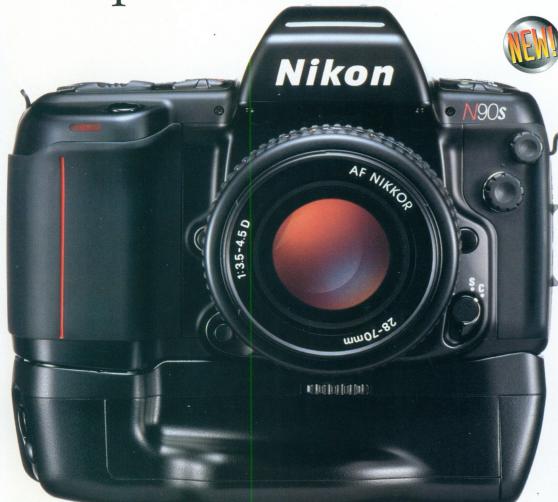


The performance is about to begin



The professional Nikon N90s 35mm SLR is exclusive. No other camera can equal its Wide-Area Autofocus, Metering, Flash and Total System Performance. With the N90s, you'll take more pictures. And perfectly.

For a professional photographer, the true measure of an autofocus system is not found within written specifications, but with tough, real-world performance.

The N90s's Wide-Area Autofocus and Focus Tracking with Lock-On™ are among the N90s's exclusive features. With Lock-On, the N90s stays focused on a subject even when something momentarily blocks the view, or when the subject momentarily moves out of the AF sensor area.

Nikon technology delivers this unsurpassed performance through a special design philosophy. Nikon recognizes that people see with creative vision and intuition, while computers operate at incredible speed, handling thousands of complex problems accurately and instantly. When the power of a computer is put into the hands of a creative photographer, the results can be unprecedented! Photographs that were once considered impossible are now possible.

Nikon performance is one of the reasons why more professional photographers who use 35mm choose Nikon than all other brands combined.

Nikon. We take the world's greatest pictures. Yours.

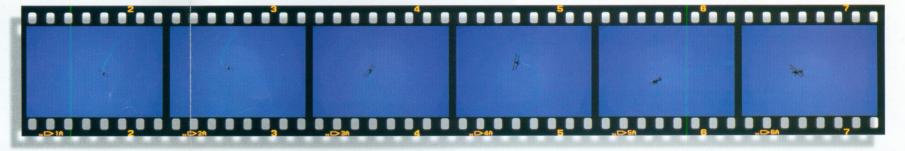




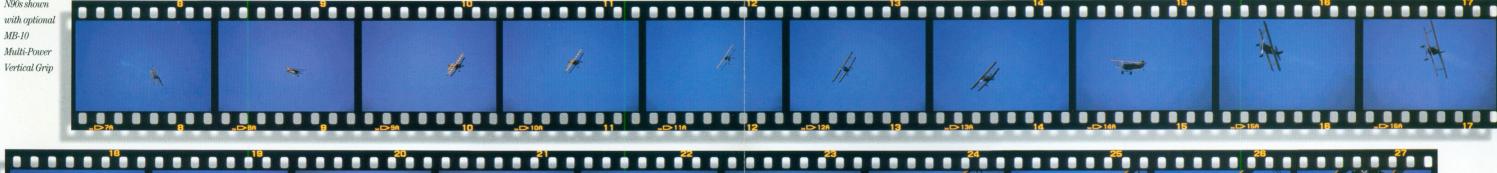


- THE SUBJECT REMAINS SHARPLY TRACKING PROCESS

PHOTO SEQUENCE SHOT BY JOE MCNALLY ON LOCATION AT THE OLD RHINEBECK AERODROME IN UPSTATE NEW YORK, SEPTEMBER 12, 1994. NIKON N90s CAMERA WITH 600mm F4D ED-IF AF-I NIKKOR AIS LENS.



Multi-Power Vertical Grip







COVER PHOTO: TURNING THE TABLES

"The N90s is really turning the tables. Its speed and accuracy are phenomenal. The AF features that have been incorporated into this system are absolutely superior to anything I've ever used. Here you had an erratic, fast-moving object with

the area of focus constantly changing — a challenge for anyone. The N90s tracked the plane to perfection, staying with it even during its most intricate maneuvers. It per-



formed flawlessly in an extremely difficult focusing situation. The erratic nature of the plane's speed didn't seem to trouble the system, either. In the past with manual focus or certain other types of AF systems, you'd automatically factor in a fairly sizable percentage of frames that wouldn't be useable due to lack of sharpness. What the N90s does is sharply reduce that percentage of loss and maximize your effort. It enables you to go out and attempt things that you had not been able to attempt before, or would hesitate to attempt, or would feel very iffy about."

Joe McNally

Editor's Note: Last year, Joe McNally was selected as the first *Life* staff photographer in more than 20 years. He follows in the tradition of such *Life* greats as Alfred Eisenstaedt, Carl Mydans and Gordon Parks. Our congratulations to Joe on his remarkable photographic achievements, and our best wishes for his continued success.

Welcome to the World's Greatest Pictures

This Nikon Full Line Product Guide was designed specifically with the photographer in mind.

Professionals, amateurs and hobbyists alike will find it to be a wealth of photographic information. You'll find complete product descriptions and specifications, vivid photos illustrating various camera features, educational photo tips and valuable insight from some of America's most respected photographers.

Separate Nikon brochures on individual cameras, lenses, accessories, close-up equipment and Speedlights are also available.

Your Nikon dealer is your best source of information. Or to learn more about the complete Nikon system or photography in general, simply flip to the back of this guide for information on how you can attend Nikon School, subscribe to Nikon World magazine, and purchase Nikon School video learning tapes. Each of these resources contains valuable information from the experts at Nikon. There's also information on how you can reach your local Nikon Dealer.

We and your Nikon Advanced Systems or Consumer Products Dealer want you to take the world's greatest pictures. Yours. Please let us know how we can help.

Nikon Advanced Systems Dealers (NAS)

Nikon Advanced Systems Dealers displaying this logo are authorized to sell Nikon advanced systems cameras and equipment, including specialized lenses, attachments and accessories.



















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Meet Coolscan Inside Back Cover



Nikon Consumer Products Dealers (NCP)

Nikon Consumer Products Dealers displaying this logo are authorized to sell Nikon consumer products, including selected 35mm cameras, lenses and accessories.



The Nikon Difference

Why is Nikon the choice of photographers everywhere?

Why is Nikon NASA's choice for out-of-this-world photography? Why does "Nikon" instantly bring to mind quality, innovation and remarkable photographs?

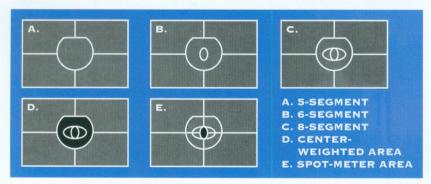
The answer is you. For over 30 years, you have helped Nikon set the standards for 35mm photography. Today, Nikon cameras, lenses and accessories continue to be designed to accomplish one thing satisfy your passion for making great photographs.

THE CLEAR DIFFERENCE - NIKON OPTICS

One of the most important parts of any camera is the optics through which light passes. Impurities or manufacturing defects can lead to unimpressive photographic results. That's why Nikon manufactures its own optical glass. It's your assurance that every piece of Nikon glass conforms to exacting Nikon quality standards.

ADVANCED METERING SYSTEMS

Nikon pioneered and continues to lead in the area of multipattern or "Matrix" light metering. Working almost as you would, the system breaks the scene down into individual seg-



ments. Unlike many other metering systems, Nikon systems evaluate the segments for both brightness and contrast. Then, employing fuzzy logic, proper exposure is determined. You can also select Center-Weighted metering for portraits or other photographs, or Spot metering to concentrate your exposure in a tiny area of the viewfinder.

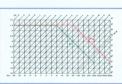


AUTOMATIC AND MANUAL EXPOSURE MODES

Almost all Nikon advanced cameras feature four exposure modes.

Programmed Mode This mode determines both aperture and shutter speed. It follows one or more program curves designed to avoid camera shake, and adjusts automatically for

the focal length of the lens. With most Nikon advanced cameras, you can even adjust the program, using Flexible Program, to produce exactly the kind of photos you want.



Aperture-Priority With this mode, you set the desired aperture while the camera sets the shutter speed. Smaller aperture settings, such as f/11 and f/16 offer greater depth-of-field.





Wider settings, such as f/2.8 and f/4 offer shallower depthof-field, making your subject stand out from the background.

Shutter-Priority You determine the shutter speed while the camera automati-

cally sets the aperture. Create a feeling of movement with lower shutter speeds, or freeze the action with higher speeds.

Manual You determine the aperture. You determine the shutter speed. Create exactly the effect you're looking for, based on your own experience and expertise.

Exposure Lock With many Nikon advanced SLRs, a flip of a switch locks the exposure. The system then memorizes the exposure value for the scene, allowing you to recompose the photograph any way you like.

Exposure Compensation Dial Depending on camera model, compensate your exposures within a range of + or -5 EV in 1/3 steps. Make your photographs lighter or darker, to meet your specific objectives.

HIGH SPEED MOTOR DRIVE

Driving your camera is Nikon's motorized film advance.

Depending upon your camera model, use single-frame advance, low-speed film advance (about three frames per second), or high-speed film advance (about five frames per second).

ADVANCED AUTOFOCUS WITH FOCUS TRACKING

Incorporating high-speed coreless motors and advanced AF sensor modules, Nikon's advanced cameras can focus automatically in light as dim as one candle.

Choose single-servo autofocus, or choose continuous autofocus where the camera focuses and refocuses automatically as your subject moves or changes position.

In either mode, take advantage of Nikon's revolutionary focus tracking.

With focus tracking, once the subject is moving towards the photographer, the camera anticipates its precise position

at the moment of exposure. The system tracks the subject, calculating its final position

between the time you press the shutter release and the time the exposure actually takes place. Nikon's N90s can accurately focus track and photograph a subject at over 4 frames per second.



CORELESS MOTOR

MANUAL FOCUS WITH ELECTRONIC RANGEFINDER

When manually focusing, Nikon advanced AF cameras help you focus with a precision electronic rangefinder. Illuminated arrows guide you to exact focus, confirmed by a visible indicator.

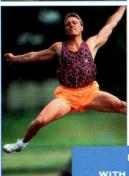






MOTOR DRIVE





FLASH OF BRILLIANCE

Almost everyone wants photos that combine ambient light with light from the flash. That's because photos like these are truly

unusual. Especially when taken at the slow flash sync speeds of which Nikon advanced cameras are capable (be sure to see the Brett Froomer and Joe McNally examples that appear in this guide). Nikon continues to lead in the area of flash photography with an array of Speedlights and a technology called matrixbalanced fill-flash. This through-the-lens system (TTL) uses Matrix Metering to evaluate the scene's available light. It then controls the flash to provide just enough light to



MATRIXBALANCED FILLFLASH SHOTS LOOK
ALMOST AS IF
FLASH HASN'T BEEN
USED AT ALL. WHEN
USED WITH SLOW
SHUTTER SPEEDS,
THE RESULTS CAN
BE STUNNING.

illuminate the subject, while balancing the shot with a properly exposed background. The result is flash pictures like you've never seen before, in situations you might never have thought possible. Nikon's new N90s. N90, new

N70 and N50 cameras advance this technology even further with 3D matrix balanced fill-flash.

PATH TO THE FUTURE

Nikon's famous F lens mount means your camera is compatible with literally hundreds of Nikon lenses. And, as Nikon innovation continues, your investment in Nikon quality continues to pay off with future system compatibility.



NIKON'S FAMOUS
F LENS MOUNT
MAKES OBSOLESCENCE OBSOLETE.

RENOWNED CONSTRUCTION AND MATERIALS

Nikon products are built to last. But to say they are simply "rugged" misses the point. When you use Nikon equipment, full-compatibility in terms of materials, align-

ment, optics, color consistency, electronics and overall performance is assured. Only Nikon cameras, equipment and accessories can offer true Nikon-quality photographs.



NIKON N90s'S EXCLUSIVE FOCUS TRACKING
WITH LOCK-ON™ ANTICIPATES THE SUBJECT'S PRECISE
POSITION AT THE MOMENT OF EXPOSURE.

F4s

THE CHOICE OF PROFESSIONAL

PHOTOGRAPHERS EVERYWHERE

Say the words "professional photography" and you'll literally be saying "Nikon F4s." The choice of professional photographers everywhere, the F4s epitomizes the combination of reliability and performance that professionals demand. Superb design, rugged construction, precision operation and the features professionals want most have made this camera the acknowledged standard of 35mm photography throughout the world.



NIKON AF-L AF-L

SUPERIOR CONSTRUCTION

Famous for its reliable performance, the F4s starts with a solid aluminum alloy, die-cast body. This bridge and hollow-wall design offers superb strength, rigidity and protection from corrosion. The mounting section of the standard Multi-Meter Finder and the

interchangeable hand grip have also been die-cast for maximum strength.

SHOCK ABSORBING EXTERIOR

In case of an accident, the rubber compound exterior covering of the F4s literally transforms itself to absorb shock. It then instantly regains its original shape. There's less chance of external or internal damage to the camera.

OUTSTANDING INTRUSION RESISTANCE

The entire body and every lever and dial of the F4s has been designed to resist intrusion by moisture or dust. This camera has proven itself in virtually every environment on (and off) the Earth.



VERTICAL TRAVEL SHUTTER

Designed and built by Nikon, the F4s's electromagnetically controlled, vertical-travel focal plane shutter enables superfast operation up to 1/8000 sec. and 1/250 sec. flash sync. Four of the shutter's eight blades employ special epoxy plates with carbon fibers. The others are composed of aluminum alloy. All this means literally thousands of consistent exposures under intensive professional use.

TUNGSTEN ALLOY SHUTTER BALANCER

This Nikon innovation ensures quick and efficient shutter curtain travel by absorbing vibrations which might blur pictures. Additionally, an efficient shutter braking system protects against shutter bounce.



DUAL CURTAIN SHUTTER ASSEMBLY

In ordinary cameras with vertical-travel focal-plane shutters, the film plane is covered by one multi-blade shutter curtain.



With the Nikon F4s, this multi-blade curtain has been doubled, leaving virtually no room for light leaks. Perform even mirror lockup shooting without the fear of light leakage.

COMPATIBLE WITH MOST NIKON LENSES

The F4s's F-mount interface means it has the intelligence to manage all three types of Nikon lens communication systems



— one for lenses with built-in computers, one for autofocus lenses with built-in motors, and one for Nikon

lenses without electronic contacts. With AF, AF-I, P, AI-S and AI Nikon lenses, all metering systems operate. With modified AI lenses, use Center-Weighted or Spot metering. With non-AI lenses, use stop-down metering.

AN ARRAY OF INTERCHANGEABLE FINDERS, FOCUSING SCREENS AND FINDER ACCESSORIES

With the Nikon F4s, you can see it your way. Each of four interchangeable viewfinders offers virtually 100% accuracy, so what you see through the viewfinder is what ends up in your photo. Interchangeable focusing screens and finder accessories give you just the view you want.

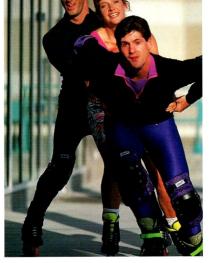
SPEEDLIGHTS AND ACCSSORIES

In combination with a full line of Nikon Speedlights, the F4s is a tool for the imagination. Matrix-balanced fill-flash creates all new picture-taking confidence, not only indoors, but outdoors in twilight and at night.



CAMERA BACKS AND REMOTE CONTROL

Nikon Multi-Control Backs, Data Backs and remote control accessories put time and distance on your side. Create all-new types of photographs, over hours, days and even weeks. Let your subject trigger the shutter with Freeze Focus. Auto bracket up to 19 separate frames, each with a different exposure.





CLOSE UP

The F4s is 100% compatible with all Nikon close-up lenses and equipment. Discover familiar subjects in a new dimension. See a new range of textures and shapes. Enter a new world of discovery and exploration.

INTERCHANGEABLE VIEWFINDERS

Interchangeable viewfinders provide you with a better view of your subject, depending upon your application or where the camera is positioned. Viewfinders for the F4s offer tremendous versatility, from standard shooting, to low-angle shooting, to close-up subjects magnified up to six times normal size.

MULTI-METER FINDER DP-20

Standard equipment for the Nikon F4s AF 35mm SLR Camera, this full information viewfinder is virtually 100% accurate. What you see is what you get. Built-in eyepiece diopter adjusts from -3 to +1 to compensate for near or farsighted photographers. Incorporates exposure compensation dial for interchangeable focusing screens and ISO type hot shoe for direct mounting of a wide range of Nikon TTL dedicated Speedlights. Matrix, Center-Weighted and Spot metering provided.

Nikon Product Number: 2500 NAS

















AE ACTION FINDER DA-20

This viewfinder allows you to see a complete image at 2.4" from the camera. It is ideal for situations where normal viewing is difficult or impossible (wearing a helmet or goggles). Center-Weighted and Spot metering are provided. This viewfinder for the F4s is supplied with Prism Cover and Eyecup.

Nikon Product Number: 2503 NAS

6X HIGH MAGNIFICATION FINDER DW-21

This Spot metered viewfinder is designed to make critical close-up work faster and easier. It enlarges the complete viewfinder image by six times. The DW-21 also offers a -5 to +3 diopter adjustment for eyesight correction. Rubber eyecup and eyepiece cap provided. Requires SC-24 cord for TTL flash operation.

Nikon Product Number: 2502 NAS

WAIST-LEVEL VIEWFINDER DW-20

Viewfinder provides a complete viewfinder image when camera is positioned at a low angle or on a copystand. Fold-up viewing hood provided. Built-in flip-up magnifier provides approximate 5X magnification at image center for accurate focusing. Built-in Spot meter. Requires SC-24 cord for TTL flash operation.

Nikon Product Number: 2501 NAS



DATA/MULTI-CONTROL BACKS

MULTI-CONTROL BACK MF-23

The MF-23 Multi-Control Back for the F4s is your key to making all-new types of photographs. Imprinting your photos with date, time, frame number, shutter speed, aperture setting and other information is only the beginning. The Interval Timer allows you to input commence-

ment time, interval time, number of shots and number of intervals — outstanding for time/sequence events. Auto Bracketing means you can shoot up to 19 continuous frames, each with a different exposure. Create long-time exposure photos, up to 999



hours, 99 minutes, 99 seconds — automatically. Exposure Delay, the remaining time before exposure and the number of shots that should be taken at a specific time can be set. Use Freeze Focus to set your camera at a pre-focused distance. When the subject enters the specified zone, the camera fires. Also set daily alarm, film alarm, film stop and more.

Nikon Product Number: 4623 NAS

DATA BACK MF-22

If time is your only concern, there's the MF-22 Data Back. Imprint each frame with your choice of year/month/day, day/hour/minute (24-hour clock), month/day/year, or day/month/year.

Nikon Product Number: 4622 NAS



250 EXPOSURE MULTI-CONTROL BACK MF-24

Allows uninterrupted shooting of 250 exposures without changing film. Used with two MZ-1 Magazines for loading up to 33 feet of bulk film (see next listing). Includes the same features as the MF-23. Power sources include the MB-21 High Speed Battery Pack or the Nikon External Power Regulator MB-22.

Nikon Product Number: 4624 NAS



250 EXPOSURE FILM CASSETTE MZ-1

Operates with 250 Exposure Multi-Control Back MF-24. Includes 2 magazines. Requires 250 exposure bulk film loader, Nikon Product Number 2080 NAS.

Nikon Product Number: 2077 NAS



POWER SOURCES

Nikon battery packs provide extra power for maximum film-advance speeds, and extended operating periods. Power cords and converters allow your F4s to operate on standard AC/DC power for uninterrupted service.



HIGH SPEED BATTERY PACK MB-21

Included as standard equipment with the F4s, the MB-21 consists of a base with battery holder and a grip unit, each of which holds three AA-type alkaline-

manganese or NiCad batteries. Shutter release button with lock function, battery checker LEDs, vertical shutter release, and a remote terminal are also provided.

Nikon Product Number: 4632 NAS



COMPACT AA TYPE BATTERY PACK MB-20

Powered by four AA-type alkaline-manganese batteries, the MB-20 also serves as the grip for the F4S.

Nikon Product Number: 4631 NAS

EXTERNAL POWER REGULATOR MB-22

The MB-22 consists of the grip portion MB-21G, in common with the MB-21, and the bottom portion MB-22B. The terminal enables connection with Nikon AC/DC converter MA-4 via Nikon External Power Cord MC-11. A regulator, which converts the 15V current of the MA-4 to 8.2V, and a remote terminal, are provided.

Nikon Product Number: 4633 NAS



MULTI-POWER HIGH SPEED BATTERY PACK MB-23

Complete system consists of unitized battery pack/hand grip assembly and one-piece battery tray for AA-type alkaline-manganese batteries or optional NiCad Battery Pack MN-20.

Nikon Product Number: 4634 NAS

NICAD BATTERY PACK MN-20

Used with MB-23 Battery Pack, the MN-20's NiCad batteries are better suited than other batteries for cold-weather operation. Shoot approximately 80 rolls (36 exp.) at 14°F (-10°C) .

Nikon Product Number: 111 NAS



OTHER ACCESSORIES AND REMOTE CONTROL DEVICES FOR THE F4S
APPEAR IN THEIR OWN SECTIONS OF THIS GUIDE. SEE 35MM LENSES,
LENS ACCESSORIES, FOCUSING SCREENS AND VIEWFINDERS,
SPEEDLIGHTS, CLOSE-UP, REMOTE CONTROL, CAMERA CASES
AND OTHER ENTRIES.

NICAD BATTERY CHARGER

MH-20

NiCad battery charger for MN-20 (holds two MN-20 batteries and charges them one at a time in approximately three hours).

Nikon Product Number: 112 NAS



6-PIECE AA BATTERY HOLDER MS-23

Replacement battery holder for MB-23. Allows the use of 6 AA batteries.

Nikon Product Number: 4640 NAS

AA BATTERY HOLDER MS-21

Replacement battery holder for MB-21. Holds 3 AA batteries.

Nikon Product Number: 4637 NAS



EXTERNAL BATTERY PACK DB-6

The DB-6 provides added power for prolonged or low-temperature shooting. Uses six D-type batteries and connects to the High Speed Battery Pack MB-23 via MC-28 cord.

Nikon Product Number: 3069 NAS



EXTERNAL POWER CORD MC-28

For use with DB-6 and MB-23. Connects external battery pack to camera.

Nikon Product Number:

4658 NAS



MOTOR DRIVE POWER CONVERTERS

AC/DC CONVERTER POWER SUPPLY MA-4

Especially recommended when using the F4s for extended studio use. Supplies constant 15V DC current to MB-22. Requires MC-11 Power Connecting Cord.

Nikon Product Number: 42 NAS

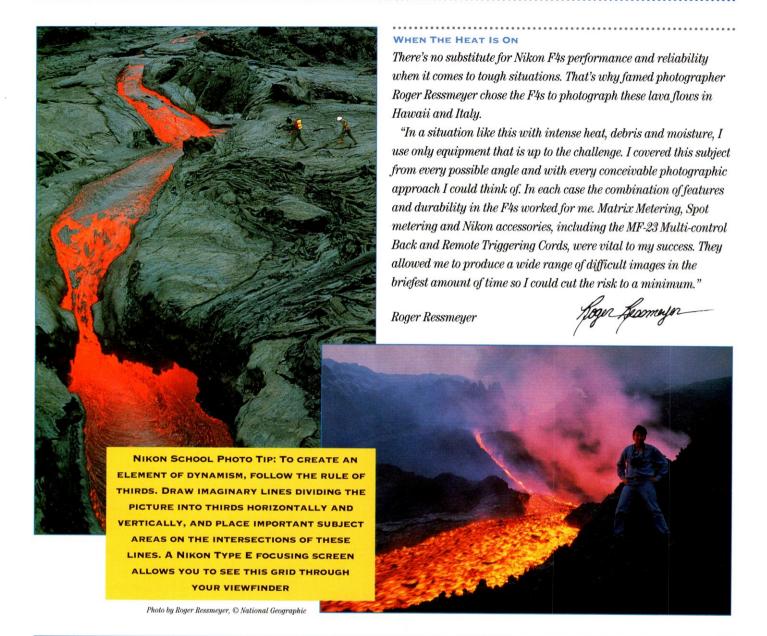


EXTERNAL POWER CORD MC-11

Connects the MA-4 converter into the external power terminal of the MB-22.

Nikon Product Number: 132 NAS





F 4 s

- Incomparable construction, testing and materials
- 5-segment Matrix Metering, Center-Weighted metering (60/40 balance),
 Spot metering (5mm diameter circle in center of viewfinder)
- Matrix-balanced fill-flash with Nikon TTL Speedlights
- Bright viewfinder system with virtual 100% coverage and full information readout including aperturedirect readout and frame counter
- Autofocus with focus tracking
- Manual focus with electronic rangefinder to EV-1
- Top shutter speed 1/8000 sec.; top flash sync 1/250 sec.
- Low-vibration, tungstenalloy shutter
- Single-frame, continuous low speed (3.4 frames per sec.) and continuous high speed film advance (5.7 frames per sec.)*
 Also continuous quiet film advance (1 frame per sec.)
- Five exposure modes —
 M (Manual), P (Program),
 PH (High-Speed Program
 for faster shutter speeds),
- * With the Nikon High Speed Battery Pack MB-21.

- S (Shutter-Priority) and A (Aperture-Priority)
- Simultaneous autofocus/ auto exposure lock button
- Multiple exposure lever; mirror lockup lever
- Depth-of-field preview button
- Interchangeable viewfinders, focusing screens
- Interchangeable battery packs, power sources

- Interchangeable camera backs including 250-exposure Multi-Control Back
- Nikon F lens mount means the F4s works with all AI-S lenses, AF Nikkor lenses, AI and non-AI lenses

Nikon Product Number: 1791 NAS

F3HP

STRETCHING IT TO THE LIMITS

The F3HP is another top professional choice. Durable die-cast, aluminum alloy construction, standard high-eyepoint viewfinder, highly Center-Weighted metering, a range of professional features and Nikon system interchangeability make this camera the right solution for demanding environments — and photographers.



All of the F3HP's electronic components are integrated onto a single flexible printed



circuit board to provide the correct exposure in any picture-taking situation.

SMOOTH WINDING MECHANISM

Winding film with the F3HP is silky smooth. Liberal use of ball bearings and an all-new mechanism and counter-balanced gear train contribute to its ease and convenience.

CENTER-WEIGHTED

METERING SYSTEM

The F3HP offers a highly Center-Weighted metering system with an 80/20 balance, concentrated in a 12mm diameter spot in the center of the viewfinder. You know exactly what the camera is metering.



TITANIUM SHUTTER

The F3HP features a Nikon dual curtain, focal-plane shutter. Made of ultra-strong, ultra-thin titanium, these long-lasting shutters offer years of trouble-free performance.

MECHANICAL BACKUP SHUTTER RELEASE

A special backup shutter release mechanism allows you to take pictures with exhausted batteries or when batteries have been removed (shutter speed approximately 1/60th sec.).

INTERCHANGEABLE FOCUSING SCREENS AND FINDER ACCESSORIES

The Nikon F3HP offers a complete range of interchangeable focusing screens and finder accessories, to make sure you see things your way (see focusing screens and finder accessories section of this guide).

SPEEDLIGHTS AND ACCESSORIES

The F3HP also accepts the complete line of Nikon Speedlights. Flash control is TTL (through-the-lens with SB-16A and SB-21A) for increased accuracy (see "Speedlights").

DATA BACKS, INTERVALOMETER

.....

AND REMOTE CONTROL

Using Nikon Data Backs, Intervalometers and remote control accessories, open up a new

world of possibilities with your F3HP. Create automatic longtime exposures and time-lapse photos (see sections that follow).

CLOSE-UP

The F3HP is compatible with Nikon close-up lenses and equipment. Use Micro Nikkor lenses, extension rings, even bellows to photograph an amazing new world.



MOTOR DRIVE AND ACCESSORIES

MD-4 MOTOR DRIVE TO CAPTURE THE ACTION

The F3HP accepts the MD-4 Motor Drive. Built as tough as the camera itself, this is the fastest Nikon motor drive mecha-









nism. The MD-4 can expose up to six frames per second. Because of the F3HP's exceptionally smooth film advance, it can expose up to 140 rolls of film with one set of eight AA-type alkaline batteries. Auto film rewind takes place in just 4.5 seconds.

Nikon Product Number: 120 NAS

AC/DC CONVERTER MA-4

Supplies the MD-4 with stable' DC current for extended studio use (requires the MC-11 External Power Connecting Cord).

Nikon Product Number: 42 NAS



POWER CONNECTING CORD MC-11 FOR MA-4

This 10' cord connects the MA-4 to external power.

Nikon Product Number: 132 NAS



MULTI-MOTOR CORD MC-17S

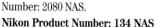
Enables the firing of two motor-driven F3 series cameras simultaneously.

Nikon Product Number: 138 NAS



250 EXPOSURE MAGAZINE BACK MF-4

Ideal for extended shooting. Trigger button contributes to handling ease. Used with two 250-Exposure Magazine MZ-1 for loading up to 33 feet of bulk film. Requires 250 exposure bulk film loader, Nikon Product





250 EXPOSURE DATA BACK MF-17 SET

Allows you to imprint data on film with up to 250 sequential shots via operation with Magazine Back MF-4 (included) and optional Motor Drive MD-4. Three simultaneous selections are

possible: year/month/day/hour/minutes/ seconds and hand-written display data. MC-15 cord included.

Nikon Product Number: 140 NAS



AUTO FILM STOP BACK MF-6B

Automatically stops the film from being rewound completely back into the cartridge during auto rewind.

Nikon Product Number: 136 NAS



NICAD BATTERY UNIT MN-2 AND CHARGER MH-2

Powers the MD-4. Offers 3.5 hour recharging time. May be recharged approximately 100 times. Works great in pairs — use one while the other is recharging.

Nikon MN-2 Product Number: 125 NAS Nikon MH-2 Product Number: 126 NAS

FIRING RATE CONVERTER MK-1

Enables the selection of specific firing rates for the MD-4. Choose 1, 2, or 3 frames per second or unrestricted speed as determined by motor operation.

Nikon Product Number: 121 NAS



MOTOR TERMINAL RELEASE MR-3

Attaches to MD-4 motor and facilitates vertical shooting. Also allows use of AR-3 cable release or the AR-7 double cable release.

Nikon Product Number: 4563 NCP



INTERCHANGEABLE VIEWFINDERS

Use different viewfinders to obtain a clear or complete view of your image, depending on where (or how) the camera is being used or held. Installing F3 series viewfinders is simple. Simply pull back the release levers and lift the viewfinder out. Installation is equally simple. Just insert viewfinder until it "click stops." With all electronic components built into the camera body of the F3HP, TTL exposure metering is possible with every interchangeable viewfinder.

EYE LEVEL FINDER DE-2

O.8X magnification with the 50mm lens at infinity. Eyepiece shutter incorporated.

Nikon Product Number: 2382 NAS



HIGH-EYEPOINT FINDER DE-3

Entire frame including exposure information is visible from approximately 1 inch away from the eyepiece. 0.75X magnification.

Nikon Product Number: 2386 NAS



ACTION FINDER DA-2

Perfect for situations where normal viewing is difficult or impossible, such as when wearing a helmet or goggles.

Nikon Product Number: 2385 NAS



WAIST LEVEL FINDER DW-3

Used when the camera is at a low angle or on a copystand. Flip-up magnifier provides 5X magnification of the center of the image.

Nikon Product Number: 2383 NAS



6X HIGH MAGNIFICATION

FINDER DW-4

For critical high-magnification work. Provides undistorted view of the entire image at full 6X magnification. Fitted with -5 to +3 diopter for eyesight correction.

Nikon Product Number: 2384 NAS



RIGHT-ANGLE VIEWING ATTACHMENT DR-3

Provides an upright and unreversed image with right-angle viewing. Individual eyesight adjustment possible.

Excellent for copy work. (DK-7 required for HP Finder).

Nikon Product Number: 2326 NAS



EYEPIECE MAGNIFIER DG-2

Provides 2X magnification of the central portion of the finder image. Eyesight adjustme5nt provided. Useful for critical focusing in close-up work. DK-7 required for HP finder.



Nikon Product Number: 2355 NCP

RUBBER EYECUPS DK-2/DK-4

Increase viewing comfort and prevent stray light from entering viewfinder. DK-2 for F3HP; DK-4 for F3.

Nikon DK-2 Product Number: 2406 NAS Nikon DK-4 Product Number: 2379 NAS

DATA BACKS

DATA BACK MF-18

The MF-18 allows you to imprint data between frames. Imprint options include year/month/day/hour/minutes/seconds or reference numbers to



2000 (only one option is selectable at a time). Enables auto film stop operation with optional Motor Drive MD-4.

Nikon Product Number: 4566 NAS

DATA BACK MF-14

The MF-14 allows you to imprint data between frames. Imprint options include year/month/day/hour/ minutes/ seconds or reference



numbers to 2000 (only one option is selectable at a time).

Nikon Product Number: 4411 NAS

MEMO PLATE SET FOR MF-17

Replacement item for MF-17. Enables hand-written display data. Also works with previous MF-10, MF-11.

Nikon Product Number: 2073 NAS

SYNC CORD FOR MF-17

Replacement cord for MF-17. Also works with previous MF-10, MF-11.

Nikon Product Number: 2069 NAS

250 EXPOSURE FILM CASSETTE MZ-1

Film cassette with case. Operates with 250 Exposure Data Back MF-17.

Nikon Product Number: 2077 NAS



BULK FUM LOADER FOR MZ-1

Enables loading of bulk film.

Nikon Product Number: 2080 NAS

FILM CASSETTE SPOOL FOR MZ-1

Replacement item for MZ-1.

Nikon Product Number: 2079 NAS

F3/T: STRETCHING IT EVEN FURTHER

This extra-durable version of the F3HP is made of titanium, one of the world's strongest metals. Virtually every part of the body is covered: the high-evenoint viewfinder; the camera top and bottom; and the entire camera back. With precision parts well-guarded, the F3/T sails through demanding photographic situations to deliver the shots you've worked so hard to achieve - year in and year out - virtually unscarred.

Nikon Product Number:





F 3 H P

- Incomparable construction, testing and materials
- · Highly Center-Weighted metering (80/20 balance)
- TTL (through-the-lens) flash control
- · Standard DE-3 highevepoint viewfinder system with virtual 100% coverage
- LCD exposure information readout in viewfinder
- · Manual focus. Top shutter speed 1/2000 sec. Flash sync up to 1/80 sec.
- · Ultra-strong, ultra-thin, dual titanium shutter curtains for extended usage, no light leakage
- · Silky-smooth, manual film advance
- · Backup mechanical shutter release if batteries exhausted
- Aperture-Priority automatic exposure mode and manual exposure
- · Exposure memory lock button for off-center compositions

- · Exposure compensation dial
- Multiple exposure lever
- Mirror lockup lever
- · Depth-of-field preview button
- Self-timer with LED indicator
- · High-speed MD-4 Motor Drive available
- · Interchangeable viewfinders, focusing screens

- Interchangeable battery packs, power sources
- Interchangeable camera backs including 250exposure MF-4 Multi-Control Back
- · Nikon F lens mount means the F3HP uses all AI-S lenses, AF Nikkor lenses, AI and non-AI lenses

Nikon Product Number: 1691 NAS

FAST, ACCURATE, **PROFESSIONAL**

Nikon's new N90s features a remarkably fast and accurate autofocus system. New software, faster processing speed, a cross-type wide-area sensor, automatic Focus Tracking with Lock-OnTM, a new high-speed lens-driving system, exposure control in 1/3 EV steps, Nikon's exclusive 3D Multi-Sensor Balanced Fill-Flash, Vari-Program and an array of other advanced features, make the N90s Nikon's most advanced 35mm professional camera.



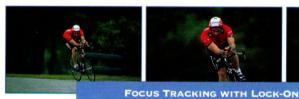
ADVANCED AUTOFOCUS SYSTEM

The new Nikon N90s advanced autofocus system tracks fast subjects moving toward or away from the camera. Subjects can also be moving erratically. When shooting a sequence, the N90s's Focus Tracking System identifies the subject sooner than ever before. The subject is then tracked through the entire range of motorized film advance-single or continuous-right up to close range. The result of these automatic Focus Tracking breakthroughs is 4.1 fps. Improved focusing speed can be attributed to technological enhancements in the autofocus software. Focus detection has been quickened through an improved algorithm. Shutter charge time has been lessened. Film advance speed has been improved via an upgraded coreless motor drive with ultra-

fast motor rotation and high-torque. And a new CPU makes for 50% faster calculation.

FOCUS TRACKING WITH LOCK-ON

The N90s autofocus system excels where others fail-at great distances and extremely close-up. Subject acquisition is virtually instantaneous and once determined, the system literally "locks-on" to its target. Even if the subject momentarily leaves the widearea autofocus zone, or another subject momentarily comes between the main subject and the camera, Focus Tracking with Lock-On stays with your original subject.









EXPOSURE CONTROL IN 1/3 EV STEPS

The N90s offers 1/3 EV exposure control. This means you can more precisely fine-tune your exposures, whether in manual, automatic, one of the N90s's Vari-Program modes or even when using flash.

CAM 246 WIDE-AREA SENSOR

The N90s's CAM 246 autofocus sensor module is a continuous CCD array with no "dead spots." Providing a vast amount of quickly processed focus detection data, the sensor's cross-type design ensures quick detection of the subject. It also ensures fast autofocus of subjects with horizontal or vertical details. Both Wide-Area and Spot autofocus selections are available.

WORKS WITH ALL AF NIKKOR LENSES

Unlike other AF systems that may require lenses of f/2.8 or faster for full autofocus operation, the N90s AF system functions completely with all AF Nikkor lenses with maximum aperture of f/5.6. Even add teleconverters and still achieve fast, accurate autofocus.

WIDE-AREA AND SPOT AUTOFOCUS

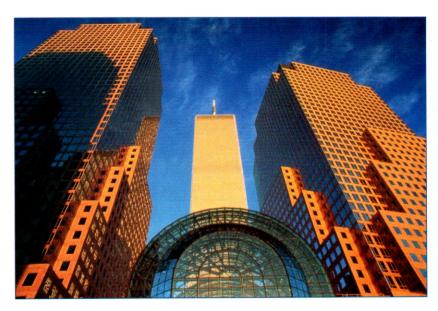
The N90s offers two autofocus systems to let you deal with more picture-taking situations with greater ease. Use Wide-Area Autofocus, with its contiguous 7mm wide focusing zone that covers over 20% of the frame with no "dead spots"; when subjects are off-center or moving quickly. Use Spot Autofocus



to concentrate on small areas crucial to your composition. Nikon's CAM 246 cross-type autofocus sensor module makes it possible. The 7mm wide horizontal sensor and 3mm high vertical sensor work together to ensure autofocus, and both function regardless of the maximum aperture AF Nikkor lens in use.

3D MATRIX METERING

The N90s uses an 8-segment Matrix Meter to evaluate the scene. When used with D-type autofocus lenses, it combines this exposure information with data on subject distance and focus. Distance information is used to enhance exposure calculations. Computers found in both the N90s and the D-type lenses share information, while Nikon software



processes the data using advanced algorithms and fuzzy logic. Now potentially troublesome light conditions are handled beautifully and effortlessly by the N90s.

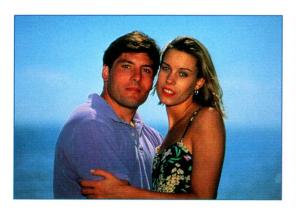
5-SEGMENT TTL FLASH SENSOR

The N90s adds matrix-like metering technology to flash photography. Built into the N90s is a 5-segment flash sensor. This TTL multi-sensor works with all Nikon TTL-controlled Speedlights, enabling automatic balanced fill-flash even in bright snow and sand, as well as dim light, indoors or out. Matrix-like flash analysis yields exceptional results, even in situations that might fool other systems

3D MULTI-SENSOR BALANCED FILL FLASH

This is the highest flash performance possible. When using a combination of the N90s, a D-type AF Nikkor lens and a Nikon SB-26 or SB-25 Speedlight, the N90s uses its 8-segment meter to evaluate ambient light. The SB-26 or SB-25 then fires a series of invisible monitor pre-flashes, which the N90s's 5-segment flash sensor analyzes. Distance information from the lens—including picture composition analysis—and other exposure control data are then integrated and subject reflectance is determined. Flash output is automatically compensated and balanced with the ambient light. The result is superb flash photographs.





FP HIGH SPEED SYNC FLASH

Using a Nikon N90s and SB-26 or SB-25 Speedlight set to the FP mode, flash sync speeds up to 1/4000 sec. are possible. Use films with high ISO ratings for fill-flash. Maintain correct background and sky exposures, even when shooting fill-flash photos in bright light outdoors. Maintain wide-aperture settings for expanded control of depth-of-field.

VARI-PROGRAMS

Now you can choose the type of pictures you want to make—automatically. You make your selection, from striking silhouettes, to beautiful portraits, to scenics, to sports photos, to close-ups, and the N90s does the rest. All required settings are made for you. When used with the SB-26 Speedlight, even a Red-Eye Reduction program is included. Make the kind of photos you've always wanted, at the touch of a button.

MULTI-POWER VERTICAL GRIP MB-10

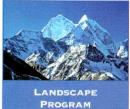
The Multi-Power Vertical Grip MB-10 adds dimension to the bottom of the N90s, making the grip larger without adding excessive weight. It also enables the N90s to be held vertically, providing a vertical shutter release button. Another feature of the MB-10 is its quick-change battery clip, which easily slides in and out for fast power changes. The clip accommodates either four AA-type batteries with the standard MS-10 battery tray or two three-volt lithium cells using the optional MS-11 battery tray, for improved low-temperature operation.



MS-11



HYPERFOCAL PROGRAM







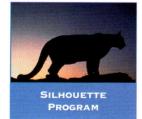


PROGRAM

PROGRAM



PORTRAIT WITH RED-EYE REDUCTION PROGRAM



DATA LINK ENHANCES PERFORMANCE EVEN FURTHER

Propel your N90s even further with Data Link. Combine the Sharp Wizard Electronic Organizer OZ-8000 Series or OZ-9000 Series with the Nikon Data Link IC Card AC-2E, and expand





the control of your N90s camera's functions. Data Link records various shooting information and guides you through the operation of the N90s, SB-26, SB-25, MF-26 Multi-Control Back and the Nikon World Time Data Back MF-25. It also includes a variety of other features you'll find convenient, especially on location. (Requires MC-27 connecting cord.)



Nikon Product Number: 4671 NAS Sharp® is a registered trademark of Sharp Electronic Corporation.

















ALL-MODE EXPOSURE BRACKETING

THE MF-26 — MULTI-CONTROL BACK

FOR THE FUTURE

The MF-26 Multi-Control Back for the N90s is your key to making extraordinary photographs. Imprint your photos with date, time, frame number, shutter speed, aperture setting and other information. The MF-26's Interval Timer allows you





to create a series of pre-timed photos, automatically. All-Mode Exposure Bracketing allows you to shoot from 3 to 19 frames, each with a different expo-

sure. Flash Bracketing lets you vary flash output over a specified range. Multiple Exposure and Freeze Focus functions are also at your disposal.

Nikon Product Number: 4626 NAS



THE MF-25 - PUTTING TIME ON YOUR SIDE

If time is all you're after, the MF-25 World Time Data Back can imprint your pictures with selected date and time information within each frame. Timing is quartz-controlled and the MF-25's world alarm clock tells

you the time throughout the world. Nikon Product Number: 4625 NAS



MODULITE REMOTE CONTROL SET ML-3

The compact ML-3 enables automatic N90s camera operation at distances up to 24 feet. It's ideal for wildlife photography, sports events-anywhere your presence might disturb the subject. Auto triggering, delayed shutter release, single and continuous shooting are possible.

Nikon Product Number: 4645 NAS

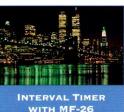












REMOTE CORD MC-20

Enables remote firing of N90s and setting of long time exposures up to 9 hours, 59 minutes, 59 seconds. LCD panel with illuminator counts

exposure time up or down. 32" long. Nikon Product



EXTENSION CORD MC-21

Enables N90s to be connected to Nikon 10-

pin remote accessories. 9.9' long.

Nikon Product Number: 4651 NAS



REMOTE CORD MC-22

Used for connection to shutter triggering

device. 3.3' long. Nikon Product

Number: 4652 NCP



CONNECTING CORD MC-23

Connects two N90s cameras for simultaneous or synchronized shutter release.



Requires Data Link system to control synchronized operation. 16" long.

Nikon Product Number: 4653 NAS

ADAPTER CORD MC-25

Enables use of two-pin or three-pin Nikon remote accessories such as Nikon Radio Control Set or Nikon Intervalometer. 8" long.

Nikon Product Number: 4655 NAS



EXTERNAL BATTERY PACK DB-6

The DB-6 provides added power for prolonged or low-temperature shooting. Uses six D-type batteries and connects to the N90s via MC-29 cord.

Nikon Product Number: 3069 NAS

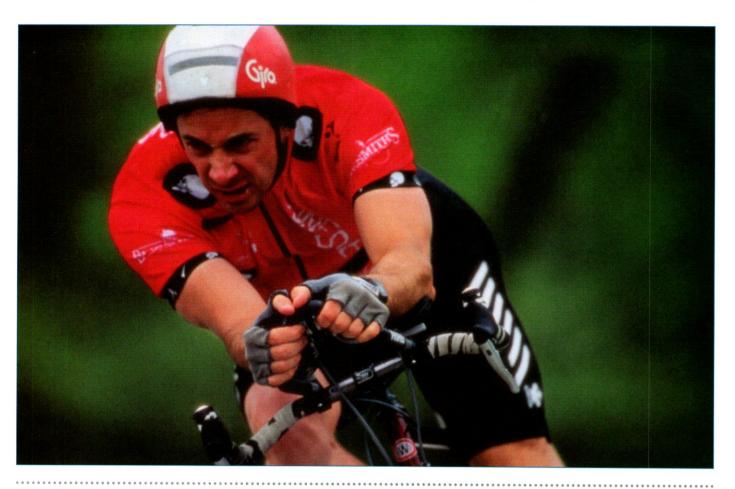


EXTERNAL POWER CORD MC-29

Nikon Product Number: 4659 NAS

NIKON SCHOOL PHOTO TIP:

COLOR AFFECTS THE MOOD OF PHOTOGRAPHS. A SPLASH OF BRIGHT COLOR IN DIM SURROUNDINGS CAN **ENLIVEN RESULTS AND FOCUS ATTENTION ON** A SPECIAL PART OF YOUR PICTURE. LARGE AREAS OF STRONGLY CONTRASTING COLOR IN THE SAME SHOT. HOWEVER, CAN BE DISTRACTING AND MAY COMPETE WITH THE SUBJECT FOR ATTENTION.



A NEW EXCITEMENT



"I need autofocus I can depend upon. I like that the N90s focuses fast, but I like it better because it focuses accurately, too! I've used manual focus for years. But now, the prospect of shooting with the N90s adds a new excitement to my work. I'm learning new techniques and getting more, sharp pictures."

John Biever

N 9 0 s

- Advanced autofocus with Focus Tracking with Lock-On up to 4.1 fps
- 8-segment 3D Matrix Metering, Center-Weighted metering (75/25 balance), Spot metering (3mm diameter circle in center of viewfinder)
- Matrix-Balanced Fill-Flash
- 3D Multi-Sensor Balanced Fill-Flash with SB-26 and D-type AF Nikkor lenses
- Bright viewfinder system with full-information readout
- Spot and Wide-Area autofocus with sensor
- Manual focus with electronic rangefinder to EV minus 1

- Top shutter speed 1/8000 sec.
- High-speed flash sync to 1/4000 sec. on manual with SB-26 Speedlight (1/250 sec. automatic)
- Single-frame, normalspeed (2.0 frames per sec.) and high-speed film advance (4.3 frames per sec.)
- Six exposure modes —
 M (Manual), P (AutoMulti Program),
 Ps (Vari-Program),
 S (Shutter-Priority),
 A (Aperture-Priority),
 and Flexible Program
- Interchangeable focusing screens
- Interchangeable camera backs including MF-26 Multi-Control Back
- Data Link System to enhance performance, customize operation
- · Nikon F lens mount

Nikon Product Number: 1768 NAS

N90

DESIGNED

TO INSPIRE

This is high-tech Nikon. Includes
Wide-Area and Spot autofocus,
8-segment Matrix Metering,
3D Multi-Sensor Balanced FillFlash, FP high-speed flash sync,
computerized Vari-Program and
Data Link capability.



WIDE-AREA AND SPOT AUTOFOCUS

The N90 offers two autofocus zones. Wide-Area autofocus has a 7mm wide focusing zone and is ideal for capturing subjects that are off-center or moving quickly. Use

Spot autofocus to concentrate on small areas crucial to your composition.



The N90 uses an 8-segment matrix meter to evaluate the scene. When used with new





D-type Autofocus lenses, it then combines this information with data on distance and focus. Now light conditions that once posed problems are handled with ease by the N90.

FP HIGH SPEED

SYNC FLASH

Using a Nikon N90 and an SB-26 set to the FP mode, flash sync speeds up to 1/4000 sec. are possible. Use films with high ISO ratings for fill-flash.



N 9 0

- 8-segment 3D Matrix Metering, Center-Weighted metering (75/25 balance), Spot metering (3mm diameter circle in center of viewfinder)
- · Matrix-Balanced Fill-Flash
- 3D Multi-Sensor Balanced Fill-Flash with SB-26 Speedlight and D-type lenses
- Bright viewfinder system with full-information readout
- Spot and Wide-Area autofocus with Focus Tracking
- Manual focus with electronic rangefinder to EV-1
- Top shutter speed 1/8000 sec.
- High-speed flash sync to 1/4000 sec. on manual with SB-26 Speedlight (1/250 sec. automatic)
- Single-frame, normalspeed (2.0 frames per

- sec.) and high-speed film advance (3.0 frames per sec.)
- Six exposure modes —
 M (Manual),
 P (Auto-Multi Program),
 Ps (Vari-Program),
 S (Shutter-Priority),
 A (Aperture-Priority),
 and Flexible Program
- Interchangeable focusing screens
- Interchangeable camera backs including MF-26 Multi-Control Back
- Data Link System to enhance performance, customize operation
- · Nikon F lens mount

Nikon Product Number: 1769 NAS

N70

IN TOUCH WITH YOUR VISION

Quiet power is what you sense when
you operate the N70. With 8-segment
3D Matrix Metering, fast autofocus,
Focus Tracking with Lock-On™ at 3.1
fps, a top shutter speed of 1/4000th sec.,
exposure control in 1/3 EV steps, the
world's first built-in 3D Multi-Sensor
Balanced Fill-Flash, computerized
Vari-Program, 5-segment TTL flash
sensor, and Quick Recall Function,
the N70 is a camera that is truly in
touch with your vision.





QUIET OPERATION

Operation so quiet it won't distract. A powerful yet quiet motor drives AF Nikkor lenses for crystal-sharp pictures.

8-SEGMENT 3D MATRIX METERING

The N70's 8-segment 3D Matrix Meter is designed to evaluate light in all kinds of picture-taking situations. Outdoors on sunny days, shooting near a window, nighttime photography—even in difficult and harshly lit or low-light situations—the 3D Matrix Meter and the system's microcomputers give the picture optimum exposure. Automatically.

CENTER-WEIGHTED AND SPOT METERING

Center-Weighted metering concentrates 75% of the meter's sensitivity on an area of the viewfinder outlined by a 12mm circle. This is best for portraits or scenes with severe back-

lighting. Spot metering concentrates the exposure in a 3.5mm diameter circle in the center of the viewfinder. Use it to create special effects or for truly unusual light situa-

tions. This metering system is effective when precise measurement of a portion of the subject is required.

LIQUID CRYSTAL

INFORMATION DISPLAY PANEL

The newly designed panel makes understanding the N70 easier than ever. Control buttons are colored to correspond to the display. The LCD panel is bigger than ever for easy viewing, and there are fewer buttons overall.

FIVE EXPOSURE MODES

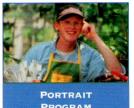
Choose from 5 exposure modes plus the use of Flexible Program.

Auto-Multi Program For most picturetaking situations, choose the "P" exposure mode. This program adjusts aperture and





COMMAND INPUT
CONTROL SYSTEM
WITH NEW
LIQUID CRYSTAL
DISPLAY PANEL





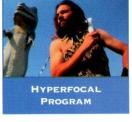
SPORT

PROGRAM



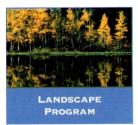


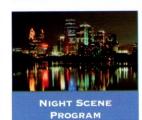
PROGRAM

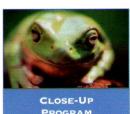




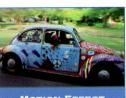
SII HOUFTTF







PROGRAM



MOTION EFFECT PROGRAM

FILM ADVANCE

The N70 offers single-frame advance (S), where the camera advances the film to the next frame following each exposure, continuous low-speed advance (CL), where the camera fires two frames per second as long as the shutter remains depressed, or continuous high-speed film advance (CH), where the camera exposes 3.7 frames per second.

shutter speed automatically. Combining this exposure mode with matrix-metering or especially 3D Matrix Metering, equips you with an instantly responsive system, able to deal with a wide variety of situations. The program is designed to minimize blur due to camera shake, and automatically adjusts for varying focal lengths.

Vari-Program This program gives you all the power of the N70's features—with the versatility and convenience of automation. Not every situation can be accommodated with one set of program controls, so the N70 offers you eight, each designed to handle a different picture-taking situation.

Flexible Program In any Program Mode (including Vari-Program), you can change the combination of shutter speed and aperture by turning the Command Input Control dial, and still obtain a correct exposure. So, even though the N70 is in automatic program operation, you can still have user-creative opportunities. Flexible Program also operates when using flash.

Aperture-Priority With this mode, you set the desired aperture while the camera sets the shutter speed. Higher aperture settings, such as f/11 and f/16 offer greater depth-of-field. Lower settings, such as f/2.8 and f/4 offer shallower depth-offield, making your subject stand out from the background.

Shutter-Priority You determine the shutter speed while the camera automatically sets the aperture. Create a feeling of movement with lower shutter speeds, or stop the action with higher speeds.

Manual You determine both aperture and shutter settings. Create exactly the effect you're looking for.

QUICK RECALL (QR) FUNCTION

The N70 can memorize your favorite camera settings. Three different sets of the following functions can be memorized. These include film advance mode, focus area, focus mode, metering system, exposure mode, flash sync mode and exposure compensation. Now at the push of a button, the N70 is set up just the way you want it.

EXPOSURE COMPENSATION

Compensate your exposures within a range of + or -5 EV automatically using the exposure compensation dial (1/3 steps).

AUTOFOCUS WITH AUTOMATIC FOCUS TRACKING AND LOCK-ONTM

Quick, responsive autofocus is built into the N70. Using Nikon's cross-type AF sensor with an extra-wide detection of 7mm horizontal and 3mm vertical, this allows you to quickly lock-on to your subject either in single or continuous AF modes. Even subjects in light as dim as -1 EV are quickly detected. With Nikon's precision autofocus system, Focus Tracking automatically engages when your subject moves. The N70's AF system is so precise it actually locks-on to your subject, even when momentarily interrupted. For example, if locked-on to a quarterback at a football game, and another player momentarily comes between you and the quarterback, the N70 keeps locked-on to the original subject. Focus Tracking operates at 3.1 fps.

MANUAL FOCUS WITH ELECTRONIC RANGEFINDER

When focusing manually, the N70 helps you achieve sharp focus with a precision electronic rangefinder. Illuminated viewfinder arrows guide you through the focusing process, even in light as dim as minus 1 EV (equal to the light of only 1 candle).

ADVANCED BUILT-IN SPEEDLIGHT

The N70 features an advanced built-in Speedlight for those pictures which call for additional lighting. A higher pop-up position reduces redeve and covers 28mm. No ordinary built-in flash, the N70's powerful speedlight offers Nikon's exclusive 3D Multi-Sensor Balanced Fill-Flash.



3D MULTI SENSOR

BALANCED FILL-FLASH

Nikon's exclusive flash control system ensures correct exposure of the main subject even in scenes that include a highly reflective background or something very close in the foreground. With the N70, flash output is controlled through Nikon's 5-segment TTL Multi Sensor. Before the main flash fires, the TTL Multi Sensor tests the entire scene with imperceptible Monitor

Pre-flashes and subject reflectance is determined. This makes it possible to detect which segments to ignore, in which segments the main subject is located and what amount of light is needed. Flash output is then controlled through the selected segment(s). 3D Multi-Sensor Balanced Fill-Flash operates effectively with all three available light meters: Matrix, Center-Weighted and Spot.



RAPID SHOOTING



"I was really pleased with the kayaking shots we got utilizing the N70's Focus Tracking with Lock-On. Frame after frame after frame. Eight, ten, twelve frames in a row — all dead sharp. When the kayak would enter the start of the rapid, I would push my finger on the shutter release and wait until I saw the two little arrows pointing at each other through the viewfinder. That told me Focus Tracking was engaged. Then when the kayak was close enough, I put my finger down and click, click, click, click — every frame was sharp! The autofocus system with Focus Tracking does far better than I could ever do manually. It's wonderful."

AERIAL ARTISTRY



"What really convinced me that the N70's 3D Matrix Metering

was doing a fantastic job was shooting aerials, without having any exposure bracketing. I just put it on Aperture-Prioity or Program and shot away with 3D Matrix Metering, and the shots came out right-on! Even if there were hot reflections or vivid light contrasts in the scene, the 3D Matrix Metering was able to interpret the information from different segments. The end-result was that with 3D Matrix Metering, I got more perfect exposures than I could ever produce manually."

Hale Rowell
Galen Rowell

N 7 0

- Autofocus with focus tracking with Lock-On to 3.1 fps
- 8-segment 3D Matrix Metering, Center-Weighted metering (75/25 balance),
 Spot metering (3.5mm diameter circle in center of viewfinder)
- 3D Multi-Sensor Balanced Fill-flash with built-in and accessory Nikon TTL Speedlights
- High-eyepoint viewfinder system with full information viewfinder
- Quick Recall Function
- Manual focus with electronic rangefinder to EV minus 1
- Top shutter speed 1/4000 sec.; top flash sync 1/125 sec.
- Single-frame, continuous low speed (2 frames per second) and continuous high speed film advance (3.7 frames per sec.)
- Five exposure modes —
 M (Manual), S (Shutter Priority), A (Aperture Priority), and two types of
 programmed auto modes:
 P (Auto-Multi Program)
 and Ps (Vari-Program)
- · Nikon F lens mount
- Autofocus lock button; auto exposure lock button
- Unique Liquid Crystal Information Display Panel
- Built-in Speedlight covers up to 28mm

Nikon Product Number: 1793 NAS

N6006

DARING

PHOTOGRAPHY

When you're ready to start making
the world's greatest pictures, the
N6006 is ready for you. With builtin wideangle flash, motor drive,
three light meters, autofocus and an
array of other features, the N6006
dares anyone to try new and exciting
photographic techniques.







5-SEGMENT MATRIX METERING

An excellent light meter for action photography, the N6006 uses 5-segment Matrix Metering for reliable exposures even in difficult or rapidly changing light conditions. The Matrix Meter breaks the scene down into 5 segments, evaluates each for brightness and contrast, and provides the correct exposure of the main subject in virtually any lighting situation.

SPOT AND CENTER-WEIGHTED METERING

To place more emphasis on a centrally located subject, select Center-Weighted metering, which concentrates 75% of the exposure on the center of the viewfinder. To concentrate the exposure further, switch to Spot metering. Now the exposure is based on a 3.5mm-diameter circle in the center of the viewfinder. The Spot meter is effective when precise measurement of the subject is required.

BUILT-IN WIDEANGLE FLASH

This flash works beautifully with your N6006 light metering systems. Touch the buttons and it pops up, ready for use. This flash offers the widest coverage of any built-in Speedlight (covers Nikon lenses down to 28mm). The N6006 flash offers a guide number of 43 (with ISO 100 film/feet).



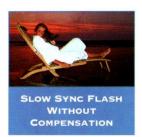
MATRIX-BALANCED FILL-FLASH

Using Matrix Metering, the N6006 computer evaluates the scene's available light brightness and contrast and calculates the exposure. It then fires the flash, controlling output for a balanced fill-flash picture. You'll use this flash for everything from still-life to action photographs, since automatic flash sync speeds range from 1/125 all the way down to 30 full seconds.

REAR-CURTAIN FLASH

Using either the built-in Speedlight or an accessory Nikon Speedlight, you can also make unusual Rear-Curtain Sync photographs. With this technique, the flash fires at the end of the exposure, rather than at the beginning. Using slow shutter speeds, a stream of motion will appear behind the moving subject.







WITH

COMPENSATION

FLASH COMPENSATION

Make superb matrix-balanced fill-flash photographs, right out of the box. To modify the power of the flash to create brighter or more subtle tones, the N6006 offers flash compensation. Simply dial in your change to the flash power, from +1 to -3 EV.

SLOW SYNC FLASH

For sunsets or night scenes, etc., a better background exposure may be achieved in all auto exposure modes, using Slow Sync. With Slow Sync, the flash fires at the beginning of the exposure and shutter speed is controlled between 1/125 sec. and 30 sec.

HIGH SPEED AUTOFOCUS WITH FOCUS TRACKING

The N6006's autofocus system will operate in light as dim as that of one candle (EV-1). Choose Single Autofocus, where focus remains locked until you again press the shutter release, or Continuous Autofocus, where the system focuses and refocuses automatically, as long as the shutter release is slightly depressed. In either mode, if the subject is moving, Focus Tracking takes over and makes any necessary adjustments. Focus manually using the electronic rangefinder, or press the Focus Lock Button to create off-center compositions.

FIVE AUTOMATIC EXPOSURE MODES INCLUDING MANUAL

Using the Program Mode (P), your N6006 will automatically set the appropriate aperture and shutter speed for you. By switching to the Auto Multi-Program mode (Pm), you automatically switch the camera to higher shutter speeds, ideal for use with telephoto lenses. Or, choose Shutter-Priority (S) to freeze or blur the action. Choose Aperture-Priority (A) to create a greater or shallower depth-of-field. Or, operate the camera on Manual (M), where you choose the aperture and shutter speeds that meet your needs. Use the Auto-Exposure Lock Button to set the exposure on the subject — then recompose any way you like. Flexible Program allows you to modify aperture and shutter speed combinations when using Program Modes.

AUTO EXPOSURE BRACKETING

Bracket either 3 or 5 exposures automatically. Choose the amount of compensation between each frame in 0.3, 0.7 or 1 EV increments. Produce a range of exposures of the same subject, quickly and easily.

VARIABLE SELE-TIMER

The N6006's self-timer lets you choose a delay of from 2 to 30 seconds. Also take two self-timer shots in a row, automatically.

ON THE BEACH

"A lot of camera systems would have trouble with a shot like this. Dim light, a slightly off-center sun behind the subject, and rapidly changing light make this a difficult photographic situation.

However, the features in the N6006 made this picture possible at virtually the touch of a button. Matrix Metering, the built-in wideangle flash and the camera's Slow Sync flash capability handled the situation beautifully. To produce a number of exposures, I used



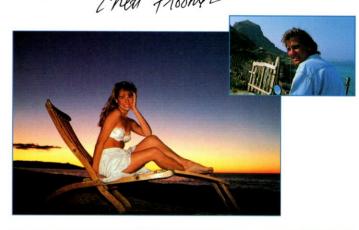




AUTO EXPOSURE BRACKETING

the camera's auto bracketing feature to produce five separate shots. The N6006 is a great way to make all sorts of photographs."

Brett Froomer



NIKON SCHOOL PHOTO TIP:

PART OF WHAT CAN MAKE A GOOD PORTRAIT IS NOT JUST THE PERSON YOU ARE PHOTOGRAPHING BUT HOW THEY RELATE TO THE SPACE AROUND THEM. AN ENVIRONMENTAL SETTING CAN HELP SHOW WHAT A PERSON DOES OR WHAT KIND OF A PERSON THEY ARE.

N 6 0 0 6

- · Advanced Nikon features
- Built-in, wideangle flash (provides coverage down to 28mm lenses)
- 5-segment Matrix Metering, Center-Weighted metering (75/25 balance), Spot metering (3.5mm
- diameter circle in center of viewfinder)
- Matrix-balanced fill-flash with built-in optional Nikon Speedlights
- · Full information readout
- Autofocus with focus tracking
- Manual focus with electronic rangefinder to EV-1
- Top shutter speed 1/2000 sec.; top flash sync 1/125 sec.
- Single-frame, (CL) low-speed film advance at 1.2 frames per second, and
- (CH) high-speed film advance at 2 frames per sec.
- Five exposure modes M (Manual), P (Normal Program), PM (Auto Multi-Program for faster shutter speeds), S (Shutter-Priority) and
- A (Aperture-Priority) and Flexible Program
- Autofocus lock button; auto exposure lock button
- Two-shot self-timer
- · Nikon F lens mount
- Uses 6V lithium battery

Nikon Product Number: 1770 NCP

SHORTCUT TO

GREAT PICTURES

Now great Nikon photographs are as easy as pushing a button. Want a portrait? Push a button. Want a silhouette? Push a button. Want a close-up? Push a button. The N50's automatic operation can give you the kind of photos you'll be proud to show and hang on your wall. Automatic focus, Matrix Metering, built-in flash, interchangeable lenses and other advanced features make the N50 the perfect step up to



GET THE KIND OF PICTURES YOU'VE ALWAYS WANTED - QUICKLY AND EASILY

Nikon's N50 delivers an array of great 35mm SLR photographs at just the touch of a button. It's the ideal "stepup" camera for photographers who might have been intimidated by 35mm SLR photography.

SIMPLE MODE

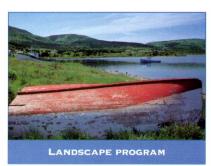
With the camera set on the "simple" mode, just press a button to create the kind of Nikon photograph you want. While you compose, the N50 automatically sets the exposure. Focus is automatic in light as low as EV minus 1.

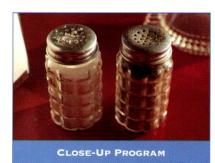




Nikon 35mm SLR photography.

PORTRAIT PROGRAM





SIMPLE MODE PROGRAMS:

GENERAL PURPOSE PROGRAM

This selection appears automatically when the camera HUTO is turned on. It's great for changing everyday pictures into beautiful photographs.



Press the button for the Landscape icon. Achieves greater depth-of-field for postcard-perfect pictures. Outstanding with AF Nikkor wideangle lenses.



PORTRAIT PROGRAM

LANDSCAPE PROGRAM

Press the button for the Portrait icon and the depthof-field becomes shallower. Now the background becomes softer, making subjects stand out. Ideal with AF Nikkor portrait-range lenses (85 to 135mm).

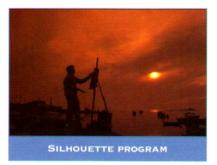


CLOSE-UP PROGRAM

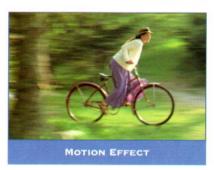
Again the subject stands out from the background. Especially effective with AF Micro-Nikkor lenses and AF Nikkor zoom lenses with macro focus.











ADVANCED MODE

With the camera set to the "advanced" mode, you can create even more types of photographs.

ADVANCED MODE PROGRAMS:

SPORT PROGRAM

Uses higher shutter speeds and creates a feeling of slight motion in your pictures. Add an extra dimension to your photos by panning with a moving subject. Effective with nearly every AF Nikkor lens.



SILHOUETTE PROGRAM

Imagine — automatic silhouettes! Subjects appear dark against a bright background. Outstanding near windows, at sunset or other strongly backlit situations.



NIGHT SCENE PROGRAM

Captures background lights. For dramatic photographs, add flash for automatically beautiful nighttime flash photography.



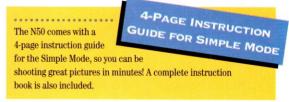
MOTION EFFECT

This selection automatically chooses slower shutter speeds to make subjects appear to flow through the scene. Also creates a great effect with panning.



OTHER ADVANCED FEATURES

• Other advanced mode techniques include shutter-priority auto exposure, aperture priority, auto exposure and manual exposure. • Top shutter speed 1/2000 sec; top flash sync 1/125 sec. • Flexible Program enables you to shift an automatically selected shutter speed or aperture combination by 1 EV. • AE-lock lets you change picture composition without affecting exposure. • Exposure Compensation allows you to adjust automatically selected combinations of aperture and shutter speeds while maintaining correct exposure. • Exposure Memory stores your favorite exposure mode or program for instant recall. • Choice of Focus Modes lets you choose "Single-Servo" autofocus for stationary subjects; "Continuous-Servo" to stay with the action. Also focus manually. • Self Timer lets you become the subject of your own pictures. • Extra-long Time Exposure setting keeps the shutter open as long as you like.



ADVANCED FEATURES OF THE N50

SHARP, CLEAR INFORMATION READOUT

The N50 is the first SLR camera to use a dot-matrix LCD panel. It's not only easy to see in any light, it's also easy to understand!



6 SEGMENT 3D MATRIX METERING

The N50 uses a 6-segment matrix light-metering system to evaluate each scene. When used with Nikon's new D-type autofocus lenses, it combines exposure information with data on distance and focus. The result? Reliable exposures, frame after frame, even in difficult lighting.

BUILT-IN FLASH

Powerful built-in flash pops up. Advanced matrix-balanced fill-flash means all-new pictures. Use flash in daylight to brighten shadows, while keeping background light natural-looking.



LOW LIGHT AUTOFOCUS/FOCUS TRACKING

The N50's advanced AM200 autofocus sensor module works in light as low as that of one candle (EV minus 1). In light where you can hardly see, it can! And, Nikon's revolutionary focus tracking has also been incorporated into the N50.

INTERCHANGEABLE NIKKOR LENSES

Because the N50 incorporates Nikon's famous F lens mount, you can choose from a wide variety of AF Nikkor lenses. All are designed to take the world's greatest pictures.

OPTIONAL SPEEDLIGHTS

Use the N50's powerful built-in flash or choose an optional Nikon Speedlight like the compact SB-22, SB-23, advanced SB-25 or the all-new SB-26. Either way, you'll gain power and versatility.



AN ARRAY OF ACCESSORIES

The N50 accepts a full range of Nikon system accessories, including camera cases, camera straps, eyepiece correction lenses and attachments for close-up photography.

Nikon Product Number: 1710 NCP

FM2N

THE TRADITIONALIST'S CHOICE

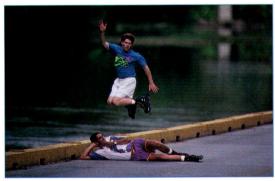
If you want manual focus and manual exposure control, here's the way to get it — with proven Nikon performance and durability. The FM2N is the choice of traditionalists everywhere.



YOU'RE IN COMMAND

The FM2N is a camera that puts you in charge. Using 60/40 Center-Weighted metering, you select the aperture and the shutter speed to create the type of photographs you're looking for.







LEGENDARY NIKON PERFORMANCE

AND DURABILITY

Like all Nikon F cameras, the FM2N is made to exacting standards with durable die-cast metal body construction and pre-

cision operating features. Vertical-travel aluminum alloy shutter curtains offer reliable, consistent performance. A mirror shock absorber virtually eliminates



mirror bounce or shake that might blur some exposures. Four ball-bearing clusters and reduced film winding torque assure silky-smooth film advance.

3-POINT LED EXPOSURE DISPLAY

In addition to shutter speed and aperture, a 3-point exposure display appears in the viewfinder. It instantly tells you if your exposure is over (+), under (-) or right on (O).



MOTOR DRIVE MD-12

Attach the optional Motor Drive MD-12 to the FM2N, and you're into motor drive photography. Shoot single frames or try sequential shooting at up to 3.2 frames per second.

Nikon Product Number: 102 NCP





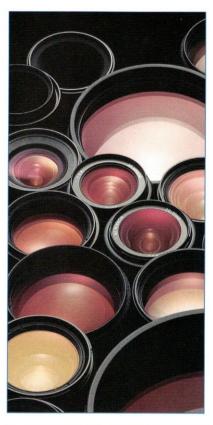




DATA BACK MF-16

Record year/month/day or day/hour/minute or any 2digit number on your photographs. Perfect for scientific or research photography. LCD quartz clock ensures precision information.

Nikon Product Number: 4526 NCP



NIKON SCHOOL PHOTO TIP:
THE REAL PURPOSE OF A
MOTOR DRIVE IS NOT SEQUENCE
PHOTOGRAPHY — IT'S TO MAKE
SURE YOUR EYE IS NEVER
AWAY FROM THE VIEWFINDER.
THUS, YOU ARE ALWAYS
READY FOR THAT PEAK
MOMENT.



F LENS MOUNT

Because the FM2N incorporates Nikon's F lens mount, it uses all of Nikon's current lenses, and hundreds of previous lenses.

OTHER NIKON ACCESSORIES

The FM2N also accepts a wide range of other Nikon accessories, including the Modulite Remote Control Set ML-2, Intervalometer MT-2, Wireless Remote Control Set MW-3, Battery Pack DB-2, Nikon Speedlights and close-up accessories.

NEW TITANIUM BODY FM2/T

If you're going to extremes to get a great photograph, consider the new FM2/T version of the FM2N. Made with an incredibly strong titanium outer shell, this camera is highly shock and corrosion resistant. All other specifications and features are the same as the FM2N.

Nikon Product Number: 1685 NCP



FM2N

- Durable die-cast all-metal body construction provides lighweight rigidity and strength
- Center-Weighted TTL metering (60/40 balance); metering range EV 1 to EV 18
- Interchangeable focusing screens; K2, E2, B2
- Bright viewfinder system with aperture, shutter speed and 3-point exposure display (+ 0 -)
- Silky-smooth manual film advance and transport
- Top shutter speed 1/4000 sec.; top flash sync 1/250 sec.
- Aluminum-alloy shutter curtains for stable, dependable performance
- Depth-of-field preview button
- MD-12 Motor Drive
- MF-16 Data Back
- Nikon F lens mount

Nikon Product Number: 1683 NCP (Chrome finish camera body) Nikon Product Number: 1684 NCP (Black finish camera body)

28Ti/35Ti Quartz Date

A WHOLE NEW CLASS OF CAMERA

This elegant class of camera combines advanced features and Nikon SLR image quality with a compact, lightweight, titanium body. At the heart of the 28Ti is an exceptional Nikkor 28mm/f2.8 lens for versatile wide-view picture making. The 35Ti features a superb Nikkor 35mm f/2.8 lens.

Both cameras boast
6-segment 3D Matrix
Metering, advanced flash
systems, programmed
auto-exposure, built-in
data imprint, plus stan-

dard and panorama formats. A combination of quality, performance and features without equal.



EXCEPTIONAL OPTICAL PERFORMANCE

The Ti series' comprehensive optical system represents a major advance in camera design. For a more dynamic perspective in pictures of landscapes and buildings, the new 28mm lens is ideal. The 35mm provides a more traditional view that's ideal for pictures of people. Both



lenses automatically retract into the camera body for protection while traveling.

TITANIUM OUTER BODY

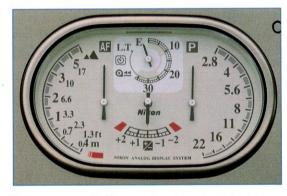
The body is made of aerospace-quality

titanium. Rigid, lightweight and durable, it protects the camera from abrasion, corrosion and shock.

WORLD CLASS NIKKOR LENSES

Whether you choose the 28Ti or 35Ti, lens performance is exceptional. Made with Nikon's high refractive, low-dispersion glass, this integrated-coated lens yields photos of exceptional sharpness and color. Lens barrel is honed from high-precision aluminum alloy for exceptional strength and consistent focusing accuracy.

UNIQUE ANALOG DISPLAY PANEL



Both cameras use highly accurate and easy-to-read pointers. Focus selection, aperture in use, exposure compensation values, frame count time exposure and self-timer are easily visible.

VIRTUALLY CONTINUOUS AUTOFOCUS

The Nikon 28Ti Quartz Date and 35Ti Quartz Date can autofocus from 1.3 feet for detail-revealing close-ups, all the way to infinity for tack-sharp landscapes. Off-center composition is easy with a focus lock, too. With the active-infrared autofocus which can be precisely aimed, either camera can even focus in total darkness for exciting picture-taking opportunities. You can even preset the focus distance manually, using the focus distance display on the top deck panel for reference.



FAST, RESPONSIVE HANDLING

The viewfinder's aspherical lens objective provides bright, clear viewing, a digital display for shutter speed or uses selected aperture and exposure compensation. A liquid crystal display clearly outlines both standard and panorama picture areas.

6-SEGMENT 3D MATRIX METERING

A new 6-segment Matrix Metering system assures proper exposure even in difficult or quickly changing light situations. Fuzzy logic

helps ensure precise exposure settings, even when conditions are nominal or borderline. Switch to center-weighted for portraits or to concentrate exposure in defined area.

PROGRAMMED AND APERTURE-PRIORITY EXPOSURE MODES

A Programmed Auto exposure mode automatically sets optimum aperture and shutter speed. Flexible Program sets different combinations of shutter and aperture while maintaining correct exposure. Aperture-Priority mode lets you select aperture for depth-of-field control.

ADVANCED FLASH

The built-in flash on the cameras fires automatically when light is insufficient or the subject is backlit. The system incorporates distance into the flash exposure calculation for the highest level of flash performance. Flash cancel, Slow Sync and

"anytime" flash modes also available.







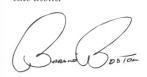
CUSTOM FUNCTIONS

Using the Custom Function buttons, you can change several operating features to meet your needs. Choose matrix or Center-Weighted metering. Choose to display either shutter speed or aperture in the LCD viewfinder. Imprint data on all pictures, the first picture of the day, or the first shot of each roll. Use Display Reset to return the camera to its original positions. Display panorama frames marks inside viewfinder.

"The 28Ti and 35Ti are great cameras. Their pictures are tremendously sharp and the advanced technology packed into these cameras rivals its professional



counterparts. There's never been anything like them!"



Bernie Boston

DATA IMPRINT

This feature allows you to imprint your photos with choice of year, month, day, hour, minute and, of course, no imprint. Ideal for keeping track of pictures, rolls of films and dates.

28TI/35TI

- · Advanced Nikon features in a lightweight, durable titanium body
- Built-in Nikkor 28mm f/2.8 or 35mm f/2.8 lens with integrated optical coating for sharp, clear photos
- · Built-in flash
- 6-segment 3D Matrix Metering and Center-Weighted metering (75/25 balance)
- · Provides 3D matrixbalanced fill-flash for incredible flash photography
- Virtually stepless autofocus AF systems for sharp images
- Standard and panorama formats switchable midroll at the flip of a switch
- Top shutter speed 1/500 sec.; automatic long time exposures up to 10 minutes
- · Illuminated analog information display
- · Automatic single-frame film advance
- Two exposure modes Programmed (P) and Aperture-Priority (A)
- · Flexible Program and exposure compensation
- · Two-shot self-timer
- · Quartz-date function imprints photos with day/date/time
- · Custom functions modify operation
- Includes leather case, battery and film.

Nikon 28Ti Product Number: 1881 NAS Nikon 35Ti Product Number: 9630 NAS

Camera

SAFEKEEPING

FOR YOUR FINE

EQUIPMENT

Genuine Nikon camera cases are made to protect your investment against shock, debris and other hazards. Cases are made to fit camera with normal lens, or a variety of camera lens accessory combinations including telephotos and motor drives. Select your case using the chart below.

SEMI-SOFT CASE

Pliable, two-piece design with attractive, textured finish.

SOFT CASE

Stylish look; folds for convenient storage when not in use.

BLIMP CASE

Dampens shutter/motor drive noise, and protects camera/lens from freezing temperatures.

SPEED CASE

Offers maximum convenience when carrying camera/telephoto lens and small accessories; accessory kit provided.



CF-42





CF-43



For F4s:

CS-25



CS-26



For N70:

CF-49

CF-50

For N6006, N6000:



CF-47

For F4:

CF-41



Front flaps of CF-39L, CF-40, CF-45, and CF-46 can be purchased separately.

For F3, F3HP, F3/T:









For FM2:













CS-18

For F3, FM2, FA, FE2:



CS-7



CS-8











For F3HP, F3/T, N90, N70, N6006:



CF-34 CS-13 Universal

Compatible

- * Compatible with base portions of camera body cases, CF-37L/CF-37LQD.
- ** Compatible with base portions of camera body cases. CF-21 and CF-22.
- *** Compatible with base portions of camera body cases, CF-27 and CF-28.
- 1 Compatible with filter/cap and either lens hood (reversed) or rubber hood.
- 18- Compatible with filter/cap and rubber hood.
- 2 Compatible lens with cap.
- $3\,-\,$ Compatible lens with filter and either screw-in or snap-on hood.
- 4 Compatible with lens filter and cap.
- † Does not cover lens.

Note: If lens/case combination does not appear on chart, please ask your dealer.

Camera	Style	Case	Nikon Prod. #	Material	16mm f/2.81 16mm f/2.80 15mm f/3.5	20mm f/2.8.7 24mm f/2	24mm f/2.8/	28mm f/2 28mm f/2	35mm f/1.4 35mm f/2 AF	1 1 1	8 8	85mm f/1.8.	105mm f/1.8	135mm f/2 A	180mm f/2.8	20-35mm f/2 24-50mm f/2	28-70mm f/2 28-85mm f/3	35-70mm f/2 35-80mm f/4	35-105mm f	70-210mm f 58mm f/1 2	55mm f/2.8	28mm f/3.5	30mm Va.c 105mm f/4.5	
D4	Semi-soft	CF-41 (w/MB-20)	4593			2 2	1 4	3 3 4	1 4 3	4 4	1 1	1	4		Ц	Ш						4		1
Camera F4 F4s N90s/N90 N8008s N70 N6006 N50 N5005 F3, F3HP, F3/T FM2 F3, FM2, FA, FE2 F3HP, F3/T, N90, N50 N8008s, N6006, N5005	Semi-soft	CF-42 (w/MB-20)	4594	Leather	2 2 4	13	3 3 5	3 3	3 3	1 1	1 4	3 4	4 4			11	4 4	1	1 4	1	3	1 4 :	1 2	
F4s	Speed Case	CF-43 (w/MB-21)	4595		2 2 4	13	3 3 2	3 3 3	3 3	1 1	1 4	3 4	4 4			11	4 4	1	1 4	1 1	3	4 4 2	3 2	
N100 a /N100	Semi-soft	CF-47	4358		2 2 1	13	3 3 2	2 3 3	1 3	4 4	1 1	14	2 1		Щ	4	4	1	Ш		Ш		1	
N908/N90	Semi-soft	CF-48A	4360		2 2 2 3	3 3	3 3 2	2 3 3	3 3	4 4	1 3	3 4	4 1	1		4 4	4 4	4 3	4 4	1			_	
NOONO.	Semi-soft	CF-39L	4357		2 2 2	14	3 3 4	4 4 3	4 3	11	1 4	4	4			22		2			4	4	4 2	
1400005	Semi-soft	CF-40	4591	Leatherette	2 2 2 4	13	3 3	3 3 3	4 3	11	1 3	3 4	4 4	4		11	1 1	1	1	1	3	14		
N70	Semi-soft	CF-51	4367	Deatherette	2 2 2 4	44	3 3 4	4 4 3	4 3	11	1 4	4	4			2 2	-	3	Ш	-	4	4	12	
NIU	Semi-soft	CF-52	4368		2 2 4	13	3 3 2	3 3 3	3 3	1 1	1 3	3 4	4 4			11	1 1	1	1	1	3	44		
NEOOG	Semi-soft	CF-45	4350		State Stat	12																		
N0000	Semi-soft	CF-46	4351		2 2 4	13	3 3 8	3 3 3	3 3	11	1 3	3 4	4 4			11	1 1	1	1 1	1	3	44:	3	
F4 F4s N90s/N90 N8008s N70 N6006 N50 N5005 F3, F3HP, F3/T	Semi-soft	CF-49	4363	Nylon	4	4	4 4	1 4	4	4	4	4 4		4	4	4 4	4	4						
Nou	Semi-soft	CF-50	4364	Nyion	4	4	4 4	1 4	4	4	4	4 4		4	4	44	4	4 4	94	4				
	Semi-soft	CF-37L/CF-37LQD	4355	Leatherette	2 2	14	3 3 4	4 4	4 3	11	1	4	4								4		4 2	
	Semi-soft	CF-38LA*	4356		2 2 4	4 3	3 3 4	1 3	3 3	11	1 4	4 4	4 4			4 4	4 4	4	1 4	1	3	44:	3	
	Semi-soft	CF-22	4422	Leather	2 2	4 4	3 3 2	2 2	4	1 1	1	2											2	
F3, F3HP, F3/T	Semi-soft	CF-21A**	4410		2 2 4	1 3	3 3 3	3 3	3 3	11	1 4	3 4	4 4			44	4 4	4	1	2	3	2 4 :	ķ	
	Soft	CS-15	4414		2 2	14	4 3	4	4	11	1										2		4	
	Semi-soft	CF-27	4427			4	2 2		2	2 4	4				Ш					Ш				
	Semi-soft	CF-28	4428	Leatherette	2 2	4 4	3 3	4 4	4 3		1	4	4			2 2		2			4		4	
	Semi-soft	CF-28A****	4431	Deatherette	2 2 4	43	3 3 3	3 3	3 3	11	1 4	3 4	4 4			44	4 4	4	1 5	2	3	44	3 2	
FM2	Semi-soft	CF-29	4429		2 2	4 4	3 3 4	13	4 3	11	1 4	4 4	4 4			44	4 4	4	1		4		3	
	Soft	CS-16	4415			1 1	3 3	1 2		4 4	4							1		Ш				
	Soft	CS-17	4136	Leather	2 2 4	1 3	3 3 4	4 3	4 3	111	1 4	4 2	2 4			11		1			4	4	3	
	Soft	CS-18	4137		2 2 2 2	3	3 3 3	3 3	3 3	1	1 3	3 4	4 4			1 1	1 1	1	1		3	13	3 2	
	Soft	CS-7	422			4 2	4 4		4	2 1	1													
F4 F4s N90s/N90 N8008s N70 N6006 N50 N5005 F3, F3HP, F3/T FM2 F3, FM2, FA, FE2 F3HP, F3/T, N90, N50	Soft	CS-8	425	1	22	14	4 3 2	2 4	4	11	1	2	П	П							4		2	
F3, FM2, FA, FE2	Soft	CS-9	426	Leatnerette	2 2 4	1 3	3 3 4	1 3	3 3	11	1 4	4 4	4 4			4 4	4 4	4		П	3	4	3	
	Soft	CS-10	427		2 2 4	1 3	3 3 2	3 3	3 3		1 4	3 4	4 4	44	1 4	11	1 1	1	1	П	3	14:	3 2	
F3HP, F3/T, N90, N50	Soft	CS-19	4138	7 (1	2 2 4	13	3 3 4	4 3	4 3	11	1 4	4	1			22		2			4	4	4	
																						THE REAL PROPERTY.	50,000	
N8008s, N6006, N5005	Soft	CS-20	4139	Leatner	2 2 2 2	1 3	3 3 1	3 3	3 3	11	1 3	3 4	4 4			11	1 1	1	1		3	1 3 1	92	
N8008s, N6006, N5005	Soft Speed Case	CS-20 CF-34	4139 4434		2 2 2 2	3 3	3 3 3	3 3	3 3 3	1 1	1 3	3 4	1 4 4			1 1 4 4	1 1	3 3	1 4 :	3	3	1 3	9 2	

NIKON SLR CAMERA FEATURES AND SPECIFICATIONS

	F4S	N90s	N90	N70	N6006	
Camera Type	35mm AF SLR w/built-in motor drive.	35mm AF SLR w/built-in motor drive.	35mm AF SLR w/built-in motor drive.	35mm AF SLR w/built-in motor drive.	35mm AF SLR w/built-in motor drive.	
Lens mount	Nikon F Bayonet.	Nikon F Bayonet.	Nikon F Bayonet.	Nikon F Bayonet.	Nikon F Bayonet.	
Interchangeable Lens Compatibility	All AF and AF-1 Nikkor lenses provide full autofocus and metering operations. Al-P lenses (max. aperture f5.6) provide manual focus w/electronic rangefinder and full metering operations. Al lenses (max. aperture f5.6) provide manual focus w/electronic rangefinder and aperture priority and manual exposure mode and full metering operations. Check F4 instruction manual for further details.	All AF and AF-I Nikkor lenses including D Type ⁹ provide full autofocus and metering operations. AI-P lenses (max aperture f5.6) provide manual focus w/electronic rangefinder and full metering operations. AI lenses (max aperture f5.6) provide manual focus with electronic rangefinder and aperture priority and manual focus w/CW and spot metering operations. Check N90s instruction manual for further details.	All AF and AF-I Nikkor lenses including D Type ⁹ provide full autofocus and metering operations. Al-P lenses (max aperture f/5.6) provide manual focus w/electronic rangefinder and full metering operations. Al lenses (max. aperture f/5.6) provide manual focus with electronic rangefinder and aperture priority and manual focus w/CW and spot metering operations. Check N90 instruction manual for further details.	All AF and AF-I Nikkor lenses including D Type ⁹ provide full autofocus and metering operations. AI-P lenses (max aperture f/5.6) provide manual focus w/electronic rangefinder and full metering operations. Al lenses (max. aperture f/5.6) provide manual focus with electronic rangefinder and aperture priority and manual focus w/CW and spot metering operations. Check N70 instruction manual for further details.	All AF Nikkor lenses¹ provide full autofocus and metering operations. Al-P lenses (max. aperture 15.6) provide manual focus w/electronic rangefinder and full metering operations. Al lenses (max. aperture 15.6) provide manual focus w/electronic rangefinder and aperture priority and manual exposure mode w/CW and spot metering operations. Check N6006 instruction manual for further details.	
Viewfinder	Interchangeable with the standard DP-20 Finder, three TTL meters provided. 5-segment Matrix Meter, 60/40 center-weighted meter and spot meter (Spot meter is built into body of F4 and is available with any F4 accessory finders).	Fixed eye level pentaprism with high eyepoint.	Fixed eye level pentaprism with high eyepoint.	Fixed eye level pentaprism with high eyepoint.	Fixed eye level pentaprism with high eyepoint.	
Viewfinder Coverage	Approx. 100%.	Approx. 92%.	Approx. 92%.	Approx. 92%.	Approx. 92%.	
Metering System	With DP-20 Finder, three TTL meters provided: 5-segment matrix, center-weighted and spot.	Three TTL meters provided: 8- segment 3D matrix meter ⁹ , 75/25 center-weighted and spot meter.	Three TTL meters provided: 8- segment 3D matrix meter ⁹ , 75/25 center-weighted and spot meter.	Three TTL meters provided: 8- segment 3D matrix meter ⁹ , 75/25 center-weighted and spot meter.	Three TTL meters provided: 5- segment matrix meter, 75/25 center-weighted and spot meter.	
Meter EV Range (ISO 100, f/1.4)	EV 0-21 (EV 2-21 w/spot meter).	EV minus 1-21 (EV 3-21 w/spot meter).	EV minus 1-21 (EV 3-21 w/spot meter).	EV minus 1-20 (EV 4-20 w/spot meter).	EV 0-19 (EV 4-19 w/spot meter).	
Shutter	Vertical focal plane, controlled from L/8000 to 30 seconds steplessly in PH, P or A mode ⁴ . Set from L/8000 to 4 seconds in one EV step in M or S mode. Bulb and time provided.	Vertical focal plane, controlled from 1/8000 to 30 seconds; bulb setting, P, S, A – 30 sec. to 1/8000 stepless ⁴ in 1/3 shutter speed increments. S, M – 30 sec. to 1/8000 in 39 steps plus bulb.	Vertical focal plane, controlled from 1/8000 to 30 seconds; bulb setting, P, S, A – 30 sec. to 1/8000 stepless ⁴ S, M – 30 sec. to 1/8000 in 19 steps plus bulb.	Vertical focal plane, controlled from 1/4000 to 30 seconds; bulb setting P, A – 30 sec. to 1/4000 stepless ⁴ in 1/3 shutter speed increments. S, M – 30 sec. to 1/2000 in 34 steps plus time.	Vertical focal plane, controlled from 1/2000 to 30 seconds; bulb setting. P, A – 30 sec. to 1/2000 ⁴ S, M – 30 sec. to 1/2000 in 17 steps plus bulb.	
Film Advance	CH mode approx. 5.7 fps; CL mode 3.4 fps; CS mode 1.0 fps ² .	CH mode approx. 4.3 fps, CL mode 2.0 fps.	CH mode approx. 3.6 fps, CL mode 2.0 fps ² .	CH mode approx. 3.7 fps, CL mode 2.0 fps.	CH mode approx. 2.0 fps, CL mode 1.2 fps ³ .	
Film Rewind ⁸	Power rewind (approx. 8 sec. with 36 exp.) or manual.	Power rewind, automatic when set with DataLink.	Power rewind, automatic when set with DataLink.	Power rewind.	Power rewind, 19 sec. w/24 exp.	
DX Range	ISO 25-5000.	ISO 25-5000.	ISO 25-5000.	ISO 25-5000.	ISO 25-5000.	
ISO Range (manual setting)	ISO 6-6400.	ISO-6-6400.	ISO-6-6400.	ISO 6-6400.	ISO 6-6400.	
Built-in Flash	_	_	_	GN#46 ISO 100 covers 28mm lens, red- rye reduction, TTL flash control incl. 3D multi-sensor balanced fill flash, slow & rear sync, monitor pre-flash	GN#43 covers 28mm lenses or longer; TTL auto balanced fill flash possible.	
Flash Sync	1/60-1/250 sec. in PH, P or A mode. In M or S mode shutter fires at selected speed but when set to 1/250 to 1/8000 sec. shutter is automatically set to 1/250 sec and B + T settings. Down to 30 sec. is possible using SB-25, SB-24 set to rear curtain sync in PH, P or A mode.	1/60-1/250 sec. in P or A modes or 1/250 to 30 sec. in slow sync and B setting. In M or S mode, shutter fires at selected speed, but when set to 1/250 to 1/8000 sec. shutter is automatically set to 1/250 sec. With SB-26, N90s can sync up to 1/4000 sec. in FP mode.	I/60-I/250 sec. in P or A modes ¹¹ or I/250 to 30 sec. in slow sync and B setting. In M or S mode, shutter fires at selected speed, but when set to I/250 to I/8000 sec. shutter is automatically set to I/250 sec. With SB-25, N90 can sync up to I/4000 sec. in FP mode.	1/60-1/125 sec. P or A mode; 1/125 to 30 sec. in slow sync mode and B setting. In M or S mode, shutter fires at selected speed but when set to 1/250 to 1/2000 sec., shutter is automatically set to 1/125 sec.	1/60-1/125 sec. P or A mode; 1/125 to 30 sec. in slow sync mode and B setting. In M or S mode, shutter fires at selected speed but when set to 1/250 to 1/2000 sec., shutter is automatically set to 1/125 sec.	
Speedlight Control	TTL automatic matrix balanced fill flash ¹⁰ . Refer to instruction manual for further information.	5-segment TTL flash sensor, 3D multi-sensor balanced fill flash (only w/N90s + SB-26 + D-type lens) in all metering modes. Refer to instruction manual for further information.	5-segment TTL flash sensor, 3D multi-sensor balanced fill flash (only w/N90 + SB-25 + D-type lens) in all metering modes. Refer to instruction manual for further information.	5-segment TTL flash sensor, 3D multi-sensor balanced fill flash in all metering modes. Refer to instruction manual for further information.	TTL automatic matrix balanced fill flash w/built-in speedlight or using Nikon TTL Speedlights ¹⁰ . Refer to instruction manual for further information.	
# Rolls Film with Fresh Batteries ⁵	MB-21 w/AA alkaline-manganese approx. 90 rolls (68°F); MB-21 w/Nicad batteries approx. 70 rolls (68°F).	MB-10 w/AA alkaline manganese approx. 50 rolls w/AA lithium approx. 90 rolls	w/AA alkaline-manganese approx. 75 rolls (68°F) ^{5, 6} .	w/6 Volt Lithium 115 rolls (68°F).	w/6V lithium approx. 75 rolls (68°F, without flash) ^{5, 6} .	
Power Source	MB-21 battery pack (6 AA*) batteries; MB-20 battery pack (4AA*) batteries; MB-22 External Power Regulator; MB-23 Power pack (AA* or Nikon MN-20 Nicad batteries).	Four AA alkaline/lithium batteries.	Four alkaline AA batteries.	Two CR 123-a Lithium Batteries	6V lithium batteries.	
Dimensions	With MB-21, 6.6" x 5.4" x 3.0".	6.1" x 4.2" x 2.7".	6.1" x 4.2" x 2.7".	5.9" x 4.1" x 2.8".	6.1" x 4.0" x 2.6".	
Weight	With MB-21, 45.1 oz.	26.6 oz.; w/MB-10, 34 oz.	26.6 oz.	20.6 oz.	23.0 oz.	

¹⁻AF-I Nikkor lenses provide manual focus operation but provide full metering function.

 $^{2-\}mbox{New AA}$ alkaline-manganese, shutter set at 1/250 sec. or faster and normal temperatures.

 $^{3-{\}rm New}$ AA alkaline-manganese, shutter set at 1/125 sec. or faster and normal temperatures.

 $⁴⁻Actual \ slowest \ shutter \ speed \ depends \ on \ lighting \ conditions.$

^{*} Alkaline/Nicad batteries only.

⁵ – Depends on battery life and type and operating temperature.

^{6 –} Film advance in CH mode, AF-C, shutter speed 1/125 or faster (N90: 1/250 or faster, 68°F, standard zoom lens, one frame closest focus to infinity).

 $^{7- \\} Battery \ life \ shooting \ 2 \ rolls \ per \ month \ for \ approximately \ one \ year \ (silver \ oxide \ or \ lithium \ type).$

^{8 -} Mid roll rewind possible with all Nikon SLRs.

N50	F 3HP	FM2				
35mm AF SLR w/built-in motor drive.	35mm SLR w/optional motor drive.	35mm SLR w/optional motor drive.				
Nikon F Bayonet.	Nikon F Bayonet.	Nikon F Bayonet.				
AF Nikkor lenses provide full autofocus and metering operations. AI-P lenses (max. aperture /5.6) provide manual focus and full metering operations. Check N50 instruction manual for further details.	All Nikkor AF, AI-P, AF-I, AI-S lenses. Check F3HP instruction manual for further details.	All Nikkor AF, AF-I, AI-S lenses. Check FM2 instruction manual fo further details.				
FIxed eye level pentaprism with high eyepoint.	Eye level high eyepoint DE-3 standard, interchangeable w/5 others.	Fixed eye level pentaprism.				
A 000/	Approx. 100%.	Approx. 93%.				
Approx. 90%. Two TTL meters provided: 5- segment 3D matrix meter for P, S and A modes. 75/25 center-weighted meter for manual exposure mode.	TTL center-weighted meter 80/20.	TTL center-weighted meter 60/40.				
EV 1-20.	EV 1-18.	EV 1-18.				
Vertical focal plane, controlled stepless from 1/2000 to 30 seconds; time setting. P, A, M, S – 30 sec. to 1/2000 in 17	Horizontal, titanium, focal plane, controlled from 1/2000 to 8 seconds; bulb and time setting, A – 8 sec. to 1/2000 ⁴ .	Vertical, focal plane, controlled from 1/4000 to 1 second in 14 steps bulb setting.				
steps ⁴ Automatic advance at approx. 1	M, T, B, X – 8 sec. to 1/2000 in 16 steps. Manual, w/MD-4 Motor Drive C mode approx. 3.8 fps ³ .	Manual, w/MD-12 Motor Drive C mode approx. 3.2 fps ³ .				
fps ³ . Automatic rewind, 17 sec. w/36 exp.	Manual w/MD-4 Motor Drive: 8 sec. w/36 exp.	Manual.				
ISO 25-5000.	w/50 exp.	_				
ISO 6-6400 (Advanced mode).	ISO 12-6400.	ISO 12-6400.				
GN#42.7 covers 35mm lenses or longer; TTL matrix balanced fill flash with Nikon TTL Speedlights.	_	(—)				
1/125 sec. or slower.	All speeds up to 1/80 sec.	All speeds up to 1/250 sec.				
TTL automatic balanced fill flash w/built-in Speedlight or using Nikon TTL Speedlights. Refer to instruction manual for further information.	TTL automatic flash.	Automatic flash.				
w/6v lithium approx. 80 rolls (68°F, without flash) ⁵ .	7	7				
6V lithium batteries.	2 SR-44 batteries.	2 SR-44 batteries.				
5.9" x 3.8" x 2.8".	5.8" x 4.5" x 2.8".	5.6" x 3.5" x 2.4".				
20.5 oz.	26.8 oz.	19.0 oz.				

9 – 3D matrix metering is selected with D-type AF Nikkor lenses; advanced matrix metering is selected with non-D-type
lenses.

- 10- With Nikon TTL Speedlights SB-25, SB-24, SB-23, etc.
- 11 Flash sync w/60mm focal length or longer. When using lens with focal length of 60mm or shorter, sync is 1/focal length (P and A modes).

		F4S	806N	06N	N70	9009N	N50	F3HP	FM2N
	Continuous AF								
	Single AF		18	19					
	Focus Tracking								
Autofocus	AF wide/spot selection								
ittorocus	AF Lock								
	Manual Focus								
	AF-I compatibility	10	10	10	10	9	9	9	9
	8-segment meter	10	1	1	1	-	-	-	
	5-segment meter	2	- A CONTRACTOR	-015-0102	-				
Metering	6-segment meter						6		
Meternig	Center Weighted Meter						7		
	Spot Meter						000000000000000000000000000000000000000		
	Multi-Program	\$400000000	20000000			2/10/20/20/20			
	Program Hi				2.00000000				
	Dual Program	S1000000							
	Program								
	Shutter Priority								
	Aperture Priority								
Exposure	Manual								
Exposure	Vari-Program					200000000	8		
	All mode Bracketing				15		U		
	AE mode Bracketing				15	15			
	Compensation				10	10			
	AE Lock							90000000	
							00000		
	Memory setting function	_	-						
	Built-in Speedlight								
	Multi-sensored balanced fill-flash		3	3	14				
	TTL balanced fill-flash			B1000000	80000000	100000000		4	
Flash	Standard TTL flash	13					12		
	Slow and/or rear curtain sync	11	2000-0000		15		12		-
	TTL flash compensation	11	11	11	15				
	Flash Bracketing	BRITTON			15				10.00
	Automatic Rewind								
	Manual Rewind			W. W. W. W. W. W.		. 0000000000	100000000000000000000000000000000000000		
	Two button auto reset								-
	Two shot self-timer	W. C.			4				
	Interchangeable viewfinder			T MARKET STATE			-		
Misc.	Interchangeable focus								
	Screens				8				
	Eyepiece shutter		10	10	10	16	16	16	1
	Cable Release		16	16 5	16	10	10	10	
	Remote Terminal		9	9			-	-	+
	World Time					-			-

- AF-I Nikkor lenses. Full autofocus and meter operation.
- With most Nikkor lenses (refer to instruction manual).
- AF and P Nikkor (lenses w/CPU).
- Only with SB- 26, SB-25, SB-24, SB-23, etc. and AF Nikkor.
- Only with SB 26, SB-25, SB-24, SB-23, etc.
- AF Nikkor.
- Possible with Multi-Control Back or Data Back.
- 1 When using D-type lenses changes to 3DMulti-sensor metering.
- 2 Nikkor lenses w/CPU and AS-I, AI.
- 3 With SB-26 and D-type Nikkor 3D multi-sensor balanced fill flash.
- 4 With SB-16, SB-17, etc.
- 5-10 pin terminal.
- $6-Center\hbox{-weighted metering in manual}$ exposure mode.

- 7- D-type Nikkor allows 6-segment metering.
- 8 N50 in Simple mode; general purpose, landscape, portrait, close-up; in Advanced mode, sport, silhouette, night scene and motion effect programs.
- $9-{\rm Manual}$ focus with full meter operation.
- 10 Full autofocus and metering operation.
- 11 With SB-26, SB-25, SB-24 rear sync and flash compensation is possible.
- 12 Slow sync only.
- 13 Performance varies with lens type and finder.
- 14 Multi-Sensor w/ built-in flash
- 15 Controlled from camera position
- 16 MC-20 Cord
- 17 MC-12 Cord
- 18 Focus Tracking 4.1 fps
- 19 Focus Tracking 3.0 fps

Nikkor 35mm Lenses

LIKE NO OTHER LENSES IN THE WORLD

Purchasing a Nikon SLR camera body is just the beginning of your extraordinary adventure in photography. The next step is choosing a lens — or a series of lenses — that will give you the power and flexibility to capture the world in a virtually unlimited number of ways. Nikon offers the largest selection of interchangeable lenses, from fisheye to super-

telephoto. And behind every lens is a history of Nikon quality and innovation that has consistently set new standards of excellence. Nikon's technological advances have expanded the photographer's ability to accurately record, or creatively interpret, what he or she sees.

Nikon's most remarkable innovation,
however, may be its consistent use of the
Nikon F lens mount. Introduced with the
original Nikon F, this lens mount has
proven to be a timeless invention and is an

integral part of Nikon's most
advanced SLRs. The Nikon F lens
mount means your camera is
compatible with literally
hundreds of Nikkor lenses. And,

as Nikon innovation continues, your investment in Nikon quality continues to pay off with future system compatibility.







GREAT LENSES START WITH

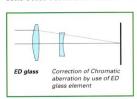
GREAT OPTICAL GLASS

Nikon standards for glass purity are so exacting, we had to build our own glassworks to produce high quality glass for Nikkor lenses. Nikon lens designers can choose from among 200 types of glass, so every lens element leads to perfect results. If the right glass doesn't exist, Nikon invents it.

EXTRA-LOW DISPERSION GLASS ---

A NIKON INNOVATION

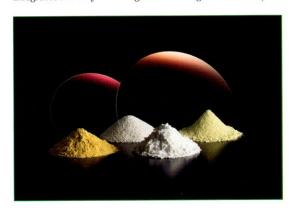
Even when you're using the most powerful Nikkor super-telephoto lens, your pictures will be clear and sharp, with excellent color rendition. That's because many Nikkor telephoto and



super-telephoto lenses are made with ED glass, a Nikon innovation that virtually eliminates the "color fringing" common with regular lens glass in longer focal lengths.

NIKON INTEGRATED COATING

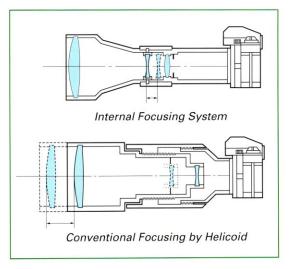
Light is beautiful, but unless it is carefully controlled, your pictures won't be. Nikon goes one step further. Nikon integrates multilayer coating into the design of each lens,



making sure that just the right number of coatings are applied to each lens element. Flare is dramatically reduced, and there is a corresponding increase in image contrast and light transmission. Uniform color balance is achieved throughout the entire Nikkor line-up. The end result is the world's greatest pictures.

NIKON CLOSE-RANGE CORRECTION SYSTEM

When focusing at extremely close distances, most lenses offer image quality that is diminished. Clearly, that isn't good enough for Nikon. We invented an entirely new system for close-range focusing. With Nikon CRC (Close-Range Correction), the lens elements shift position in relation to each other, so that at close shooting distances curvature of field is reduced to the bare minimum. High resolution is possible even at close distances.



INTERNAL FOCUSING

When you're on assignment, you need the best telephoto equipment, not the heaviest. That's why Nikon invented Internal Focusing. With IF, only an internal small lens group shifts during focusing, which doesn't increase the size of the lens barrel. The IF lens is smaller, weighs less, and still achieves crisp, sharp focusing.

QUALITY MECHANICAL CONSTRUCTION

With a Nikkor lens there is no room for compromise. Nikon uses only the best materials and the latest manufacturing techniques. You can see the results in the pictures you take

with Nikkor lenses, and you can also feel the results when you oper-

ate the lens. Turn the focusing ring or move the aperture ring back and forth and you'll marvel at

the smoothness.

Every piece of the lens is machined to such exact tolerances that you're assured of extraordinarily smooth operation over a lifetime of use.

GOING TO ANY LENGTHS

From 6mm to 2000mm, choose the Nikkor lens that best meets your needs. The photos to the right show you how focal length affects the size of the subject in the final photograph.



20MM



35MM



50MM



85MM



135MM



200MM



300mm



600MM

FISHEYE LENSES (6MM, 8MM, 16MM)

Originally developed for scientific or industrial applications, Fisheye lenses are now also widely used in advertising, commercial, and general

photography. Fisheye lenses create a dramatic effect, showing the viewer the world as a fish might see it. With coverage up to 220°—virtually seeing backwards—Nikkor Fisheye lenses can add a new dimension to your photography.



6MM F/2.8 FISHEYE-NIKKOR AIS

Ideal for special effects, the extraordinary picture angle of 220° is 40° wider than standard fisheye lenses. This lens actually sees behind itself! Bright f/2.8 aperture for photographing in dim light or with fast shutter speeds. Close focusing down to 11 inches through-the-lens viewing and metering.

Easy filter interchange; 5 filters are built into a revolving turret inside the lens. A round image is created on the film.

Wt. 183.4 oz. Dim. 9.3 x 6.3". Nikon Product Number: 1405 NAS

8MM F/2.8 FISHEYE-NIKKOR AIS

For special effect photography, as well as a variety of scientific and industrial applications, this lens is ideal. All-encompassing 180° fisheye coverage

records everything in front of the camera, and produces a circular image on the film. Bright f/2.8 aperture for dim light or fast shutter speeds. Closefocusing down to 1 foot. Full-aperture viewing and metering. Easy filter interchange: 5 filters are built into a revolving turret inside the lens. Wt. 38.8 oz. Dim. 4.8 x 5.0".

Nikon Product Number: 1402 NAS

16MM F/2.8 FISHEYE-NIKKOR AIS

Weighing only 10.5 ounces, and as small as a normal lens, this Fisheye is ideal for special effects applications where exceptional portability is a benefit — photojournalism, for example. 180° coverage for exaggerated perspective rendition. Bright f/2.8 aperture for photographing in dim light or with fast shutter speeds. Full-aperture viewing and metering. Easy filter interchange: four 39mm filters bayonet onto the back of the lens. High contrast images even at full aperture. Wt. 11.6 oz. Dim. 2.5×2.2 ".

Nikon Product Number: 1408 NAS

16MM F/2.8D AF* FISHEYE-NIKKOR

Combines the special effects advantages of 180° coverage with Nikon's advanced D-type autofocus lens technology. Bright f/2.8 aperture for photographing in dim light or with fast shutter speeds. Full-aperture viewing and metering. Four 39mm filters bayonet onto the back of the lens. High-contrast images even at full aperture. Exceptionally lightweight for a fisheye lens. Wt. 10.1 oz. Dim. 2.5 x 2.2".

Nikon Product Number: 1910 NAS



ULTRA WIDEANGLE LENSES (13MM, 15MM, 18MM, 20MM)

Ultra wideangle lenses are perfect for travel and landscape photography, or any application in which you



need to capture an expansive scene. Unlike fisheye lenses, which curve images, ultra-wide angle lenses render straight lines in the subject as straight lines in the photograph.

Another interesting feature of an ultra-wide angle lens is its ability to exaggerate the size of subjects close to the lens. By stretching out the apparent space between foreground and background, an ultra-wide angle lens creates a striking impression of three-dimensionality.

13MM F/5.6 NIKKOR AIS

118° picture coverage — the widest of any ultra-wide angle lens in 35mm photography. Ideal for single-shots of landscapes. Straight-line rendition of subjects. Nikon lens technology eliminates light fall-off and poor resolution in the frame corners typical of lenses with such wide coverage. Nikon Close-Range Correction System assures sharp images even at closest focusing distance (12 inches). Supplied with set of four 39mm filters which bayonet onto the back of the lens. Wt. 42.3 oz. Dim. 4.5 x 3.5".

Nikon Product Number: 1410 NAS

15MM F/3.5 NIKKOR AIS

 110° picture angle creates stunning landscape photographs. Also ideal for shooting in confined interior spaces. Straight-line rendition of subjects. Immense depth of field practically eliminates the need to focus at smaller f-stops. Close-Range Correction System insures sharp images even at a distance of 12 inches. Supplied with set of four 39mm filters which bayonet onto the back of the lens. Wt. 22.2 oz. Dim. 3.5 x 3.3".

Nikon Product Number: 1412 NAS

*"AF" designated lenses are autofocus. All AF lenses can also be focused manually. "D" designated lenses provide distance information to camera and Speedlight for the most precise exposure control in ambient and flash photography. Performance varies according to the equipment used. Refer to specific product information for further details.

18MM F/2.8D AF* NIKKOR

This lens has an exceptionally wide angle of view and outstanding image quality. Center-to-edge sharpness is superb, with excellent control of distortion and aberration. Aspherical lens and rear-focusing system ensures



superior optical performance. Fast f/2.8 maximum aperture with ultra-wide angle of view. Compact and lightweight for easy handling. Accepts 72mm filters.

Wt. 13.6 oz. Dim. 3.3 x 2.3".

Nikon Product Number: 1911 NAS

20MM F/2.8D AF* NIKKOR AIS

This ultra wideangle autofocus lens allows for pin point focusing even in dim light. 94° picture coverage with edge-to-edge sharpness. Tremendous depth of field enables quick shooting. Close-Range Correction for distortion-free pictures as close as 10 inches. No light fall-off even when wide open. Accepts 62mm filters.

Wt. 9.2 oz. Dim. 2.6 x 1.7".

Nikon Product Number: 1913 NAS

WIDE-ANGLE LENSES (24MM, 28MM, 35MM)



When you're shooting "on the run," with no time to focus or compose carefully, Nikon wide-angle lenses are a smart choice. The picture angle is large, depth of field is ample, and the optics are fast. Shoot under a wide range of lighting conditions with confidence. Nikkor wide-angle lenses have a variety of applications, including photojournalism, commercial, and travel photography.

24MM F/2 NIKKOR AIS

Wide 84° picture angle, extra depth of field, and a large f/2 maximum aperture make this lens suitable for many applications, but especially those that involve shooting with available light. Shoot landscapes, candids, sports, or interiors. Weighs only 10.5 ounces. Superb picture quality, even as



close as 12 inches, thanks to Nikon's Close-Range Corrections System. Accepts 52mm filters. Wt. 10.6 oz. Dim. 2.5 x 2.0".

Nikon Product Number: 1417 NAS

24MM F/2.8D AF* NIKKOR

An ideal wide-angle lens with excellent optical performance. Autofocus operation is fast and accurate, and the lens' light weight and compactness make it highly versatile. Close-Range Correction System ensures high resolution down to 15 inches. Accepts 52mm filters.

Nikon Product Number: 1919 NCP

Wt. 9.5 oz. Dim. 2.6 x 1.8".



28MM F/1.4D AF* NIKKOR

This exceptionally fast autofocus wideangle lens is perfect for low-light photography. No photojournalist should board a plane without one. Accepts 72mm filters. Wt. 18.3 oz. Dim. 3.0×3.1 ".

Nikon Product Number: 1921 NAS



Considered the standard wideangle lens, this 28mm gives you a picture angle of 74°, and a fast f/2 maximum aperture for easy focusing even in very dim light. Ideal for candids, cityscapes, travel photography. Sharp images at all apertures. Close-Range Correction System for edge-to-edge sharpness at minimum focusing distance of 11 inches. Weighs only 12.7 ounces. Accepts 52mm filters.

Wt. 12.7 oz. Dim. 2.5 x 2.3".

Nikon Product Number: 1419 NAS

28MM F/2.8D AF* NIKKOR AIS

Designed for the photographer who wants to carry only one wide-angle lens, the 28 mm f/2.8 AF Nikkor offers exceptional flexibility, from landscapes to star trails. 74° picture coverage. Focus down to 9 inches: Close-Range Correction System ensures sharpness. Accepts 52 mm filters.

Wt. 8.8 oz. Dim. 2.5 x 1.8".

Nikon Product Number: 1922 NCP

35MM F/1.4 NIKKOR AIS

One of the fastest Nikkor wideangle lenses, for easy pinpoint focusing, even indoors in dim light. 62° picture coverage. Extra depth of field for spur-of-themoment "grab shots." Close-Range Correction System for sharp pictures down to 12 inches. Accepts 52mm filters.

Wt. 14.1 oz. Dim. 2.7 x 2.4".

Nikon Product Number: 1429 NAS

35MM F/2 AF* NIKKOR AIS

A popular choice for travel photography and candids, the 35mm f/2 AF Nikkor offers autofocus capability, plus 62° picture coverage, additional depth of field, and a wide maximum aperture. Compact size, light weight. Accepts 52mm filters.

Wt. 9.9 oz. Dim. 2.5 x 2.0".

Nikon Product Number: 1920 NCP







* "AF" designated lenses are autofocus. All AF lenses can also be focused manually. "D" designated lenses provide distance information to camera and Speedlight for the most precise exposure control in ambient and flash photography. Performance varies according to the equipment used. Refer to specific product information for further details.

NORMAL LENSES (50MM)

"Normal" lenses earned their name by offering photographers an angle of view closest to that of the human eye, around 45°. Normal lenses also offer

wide maximum apertures, which make available light photography possible even in low-light situations.

The combination of features makes "Normal" lenses very useful in a wide range of applications, from candids to landscapes.



50MM F/1.2 NIKKOR AIS

This incredible ultra-fast lens is ideal for candids, scenics, and other available-light shooting. Image quality is superb. It is extremely well corrected for coma and spherical aberation. Accepts 52mm filters. Wt. 13.4 oz. Dim. 2.7 x 1.9".

Nikon Product Number: 1435 NAS

50MM F/1.4 AF NIKKOR AIS

One of the most widely used autofocus lenses in all of photography. Fast enough for shooting in just about any type of light. Distortion-free images with superb resolution and color rendition. Weighs only 8.8 ounces. An ideal first lens, perfect for full-length portraits, travel photography, or any type of available-light shooting. Accepts 52mm filters.

Wt. 8.8 oz. Dim. 2.5 x 1.6".

Nikon Product Number: 1904 NCP

50MM F/1.8 AF NIKKOR AIS

An affordable Nikkor that combines the ease of autofocus operation with advanced Nikon optics. Ideal for scenery or full-length portraits. Weighs only 5.1 ounces. Stops down to f/22 for additional depth of field control. Accepts 52mm filters.

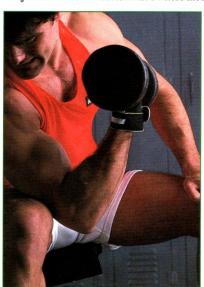
Wt. 5.1 oz. Dim. 2.5 x 1.1".

Nikon Product Number: 1906 NCP



MODERATE TELEPHOTO LENSES (85MM, 105MM)

Portraits or candids that include just the head and shoulders of your subject are often the most desirable. Unfortunately, getting close enough to achieve that result can make your subject feel uncomfortable. That's where moderate telephoto lenses come in handy. They're



specially designed to let you fill up the frame with your subject, without getting too close. Other applications for moderate telephoto lenses include photographing distant landscapes or isolating important details in cityscapes.

85MM F/1.4 NIKKOR AIS

The fastest telephoto in the Nikkor line.
Beautiful selective focus at maximum aperture makes this lens ideal for people pictures. The first telephoto lens to employ Nikon's Close-Range Correction
System, ensuring high resolution down to a close focusing distance of 36 inches. Accepts 72mm filters. Wt. 21.9 oz. Dim. 3.2 x 2.5".

Nikon Product Number: 1450 NAS

Nikon Product Number: 1457 NAS

105MM F/1.8 NIKKOR AIS

portraits. Accepts 62mm filters.

Wt. 20.5 oz. Dim. 3.1 x 3.2".

Nikon defocus control offers new creative possibilities for shallow depth-of-field portrait photography. Photographers can fine-tune the foreground or background image area, creating unique blurred effects. Auto-

Ideal for candids, portraits, sports, and available-light shoot-

Shallow depth-of-field and natural perspective insure life-like

ing. The fastest lens on the market in the 105mm class.

focus option. Accepts 72mm filters. Wt. 21.9 oz. Dim. 3.0 x 4.1".

Nikon Product Number: 1932 NAS



105MM F/2.5 NIKKOR AIS

Considered the classic portrait lens, with ideal picture coverage of 23°. Relatively large maximum aperture is convenient for pinpoint focusing and shooting in available light. Focuses down to 42 inches.

Accepts 52mm filters.

Wt. 15.3 oz. Dim. 2.5 x 2.7".

Nikon Product Number: 1456 NCP

85MM F/1.8D AF* NIKKOR AIS



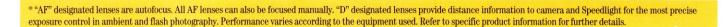
Autofocus capability for easy indoor or outdoor portraiture.

Exceptionally compact for a telephoto lens. Focuses down to 36 inches.

An excellent choice for your first telephoto lens. Accepts 62mm filters.

Wt. 14.6 oz. Dim. 2.8 x 2.3".

Nikon Product Number: 1931 NCP



TELEPHOTO LENSES (135MM, 180MM, 200MM, 300MM)

Telephoto lenses pull in distant scenes, allowing you to create dramatic frame-filling photographs of sports, wildlife, or any other subject. Subject stands out from background for dramatic compositions.



135MM F/2 AF*-DC NIKKOR AIS

Features unique Nikon Defocus-image Control technology, which allows you to control background and foreground blur for striking portraits. Autofocus



capability. Large maximum aperture for shooting in dim light. Accepts 72mm filters. Wt. 30.7 oz. Dim. 3.1 x 4.7".

Nikon Product Number: 1934 NAS

135MM F/2.8 NIKKOR AIS

An excellent choice for action photography and available light shooting. Very compact and light for a lens of this focal length. Stops down to f/32. Accepts 52mm filters. Wt. 15.3 oz. Dim. 2.5 x 3.3".



Nikon Product Number: 1462 NCP

180MM F/2.8N ED-IF AF* NIKKOR AIS

Ideal for sports, action, or news photography. Features Nikon IF (Internal Focusing) technology — lenses inside the barrel adjust, without requiring an



extension of the barrel. Autofocus capability. Nikon ED glass assures superb sharpness and image quality. Accepts 72mm filters. Wt. 28.2 oz. Dim. 3.1 x 5.1".

8Nikon Product Number: 1939 NAS

200MM F/2 ED-IF NIKKOR AIS

The professional's choice for sports and action photography. Fast f/2 \mid maximum aperture allows high shutter speeds in lower light. Shooting at f/2 isolates subject from background for sharpness and clarity. Nikon ED glass assures sharp images. Nikon Internal Focusing. 360° rotatable tri-

pod socket collar offers quick and secure change from horizontal to vertical format. Accepts 122mm filters.

Wt. 89.9 oz. Dim. 5.2 x 8.9".

Nikon Product Number: 1465 NAS

300MM F/2.8D ED-IF AF-I* NIKKOR AIS

Nikon technology makes this lens ideal for sports photography. Instant manual focus override just by touching the focus ring. ED glass for sharp, colorful pictures. Accepts 39mm filters.

Wt. 104.1 oz. Dim. 4.9 x 9.5".

Nikon Product Number: 1942 NAS



300mm F/4 ED-IF AF* NIKKOR AIS

Spectacular telephoto effects can be achieved with this exceptionally light-weight telephoto lens. Ideal for travel photography, fast-moving sports, and wildlife. Nikon Internal Focusing for compactness. Nikon ED glass assures sharp images. 360° rotatable tripod socket collar. Accepts 39 or 82mm filters. Wt. 46.9 oz. Dim. 3.5 x 8.6".

Nikon Product Number: 1946 NAS



SUPER-TELEPHOTO LENSES (400MM, 500MM, 600MM, 800MM)

Super-Telephoto lenses deliver the ultimate in telephoto photography. Nikon offers the widest variety of this type of lens, plus exclusive Nikon technology that can help you get the most out of your sports, wildlife, or creative photography.

400MM F/2.8 ED-IF NIKKOR AIS

Exceptionally wide maximum aperture for a 400mm lens, ideal for creating dramatic, frame-filling images in dim light. Internal Focusing technology assures smooth focusing without any extension of the

lens barrel. ED glass for sharp images. Accepts 52mm filters. Wt. 181.7 oz. Dim. 6.4 x 14.9".z

Nikon Product Number: 1499 NAS





*"AF" designated lenses are autofocus. All AF lenses can also be focused manually. "D" designated lenses provide distance information to camera and Speedlight for the most precise exposure control in ambient and flash photography. Performance varies according to the equipment used. Refer to specific product information for further details.

400MM F/2.8D ED-IF AF-I* NIKKOR

Advanced autofocus capability combined with an exceptionally wide maximum aperture make this lens a "must have" for sports or wildlife photography - especially in low-light situations. Nikon Internal Focusing assures smooth focusing action without extension of lens barrel. Built-in D/C coreless focus-driving motor assures lighting fast autofocus operation. ED glass for sharp images.

Accepts 52mm filters. Wt. 222.2 oz. Dim. 6.2 x 4.8".

Nikon Product Number: 1948 NAS



400MM F/3.5 ED-IF NIKKOR AIS

For capturing fast-moving sports action in a variety of lighting conditions. Nikon Internal Focusing assures smooth focusing without extension of lens barrel. ED glass for sharp images.

Accepts 39 or 122mm filters.

Wt. 98.8 oz. Dim. 5.3 x 11.7".

Nikon Product Number: 1473 NAS

400MM F/5.6 ED-IF NIKKOR AIS

For the sports, wildlife, or travel photographer who prefers to carry a lighter lens. Nikon Internal Focusing assures smooth

focusing action without extension of lens barrel. ED glass for sharp images.



Accepts 72mm filters. Wt. 42.3 oz. Dim. 3.3 x 10.0".

Nikon Product Number: 1489 NAS

500MM F/4 P IF NIKKOR AIS

This exceptional internal focusing lens includes a CPU making it compatible with all exposure modes available with Nikon advanced cameras. Incorporates ED glass for sharp. crisp images. Accepts 39mm filters.

Wt. 105.8 oz. Dim. 5.4 x 15.1".



500MM F/4D ED-IF AF-I

This super-quiet new telephoto lens uses Nikon's latest coreless focusing-drive motor for faster focusing times. Nikon ED glass for sharp, clear pictures. Internal focusing assures smooth focusing without extension of lens. A-M (Automatic-Manual) switch

enables instant switching from autofocus to manual focus by simply rotating focus ring. Focus down to 16 feet. Accepts 39mm filters. Please note: autofocus operation not possible with N50. Wt. 148.2 oz. Dim. 5.5 x 14.6".

Nikon Product Number: 1941 NAS



600MM F/4D ED-IF AF-I* NIKKOR AIS

Built-in D/C coreless focus-driving motor assures lightning fast autofo-

cus operation. Great for sports photography. Instant manual focus override. ED glass. Accepts 39mm filters. Wt. 213.4 oz. Dim. 6.5 x 16.4".

Nikon Product Number: 1951 NAS



The same level of magnification as the 600mm f/4, but without the focus-driving motor.

Another good option for sports photographers. Internal Focusing technology for smooth focusing action without extension of the lens barrel. ED glass for

sharp, colorful pictures. Accepts 39mm filters. Wt. 199.3 oz.

Dim. 6.8 x 18.3".

Nikon Product Number: 1492 NAS



600MM F/5.6N ED-IF NIKKOR AIS

Relatively compact and light for its long focal length. Ideal for sports, wildlife, and available-light shooting. Internal Focusing technology assures smooth focusing action without

any extension of the lens barrel. Nikon ED glass for sharp, clear, colorful telephoto pictures. Accepts 39mm filters. Wt. 98.8 oz. Dim. 5.2 x 15.3".

Nikon Product Number: 1494 NAS

800MM F/5.6 ED-IF NIKKOR AIS

Frame-filling 16X magnification of the subject. Ideal for sports, wildlife, or astrophotography. Internal Focusing technology assures smooth focusing action without extension of the lens

barrel. ED glass for sharp, colorful pictures. Accepts 52mm filters

Wt. 192.2 oz.

Dim. 6.4 x 21.5".

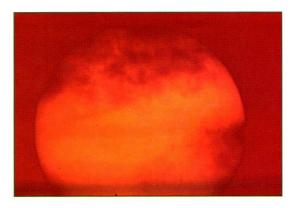
Nikon Product

Number: 1446 NAS



^{* &}quot;AF" designated lenses are autofocus. All AF lenses can also be focused manually. "D" designated lenses provide distance information to camera and Speedlight for the most precise exposure control in ambient and flash photography. Performance varies according to the equipment used. Refer to specific product information for further details

REFLEX LENSES (500MM, 1000MM, 2000MM)



Reflex-Nikkors employ the same magnification technology as powerful mirror-reflex telescopes. This makes them ideal for creating dramatic frame-filling photographs of far-off subjects. And because reflex lenses essentially fold the light path, they're smaller and lighter than conventional lenses with equivalent focal lengths.

500MM F/8N REFLEX-NIKKOR

An essential tool for every sports and wildlife photographer. Narrow 5° picture angle provides 10X magnification of the subject. Catadioptric (mirror) design eliminates chromatic aberration for outstanding picture quality. Focuses down to 5 feet. Accepts 39 or 82mm filters. Wt. 29.6 oz. Dim. 3.5×4.3 ".

Nikon Product Number: 953 NCP

1000MM F/11N REFLEX-NIKKOR

Ideal for photographing shy or dangerous animals. Powerful frame-filling 20X magnification. Outstanding picture quality. Very compact and light for its long focal length. Accepts 39mm bayonet filters. Wt. 67.0 oz. Dim. 4.7 x 9.2".

Nikon Product Number: 952 NAS



2000MM F/11 REFLEX-NIKKOR

Incredible 40X magnification provides stunning photographs of sports, wildlife, or the night sky. Outstanding image quality. Simple operation via two built-in knobs — one for focusing and the other for filter selection.

Easy filter interchange; 5 filters are built into a revolving turret inside the lens. Four 39mm filters bayonet onto the back of the lens. Wt. 617.3 oz. Dim. 10.3 x 23.4".

Nikon Product Number: 978 NAS



ZOOM LENSES



Zoom-Nikkor lenses offer excellent image quality and convenience. You can change focal lengths quickly, cropping subjects in the viewfinder, without ever having to change lenses or your shooting position.

20-35mm F/2.8D AF* ZOOM-NIKKOR



An incredibly sharp and fast wideangle zoom that incorporates three popular focal lengths -- 20mm, 24mm and 35mm. Holds its f/2.8 speed over the entire

range of focal lengths. Accepts 77mm filters. Wt. 22.6 oz. Dim. 3.2 x 3.7".

Nikon Product Number: 1953 NAS

24-50MM F/3.3-4.5 AF* ZOOM-NIKKOR AIS

Zoom from wideangle to normal by turning zoom control. Ideal for many applications, from candids to travel photography. Autofocus for ease-of-use. Focus down to 1.6 feet. Superb picture quality at every focal length. Accepts 62mm filters.

Wt. 13.2 oz. Dim. 2.8 x 2.9".

Nikon Product Number: 1954 NCP

28-70MM F/3.5-4.5D AF* ZOOM-NIKKOR AIS

Zoom from wideangle to short telephoto by turning zoom control. Autofocus for ease-of-use. Focus down to 16 inches. Accepts 52mm filters. Wt. 12.5 oz. Dim. 2.7×2.8 ".

Nikon Product Number: 1956 NCP



28-85MM F/3.5-4.5 AF* ZOOM-NIKKOR AIS

Gives you the flexibility to take pictures in the most popular focal lengths, all with one lens. Ideal for portraits or travel photography. Autofocus for ease-of-use. Focus down to 10 inches for dramatic close-ups. Accepts 62 mm filters. Wt. 19.0 oz. Dim. 2.8×3.5 ".

Nikon Product Number: 1959 NCP

*"AF" designated lenses are autofocus. All AF lenses can also be focused manually. "D" designated lenses provide distance information to camera and Speedlight for the most precise exposure control in ambient and flash photography. Performance varies according to the equipment used. Refer to specific product information for further details.

35-70MM F/2.8D AF* ZOOM-NIKKOR

One of the fastest Zoom-Nikkors, capable of handling low-light shooting situations. Constant 2.8 aperture throughout entire zoom range. Autofocus for ease-of-use. Focus down



to 11 inches. Accepts 62mm filters. Wt. 23.8 oz. Dim. 2.8 x 3.7".

Nikon Product Number: 1963 NAS

35-80MM F/4-5.6D AF* ZOOM-NIKKOR AIS



Weighing in at only 8.5 ounces, this powerful little zoom is ideal for travel photography. Accepts 52mm filters.

Wt. 9.0 oz. Dim. 2.6 x 2.4".

Nikon Product Number: 1970 NCP

35-105MM F/3.5-4.5 AF* ZOOM-NIKKOR AIS

Extensive 3X zoom range for wideangle, normal, telephoto. and macro photography, by sliding the zoom control. A great



autofocus travel lens. Focus down to 11 inches. Accepts 52mm filters. Wt. 18.0 oz. Dim. 2.8 x 3.4".

Nikon Product Number: 1967 NCP

35-135MM F/3.5-4.5N AF* ZOOM-NIKKOR AIS

A wideangle-to-medium telephoto lens, great for travel, candids, portraits, and close-ups. Autofocus for ease-of-use.



Focus down to 12 inches. Accepts 62mm filters.

Wt. 24.2 oz. Dim. 2.9 x 4.3".

Nikon Product Number: 1969 NCP

35-200MM F/3.5-4.5 ZOOM-NIKKOR AIS

A versatile wideangle-to-telephoto lens. Focus and compose quickly with one-touch focus zoom ring. Great for candids, full-length, and head-and-shoulder portraits. Focus to 12



inches. Accepts 62mm filters. Wt. 26.1 oz. Dim. 2.8 x 4.7". **Nikon Product Number:** 1445 NAS

50-300MM F/4.5 ED ZOOM-NIKKOR AIS

An ideal all-around zoom for sports photography and photojournalism because of its exceptionally wide zoom coverage, ranging from normal to telephoto. ED glass for outstanding quality. Focus to 8.5 feet. Accepts 95mm filters.

Wt. 68.8 oz. Dim. 3.9 x 9.4".



Nikon Product Number: 1483 NAS

70-210MM F/4-5.6D AF* ZOOM-NIKKOR AIS

Popular mid-range zoom, suitable for many applications, including portraiture and travel photography. Autofocus for ease-of-use. Focus down to 46 inches. Accepts 62mm filters. Wt. 20.8 oz. Dim. 2.9 x 4.3".



Nikon Product Number: 1979 NCP

75-300 F/4.5-5.6 AF* ZOOM-NIKKOR AIS

Fill the frame with distant sports figures with this powerful, versatile telephoto zoom. Autofocus for ease-of-use. Focus down to 5 feet. Accepts 62mm filters. Wt. 30.0 oz. Dim. 2.8 x 6.5".

Nikon Product Number: 1982 NCP



80-200MM F/2.8D AF* ED IF

The world's fastest telephoto zoom lens, ideal for indoor sports photography and photojournalism in dim light. Incorporates Autofocus and Internal Focusing technol-

ogy. D-type lens technology provides distance information to Nikon N90s, N90, N70 and N50 cameras. ED glass for sharp pictures. Accepts 77mm filters. Wt. 45.9 oz. Dim. 3.4 x 7.4".

Nikon Product Number: 1985 NAS



180-600MM F/8 ED ZOOM-NIKKOR

Spectacular zoom range makes this powerful Nikkor ideal for photojournalism, as well as sports and wildlife photography. Focus down to 8.5 feet.

Nikon ED glass for sharp pictures. Accepts 95mm filters. Wt. 127.0 oz. Dim. 4.1 x 15.6".

Nikon Product Number: 1490 NAS



1200-1700MM F/5.6-8 ED P ZOOM-NIKKOR

An incredibly unique and powerful zoom lens, ideal for wildlife photography. Focus down to 35

only. Supplied with 52mm L37C filter.

Wt. 564.4 oz.

Dim. 9.3 x 34.6".

Nikon Product Number: 1448 NAS



SPECIAL PURPOSE LENSES (NOCT. MICRO, MEDICAL, PC, UV)

While Nikkor lenses are noted for their versatility, certain special photographic applications, such as perspective-controlled 35mm architectural photography, require unique design characteristics. Nikon offers a complete line of Special Purpose lenses to fit every need.

58MM F/1.2 NOCT-NIKKOR

Superb for available-light shooting in the dimmest light. Ultra-fast maximum aperture

produces bright, easy-to-focus image in viewfinder. Improved optical system provides virtually distortion-free performance down to the closest focusing



^{*&}quot;AF" designated lenses are autofocus. All AF lenses can also be focused manually. "D" designated lenses provide distance information to camera and Speedlight for the most precise exposure control in ambient and flash photography. Performance varies according to the equipment used. Refer to specific product information for further details

distance of 21 inches. Aspherical lens element corrects for coma, making bright points of light appear as dots. Accepts 52mm filters. Wt. 16.4 oz. Dim. 2.9 x 2.0".

Nikon Product Number: 1439 NAS

55MM F/2.8 MICRO-NIKKOR AIS

An ideal close-up lens that offers normal perspective. Focuses continuously from infinity down to 1/2 lifesize. Stops down to f/32 for additional depth of field. Accepts 52mm front screw-in filters. Requires PK-13 ring for 1:1 reproduction, Nikon Product Number 2653 NCP.



84Nikon Product Number: 1442 NAS

60MM F/2.8D AF* MICRO-NIKKOR

This lens provides an exceptional range of applications and high-quality performance. Close-Range Correction System ensures high resolution from infinity to close-ups down to 8 3/4 inches (1:1 reproduction ratio). A-M (Automatic-Manual) switch enables quick changing from autofocus to manual focus. Accepts 62mm filters. Wt. 16 oz. Dim. 2.8 x 3".



8Nikon Product Number: 1987 NCP

105MM F/2.8D AF* MICRO-NIKKOR

This lens adds extra free working distance for multiple lighting techniques. The lens' 105mm focal length makes it suitable for portrait composition, while close-focusing enables detail work. Close-Range Correction System. Focuses from infinity to 12 inches (1:1 reproduction ratio). A-M (Automatic-Manual) switch. Accepts 52mm filters. Wt. 19.6 oz. Dim. 3 x 4.2".



Nikon Product Number: 1988 NCP

200MM F/4D ED-IF AF* MICRO-NIKKOR

The extra long focal length of this lens provides the most versatile working distance. Extra Low Dispersion (ED) glass ensures apochromatic-like performance, with high contrast and sharper images. ED glass has been incorporated into selected elements for superior optical performance. Internal focusing improves handling and focusing operation. Focuses from infinity to 19.4 inches (1:1 reproduction ratio). A-M (Automatic-Manual)

switch. Accepts 62mm filters.

Wt. 42.3 oz. Dim. 3 x 7.7".

Nikon Product Number: 1989 NCP

200MM F/4 IF MICRO-NIKKOR AIS

Ideal for close-up shots of inaccessible subjects. Nikon Internal Focusing technology keeps the size of the lens unchanged as you focus. Continuous operation from infinity to a reproduction ratio of 1:2. Accepts

52mm filters.

Nikon Product Number: 1468 NAS

120MM F/4 IF MEDICAL-NIKKOR SET

Includes built-in ringlight flash for shadowless photography. A close-up system designed especially for medical, dental, and scientific applications. Nikon Internal Focusing technology keeps the size of the lens unchanged as you focus. Continuous operation from a reproduction of 1:11 down to 1:1

life-size. Requires AC Power Unit LA-2 (#4506) or DC Power Unit LD-2 (#4505) for flash operation. Wt. 31.4 oz. Dim. 3.9 x 5.6".

Nikon Product Number: 983 NAS

28MM F/3.5 PC-NIKKOR

Features Nikon "Perspective Control" technology, indispensable for architectural and interior photography. Offers the versatility of a view camera in a relatively compact size. 11mm off-axis shift and 360° rotation capability. 74° picture coverage. Accepts 72mm filters. Wt. 13.4 oz. Dim. 3.1 x 2.5".

Nikon Product Number: 1024 NAS



35MM F/2.8 PC-NIKKOR

Also features Nikon "Perspective Control" technology, indispensable for architectural and interior photography. Offers the versatility of a view camera in a relatively compact size. 11mm off-axis shift and 360° rotation capability. 62° picture coverage. For 7X magnification,

mount lens in reverse on bellows unit. Accepts 52mm filters.

Wt. 11.3 oz. Dim. 2.4 x 2.4".

Nikon Product Number: 1025 NAS

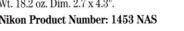
105MM F/4.5 UV NIKKOR AIS

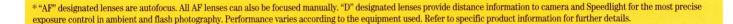
This lens has been specially manufactured for use with UV light. Its highly transmissive properties allow UV rays to pass virtually unimpeded through the multi-lens design. Supplied with an

AF-1 Gel Holder, UR-2 Adapter Ring and Nikon UV filter.

Wt. 18.2 oz. Dim. 2.7 x 4.3".

Nikon Product Number: 1453 NAS





Autofocus Micro-Nikkor Lens Series

UNEQUALED PERFORMANCE — FROM INFINITY TO LIFE-SIZE

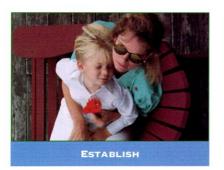
Micro-Nikkor lenses provide unprecedented focusing range. Each focuses from infinity to life-size on the film, a never-before-equaled feat in 35mm photography. And with their superb optical performance, you can trust these lenses for nearly every picture-taking assignment.

CLOSE-RANGE CORRECTION

Most other lenses are optimized for focus at infinity, so pictures will always look their best at great distances. Nikon's Close-Range Correction challenges this concept with optical performance that smooths a lens's performance, so that focusing at infinity and close-up will be excellent. Images will be sharp, and distortion due to curvature will be nearly non-existent.

D-TYPE LENS TECHNOLOGY

All of these lenses incorporate the Nikon Distance Signal. When used with the Nikon N90s, N90, N70 or N50, distance technology offers enhanced exposure calculations.



60MM F/2.8D AF MICRO-NIKKOR

This lens enhances the reputation of the Micro-Nikkor series even further. D-type lens technology provides distance information to N90s, N90, N70 and N50 cameras. This lens is a "must-have" for any serious photographer, providing an exceptional range of applications and high-quality performance.

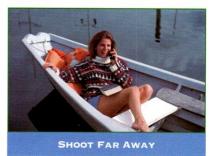
- Close-Range Correction system ensures high resolution from infinity to close-ups down to 8 3/4 inches.
- Focuses from infinity to life-size (1:1 reproduction ratio).
- A-M (Automatic-Manual) switch enables you to change quickly from autofocus to manual focus, without having to change the



camera body's focus mode switch. Nikon Product Number: 1987 NCP



SHOOT CLOSE



105MM F/2.8D AF MICRO-NIKKOR

The focal length of this lens adds extra working distance, enabling the more creative use of flash. The added working distance also provides additional comfort for subjects, and allows multiple lighting techniques. For general photography, the lens's 105mm focal length makes it suitable for classic portrait composition, while its close-focusing capability enables interesting detail work. D-type lens technology provides distance information to N90s, N90, N70 and N50 cameras.

- Close-Range Correction system ensures high resolution from infinity to close-ups down to 12 inches.
- Focuses from infinity to life-size (1:1 reproduction ratio).
- A-M (Automatic-Manual) switch enables you to quickly change from autofocus to manual focus, without having to change the camera body's focus mode switch.

Nikon Product Number: 1988 NCP





4

200MM F/4D IF-ED AF MICRO-NIKKOR -1:1 LIFE-SIZE REPRODUCTION WITHOUT ACCESSORIES - A FIRST FOR A 200MM LENS

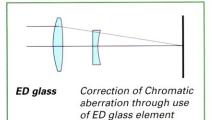


The extra long focal length of this lens provides the most versatile working distance when you simply can't get close to your subject. Internal Focusing ensures easier handling and control. Extra Low Dispersion (ED) glass ensures apochromatic-like performance, with high contrast and sharper images. D-type lens technology provides distance

information to N90s, N90, N70 and N50 cameras. This lens is ideal for anyone who is serious about close-up photography and wants a superb all-around telephoto lens, suitable for both portraiture and candid work —



all with excellent balance and handling.



NIKON'S EXCLUSIVE ED (EXTRA-LOW DISPERSION) GLASS HELPS

TELEPHOTO LENSES LIKE THE NEW 200MM F/4D IF-ED AF MICRO-NIKKOR CORRECT CHROMATIC ABERRATION

- ED glass has been incorporated into selected elements for superior optical performance
- Internal Focusing improves handling and focusing operation from infinity to close-ups down to 19.4 inches.
- Focuses from infinity to life-size (1:1 reproduction ratio).

Nikon Product Number: 1989 NCP

• An A-M switch and clutch mechanism ensure smooth manual focusing as well as fast and accurate change-over to autofocus operation.





SPECIFICATIONS FOR D-TYPE AF MICRO-NIKKOR LENSES

	60mm f/2.8D AF Micro	105mm f/2.8D AF Micro	200mm f/4D IF ED AF Micro
Focal length	60mm	105mm	200mm
Maximum aperture	f/2.8	f/2.8	f/4.0
Lens construction	8 elements 7 groups	9 elements 8 groups	13 elements 8 groups
Angle of view	39° 40'	23° 20'	12° 20'
Closest focusing distance	8.75 in.	12 in.	19.4 in.
Reproduction ratio scale	1:10 - 1:1	1:10 - 1:1	1:10 - 1:1
Minimum aperture	f/32	f/32	f/32
Filter size	62mm	52mm	62mm
Tripod mounting collar			Provided
Dimensions	2.8×3 inches	3×4.2 inches	3×7.7 inches
Weight	16 oz.	19.6 oz.	42.3 oz.
Nikon Product Number	1987 NCP	1988 NCP	1989 NAS

ACCESSORIES FOR D-TYPE MICRO-NIKKOR LENSES

Nikon Product Number (NCP unless otherwise noted)	Description	Hood Product #	Hard Case Product #	Pouch Case Product #	Plastic Case Product #	Adapter Ring Product #
1987 NCP	60mm f/2.8D Micro-Nikkor	Screw-on HN-22/#566	CL-32S/#4503	No. 62/#4302	CP-9/#4511	SB-21's UR-3/#2396
1988 NCP	105mm f/2.8D Micro-Nikkor	Snap-on HS-7/#541	CL-15S/#4453 NAS	No. 63/#4303		
1989 NAS	200mm f/4D IF ED AF Micro- Nikkor	Screw-on HN-30/#4617	CL-45/#4464 NAS			

Building Your System

ALL THE RIGHT LENSES

AT ALL THE RIGHT TIMES

For almost all photographers, building a photographic system means adding lenses. That's because different lenses allow you to capture subjects in different ways. You can reach out, move up close, or simply shoot without being noticed. From travel, to people and portraits, to fast-action, this section will help you choose the Nikon lenses that are right for you along with their basic accessories.



TRAVEL

Great photos make for a great vacation. And the way to make your travel photos original and memorable is through the use of a series of Nikkor lenses.

BASIC TRAVEL LENS SELECTION

Your basic selections should include the four lenses shown in the chart to the right. The most basic travel lens is the Nikkor 35-80mm f/4-5.6 D AF Zoom. With this one lens, you can cover scenics at 35mm, and instantly zoom out to emphasize nearby



subjects at 80mm.
Extending your range even further is the Nikkor 70mm to 210mm f/4-5.6D AF

Zoom. While capturing a new perspective, you can bring subjects up close, making them stand out dramatically from the background. Expansive scenics or frame-filling cityscapes can be captured with a choice of Nikkor wideangle lenses. Choose the 28mm f/2.8 or the even wider 24mm f/2.8. And finally, to

capture details in normal perspective (the same way your eye sees), there's the 60mm f/2.8 AF Micro-Nikkor. Shoot items in store windows. Details of outfits and jewelry. Exotic flowers and plants. Or everyday, normal shots, again without ever changing lenses.



ADVANCED TRAVEL SYSTEMS

The more advanced travel systems expand your focal length range. For example, with an advanced travel system your basic zoom would be the 28-70mm f/3.5-4.5D AF Nikkor. Your expanded range zoom would be the 75mm-300mm f/4.5-5.6 AF Nikkor. Moving up to the Advanced+ and High Speed categories means you can shoot more effectively at lower light levels and use a larger range of aperture and shutter speed settings. You may also want to add a Nikon TC 1.4

"AN ARRAY OF LENSES HELPS YOU CONTROL WHAT YOUR FEELING IS PARTICULAR SUBJECT - YOU'RE NOT LIMITED TO ONE WAY OF SEEING WIDEANGLE LENSES LET YOU ESTABLISH AN ENTIRE SCENE. LONGER FOCAL **LENGTH LENSES LET** YOU CONCENTRATE ON SUBTLETIES ISOLATING THEM FROM THE BACKGROUND. BY USING DIFFERENT LENSES, YOU'RE **ACTUALLY GUIDING** THE VIEWER'S EYE TO THE SUBJECT MATTER."



JILL ENFIELD

"I CHOSE THE NIKKOR 20 TO 35MM WIDEANGLE ZOOM LENS FOR THIS SHOT BECAUSE I KNEW IT TO COMPOSE THE SHOT ANYWAY I WANTED WITHIN A VERY LIMITED WORKING SPACE. YOU CAN'T EXACTLY JUST FLY DOWN FOR MORE EQUIPMENT. SO YOU WANT ONE 'PIECE OF GLASS' THAT OFFERS TREMENDOUS FLEXIBILITY. **BECAUSE I WAS** CAMERA OUT OF THE HELICOPTER ON A BOOM, I WAS **COUNTING ON NIKON** TECHNOLOGY TO **PULL THIS SHOT** OFF...MY CONFIDENCE WAS WELL-PLACED." JOE MCNALLY



Speed System, increasing your picture-taking range even further.

LENS ACCESSORIES

Teleconverter to your High

Things can get a little bumpy when you travel, so be sure to fit each Nikkor lens with a Skylight filter for protection. The same goes for lens hoods. Also consider a soft-focus filter for romance, and a color conversion filter, enabling you to shoot both in daylight and under incandescent lights.

TRAVEL LENS SYSTEMS

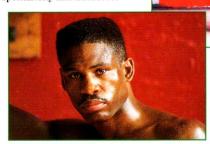
	Basic	Advanced	Advanced +	High Speed
Telephoto Zoom 75-300mm f/4.5-5.6 AF 70-210mm f/4-5.6D AF 80-200mm f/2.8D AF	#2 choice	#2 choice	#2 choice #1 choice	#1 choice
Wideangle Zoom 20-35mm f/2.8D AF 24-50mm f/3.3-4.5 AF 28-70mm f/3.5-6.5D AF	#1 -b-i	#1 choice	#1 choice #1 choice	#1 choice
35-80mm f/4-5.6D AF	#1 choice		#2 choice	#1 choice
Wideangle 28mm f/1.4D AF 28mm f/2.8 AF 24mm f/2.8 AF 20mm f/2.8 AF	#3 choice #3 choice	#3 choice #3 choice	#2 choice	#3 choice
Teleconverter TC-14E 1.4x for AF-I ler	nses			#2 choice
Telephoto 300mm f/2.8D AF				#2 choice
Micro Nikkor 60mm f/2.8D AF	#4 choice		#3 choice	#1 choice

PEOPLE AND PORTRAITS

BASIC LENS SELECTION

Like travel, your first choice for shooting people and portraits is a zoom lens. But because moderate to longer focal length lenses are best for portraits, your basic choice is the Nikkor 70mm-210mm f/4-5.6D AF Zoom. This lens is also long enough to capture candids, which lend spontaneity and interest to

people photography. Next, select a wideangle zoom that will allow you to capture groups of people at fairly close distances and yet adjust your composition—the Nikkor 28mm-70mm f/3.5-4.5D AF Zoom. Your final choice can be an 85mm



or 105mm moderate telephoto Nikkor lens. Both of these lenses offer classic portrait length with large apertures, for greater shooting opportunities in dim light, while controlling depth-of-field.



Again, each of your Nikkor lenses should be fitted with a Skylight filter and lens hood for protection. For added flexibility, a color conversion filter will enable you to shoot both in daylight and under incandescent lights with the same film.

"WHEN YOU PHOTOGRAPH PEOPLE, YOU'RE **REALLY TRYING TO** TELL A STORY ABOUT THEM. YOU WANT TO BE ABLE TO MOVE ALMOST INVISIBLY FROM WIDE **ENVIRONMENTAL** SHOTS TO TIGHTER **CLOSE-UPS THAT** HELP DEFINE CHARACTER. A SELECTION OF NIKKOR ZOOM LENSES ENABLES **ME TO COMPOSE** DIFFERENT SCENES WITH A MINIMUM OF **MOVEMENT THAT** MIGHT DISTURB THE SUBJECT, FOR THE HIGHEST QUALITY PORTRAITS. THERE'S NO SUBSTITUTE FOR THE HIGH-SPEED 85MM AND 105MM NIKKOR LENSES. JOE MCNALLY

ADVANCED SYSTEMS

Advanced lens selections in this category provide the advantage of greater apertures. High speed selections make your photography more flexible and offer a wide range of aperture/shutter speed combinations.

PEOPLE AND PORTRAIT SYSTEMS

	Basic	Advanced	High Speed
Telephoto Zoom 75-300mm f/4.5-5.6 AF 70-210mm f/4-5.6D AF 80-200mm f/2.8D AF	#1 choice	#1 choice	#2 choice
Wideangle Zoom 28-70mm f/3.5-4.5D AF 35-105mm f/3.5-4.5 AF 35-135mm f/3.5-4.5N AF	#2 choice	#3 choice #3 choice	
Wideangle 35mm f/2 AF 28mm f/2.8 AF 24mm f/2.8 AF 20mm f/2.8 AF		#4 choice #4 choice #4 choice	
Telephoto 85mm f/1.8 AF 105mm f/2D AF 135mm f/2DC AF 180mm f/2.8N AF	#3 choice #3 choice		#1 choice #1 choice #2 choice
Micro Nikkor 105mm f/2.8D AF 200mm f/4D AF		#3 choice #3 choice	#1 choice



FAST ACTION

Nikkor lenses in this category offer extremely fast apertures, allowing you to shoot in lower light levels with a wider range of aperture and shutter speeds. Many are internal focusing, made of ED Glass, and are designed to meet the needs of the most demanding professionals. A notable addition to this category is the 20mm-35mm AF Wideangle Zoom (used by Joe McNally in the helicopter sequence on the previous page). Fast-action lenses make you ready

for anything — sports, portraits, events, travel and nature photography. If you want to be ready for anything, select your lenses within this category.

LENS ACCESSORIES

Your investment in these top-of-the-line Nikon lenses demands the protection offered by Skylight filters and lens hoods. Adding an array of other filters can greatly increase the quality of your photographs.



FAST-ACTION SYSTEMS

300mm f/2.8D AF–I 400mm f/2.8D AF–I 80-200mm f/2.8D AF

28mm f/1.4D AF 20mm f/2.8 AF 50mm f/1.4

AF NIKKOR LENS SPECIFICATIONS AND COMPATIBILITY

Lens	Lens Construction (groups/ elements)	Picture Angle	Minimum f/ Stop	Closest Marked Focus Distance [Macro Setting] m (ft.)	Filter Attachment Size (mm)	Type of Lens Cap	Lens Case	Lens Hood	Weight (oz.)	Dia. x Length (extension from lens mount) (in.)	TC- 201			TC- 14B	TC- 14E	TC 201
Zoom																
AF 20-35mm f/2.8D	11/14	94°-62°	22	0.5 (1.7)	77	Snap-on	CL-46 No.62 CP-9	HB-8	22.6	3.2×3.7	1	-	1	-	-	_
AF 24-50mm f/3.3-4.5	9/9	84°-46°	22	0.6 (2) [0.5 (1.6)]	62	Snap-on	CL-328 CL-17 No.62 CP-9	НВ-3	13.2	2.8 x 2.9	1	-	1			
AF 28-70mm f/3.5-4.5D	7/8	74°-34°20′	22	0.5 (2) [0.39 (1.3)]	52	Snap-on	CL-32S No.62 CP-9	HB-6	12.5	2.7 x 2.8	1	_	1		-	_
AF 28-85mm f/3.5-4.5	11/15	74°-28°30'	22	0.8 (3) [0.23 (0.8)]	62	Snap-on	CL-33S No.62 CP-9	HB-1	19.0	2.8 x 3.5	2	_	2	-	_	-
AF 35-70mm f/2.8D	12/15	62°-34°20′	22	0.6 (2) [0.28 (0.9)]	62	Snap-on	CL-33S No.62 CP-9	HB-1	23.8	2.8 x 3.7	1	1-1	1	_	_	-
AF 35-70mm f/3.3-4.5	7/8	62°-34°20′	22	0.5 (2) [0.35 (1.1)]	52	Snap-on	CL-31S No.62 CP-9	HN-2	8.5	2.6 x 2.2	1	_	1		_	-
AF 35-80mm f/4-5.6D	6/6	62°-30°10′	22	0.5 (2) [0.35 (1.15)]	52	Snap-on	CL-31S No.62 CP-8 CP-9	HN-2	9.0	2.6 x 2.4	1	-	1	_	_	-
AF 35-105mm f/3.5-4.5	12/16	62°-23°20'	22	1.4 (4.6) [0.28 (0.9)]	52	Snap-on	CL-33S No.62 CP-9	HB-5	18.0	2.8 x 3.4	1	-	1	_	_	_
AF 35-135mm f/3.5-4.5	12/15	62°-18°	22	1.5 (5) [0.3 (1)]	62	Snap-on	CL-41 No.63 CP-9	HB-1	24.2	2.9 x 4.3	1	_	1	_	_	_
AF 70-210mm f/4-5.6D	9/12	34°20'-11°50'	32	1.5 (5) [1.2 (3.9)]	62	Snap-on	CL-15S CL-38 No.63 CP-9	HN-24	20.8	2.9 x 4.3	1	_	1	_	_	_
AF 75-300mm f/4.5-5.6	11/13	31°40'-8°10'	32	3 (10) [1.5 (5)]	62	Snap-on	CL-36	HN-24	30.0	2.8 x 6.5	4	-	4		_	_
AF 80-200mm f/2.8D ED	11/16	30°10'-12°20'	22	1.8 (6) [1.5 (4.9)]	77	Snap-on	CL-43A	HB-7	45.9	3.4 x 7.4	3	_	3	1		_
Fisheye																
AF Fisheye 16mm f/2.8D*1	5/8	180°	22	0.25 (0.85)	Provided	Slip-on	CL-31S No.61	Built-in	10.1	2.5 x 2.2	1	-	1	_		_
AF 18mm f/2.8D	10/3	100°	22	0.25 (0.85)	77	Snap-on	CL-47	HB-8	13.6	3.3 x 2.3	1	_	1	_		_
Wideangle																
AF 20mm f/2.8D*1	9/12	94°	22	0.25 (0.85)	62	Snap-on	CL-30S CL-37 No.61 CP-8	HB-4	9.2	2.7 x 1.7	1	_	1	_	_	_
AF 24mm f/2.8D*1	9/9	84°	22	0.3(1)	52	Snap-on	CL-30S CL-34A No.61 CP-8	HN-1	9.5	2.5 x 1.8	1	_	1	_	_	_
AF 28mm f/1.4D*1	8/11	74°	16	0.35 (1.15)	72	Snap-on	CL-44 No.62 CP-9	HK-7	18.3	3.0 x 3.1	1	_	1		_	_
AF 28mm f/2.8D	5/5	74°	22	0.3(1)	52	Snap-on	CL-30S CL-34A No.61 CP-8	HN-2	6.9	2.5 x 1.5	1	_	1	_	_	_
AF 35mm f/2	5/6	62°	22	0.25 (0.85)	52	Snap-on	CL-30S No.61 No.62 CP-8 CP-9	HN-3	7.6	2.5 x 1.7	1	_	1		_	_
Normal																
AF 50mm f/1.4	6/7	46°	16	0.45 (1.5)	52	Snap-on	CL-30S CL-34A No.61 CP-8	HR-2	9.0	2.5 x 1.7	2	_	2	_	_	_
AF 50mm f/1.8	5/6	46°	22	0.45 (1.5)	52	Snap-on	CL-30S No.61 CP-8	HR-2	5.5	2.5 x 1.5	1	_	1	_	_	_
Telephoto																
AF 85mm f/1.8D	6/6	28°30'	16	0.85(3)	62	Snap-on	CL-31S CL-15S No.62 CP-9	HN-23	14.6	2.8 x 2.3	2	_	4		_	_
AF 180mm f/2.8 ED-IF	6/8	13°40'	22	1.5 (5)	72	Snap-on	CL-38 No.63	Built-in	26.5	3.1 x 5.7	3	_	3	-	_	_
AF 300mm f/2.8 ED-IF*2	6/8	8°10'	22	3 (10)	39	Slip-on	CT-303	Built-in, HE-6	95.2	5.2 x 10.0	3	1	3	1	_	
AF-I 300mm f/2.8D ED-IF*2	9/11	8°10'	22	2.5 (8.5)	39	Slip-on	CT-304	HK-19	104.1	4.9 x 9.5	_	1	_	_	1	1
AF 300mm f/4 ED-IF*2	6/8	8°10'	32	2.5 (8.5)	39	Slip-on	CL-42	Built-in	46.9	3.5 x 8.6	3	1	_	1		-
AF-I 400mm f/2.8D ED-IF*2	7/10	6°10'	22	3.3 (12)	52	Slip-on	CT-401	HK-20	222.2	6.2 x 14.8		1	_	1	1	1
AF-I 500mm f/4D ED-IF*2	10/7	5°	22	5 (16)	39	Slip-on	CT-501	HK-21	148.2	5.5 x 14.6	1-1	1/5	_	1/5	1	1
AF-I 600mm f/4D ED-IF*2	7/9	4°10'	22	6 (20)	39	Slip-on	CT-604	HK-18-1, 2	213.4	6.5 x 16.4	_	1/5		1/5	1	1
Special Purpose																
AF Micro 60mm f/2.8D*1	7/8	39°40'	32	0.219 (8.75 in.)	62	Snap-on	CL-32S No.62 CP-9	HN-22	16.0	2.8 x 2.9	2	_	2	_	_	_
AF Micro 105mm f/2.8D*1	8/9	23°20'	32	0.314 (1)	52	Snap-on	CL-158 CL-38 No.63 CP-9	HS-7	19.6	3 x 4.2	4	_		-	_	_
AF DC 105mm f/2D	6/6	23°20'	16	0.9 (3)	72	Snap-on	CL-38 No.63 CP-9	Built-in	21.9	3.0 x 4.1	-	_	_	_	777	
AF DC 135mm f/2	6/7	18°	16	1.1 (4)	72	Snap-on	CL-38 No.63 CP-9	Built-in	30.7	3.1 x 4.7	_	-		1		
AF Micro 200mm f/4D ED-IF		12° 20'	32	.5(1.7)	62	Snap-on	CL-45	HN-30	42.30	3 x 7.7	1	_	1		_	_
AF-I Teleconverters			-	5/												
TC-14E	5/5						CL-30S No.61		7.1	2.6 x 1.0	-	_				
TC-20E*3	6/7						CL-31S No.62		12.0	2.6 x 2.2		_				
10-2011	U/ I					N	OM OND 11010M			210 7 212						

^{*1} Features Close-Range Correction (CRC) system.

^{*2} Tripod mounting collar is provided.

^{*3} Autofocusing is possible only with an AF-I Nikkor lens having a maximum aperture of f/2.8 or faster.

¹⁻Usable.

^{2–}When used at smaller aperture than f/11 with high shutter speeds, there is occasional uneven exposure.

³⁻Usable, but there is occasional vignetting.

^{4—}There is occasional vignetting. And when used at smaller aperture than f/11 with high shutter speeds, there is occasional uneven exposure.

⁵⁻Manual focus only.

[—] Not usable.

Note: Contact your authorized Nikon dealer concerning the availability of these and other Nikkor lenses.

MANUAL-FOCUS NIKKOR LENSES

Lens	Lens Construction (groups/ elements)	Picture Angle	Minimum f/ Stop	Closest Marked Focus Distance [Macro Setting] m (ft.)	Filter Attachment Size (mm)	Type of Lens Cap	Lens Case	Lens Hood	Weight (oz.)	Dia. x Length (extension from lens mount) (in.)	TC- 201	TC- 301	TC- 14A	TC- 14F
Fisheye														
6mm f/2.8*3	9/12	220°	22	0.25 (0.9)	Built-in	Slip-on	Trunk case	_	183.4	9.3 x 6.3	1	9-0	1	-
8mm f/2.8	8/10	180°	22	0.3(1)	Built-in	Screw-in	CL-11 CL-17 No.63	_	38.8	4.8 x 5.0	1	_	1	_
16mm f/2.8	5/8	180°	22	0.3(1)	Provided	Slip-on	CL-30S CL-31S No.61 CP-8	Built-in	11.6	2.5×2.2	1	_	1	_
Wideangle														
13mm f/5.6*I, *3	12/16	118°	22	0.3(1)	Provided	Slip-on	CL-14	Built-in	42.3	4.5×3.5	1	_	1	(c <u></u>
15mm f/3.5*I	11/14	110°	22	0.3(1)	Provided	Slip-on	CL-17	Built-in	22.2	3.5 x 3.3	1	_	1	-
18mm f/3.5*1	10/11	100°	22	0.25 (0.85)	72	Snap-on	CL-34A CL-37 CP-9 No.62	HK-9	12.3	3.0 x 2.4	1	_	3	_
24mm f/2*1	10/11	84°	22	0.3(1)	52	Snap-on	CL-31S CL-34A No.61 CP-8	HK-2	10.6	2.5 x 2.0	1	-	1	_
28mm f/2*1	8/9	74°	22	0.25 (0.9)	52	Snap-on	CL-31S CL-32S No.62 CP-9	HN-1	12.7	2.5 x 2.3	1	_	2	
35mm f/1.4*I	7/9	62°	16	0.3(1)	52	Snap-on	CL-31S CL-32S No.62 CP-9	HN-3	14.1	2.7 x 2.4	2	-	1	_
Normal														
50mm f/1.2	6/7	46°	16	0.5 (1.7)	52	Snap-on	CL-30S CL-34A No.61 CP-8	HS-12, HR-2	13.4	2.7 x 1.9	1	_	1	-
Telephoto														
85mm f/1.4*I	5/7	28°30'	16	0.85(3)	72	Snap-on	CL-34A CP-9	HN-20	21.9	3.2 x 2.5	2	-	2	_
105mm f/1.8	5/5	23°20'	22	1 (3.5)	62	Snap-on	CL-32S No.62 CP-9	Built-in	20.5	3.1 x 3.2	2	_	2	_
105mm f/2.5	4/5	23°20'	22	1 (3.5)	52	Snap-on	CL-15S CP-9	Built-in	15.3	2.5 x 2.7	1	_	3	_
135mm f/2	4/6	18°	22	1.3 (4.5)	72	Snap-on	CL-32S No.62 CP-9	Built-in	30.3	3.2 x 3.7	2	_	2	
135mm f/2.8	4/5	18°	32	1.3 (4.5)	52	Snap-on	CL-35A CL-38 No.63	Built-in	15.3	2.5 x 3.3	3	_	1	1
200mm f/2 ED-IF*2	8/10	12°20'	22	2.5 (9)	Gelatine filter	Slip-on	CT-200	Built-in, HE-4	89.9	5.2 x 8.9	2	_	4	2
300mm f/2.8 ED-IF*2	6/8	8°10'	22	3 (10)	39	Snap-on	CT-302 No.58 No.59	Built-in, HE-4	84.7	5.2 x 10.0	3	1	3	1
400mm f/2.8 ED-IF*2	6/8	6°10'	22	4 (15)	52	Slip-on	CL-20A	Built-in, HE-3	181.7	6.4 x 14.9	4	2	_	2
400mm f/3.5 ED-IF*2	6/8	10000000	22		122/39*6		CL-20A	Built-in	98.8	5.3 x 11.7	-	1	3	1
	10000	6°10'	170733	4.5 (15)	72	Slip-on	CL-20A CL-27A		42.3			1	-	1
400mm f/5.6 ED-IF*2	6/7	6°10'	32	4 (15)	39	Snap-on		Built-in	3000000	3.3 x 10.0				
500mm f/4 P ED-IF*2	6/8	5°	22	5 (20)		Slip-on	CT-500 No.59	HK-17	105.8	5.4 x 15.1	_	1	_	1
600mm f/4 ED-IF*2	6/8	4°10'	22	6.5 (25)	39	Slip-on	CT-602	Built-in, HE-5	199.3	6.8 x 18.3	-	1	_	1
600mm f/5.6 ED-IF*2	6/7	4°10'	32	5 (20)	39	Slip-on	CT-603 No.59	Built-in, HE-4	98.8	5.2 x 15.3		1	_	1
800mm f/5.6 ED-IF*2	6/8	3°	32	8 (30)	52	Slip-on	CT-800	Built-in, HE-3	192.2	6.4 x 21.5	-	2		2
Reflex														
500mm f/8*2	6/6	5°	_	1.5 (5)	82/39*6	Slip-on	CL-39	HN-27	29.6	3.5 x 4.3			3	5
1000mm f/11*2	5/5	2°30'		8 (25)	39	Screw-in	CL-29	Built-in	67.0	4.7 x 9.2	5	5	_	5
2000mm f/11	5/5	1°10'	-	18 (60)	Built-in	-	Trunk case	1	617.3	10.3 x 23.4	1	1	=	1
Zoom														
35-200mm f/3.5-4.5	13/17	62°-12°20′	22	1.6 (5.5)	62	Snap-on	CL-13A No.63 CP-9	HK-15	26.1	2.8×4.7	3	_	_	-
				[0.3(1)]										
50-300mm f/4.5 ED*2	11/15	46°-8°10'	32	2.5 (8.5)	95	Screw-in	CL-64 CE-2	HK-5	68.8	3.9 x 9.4	1	11,00	1	82.00
180-600mm f/8 ED*2, *3	11/18	13°40-4°10′	32	2.5 (8.5)	95	Snap-on	CZ-1860	HN-16	127.0	4.1 x 15.6	_	1	_	1
1200-1700mm f/5.6-8 P ED-IF	3 13/18	2°-1°30′	22	10 (35)	52	Screw-in	CT-1217	Built-in	564.4	9.3 x 34.6	1000	_	1 -	_
Special Purpose														
PC 28mm f/3.5*5	8/9	74°	22	0.3 (1)	72	Snap-on	CL-34A No.62 CP-9	HN-9	13.4	3.1 x 2.5	_	_	_	
PC 35mm f/2.8*5	7/7	62°	32	0.3 (1)	52	Snap-on	CL-34A No.62 CP-9	HN-1	11.3	2.4 x 2.4	_	_	-	-
Noct 58mm f/1.2	6/7	40°50'	16	0.5 (1.7)	52	Snap-on	CL-34A No.61 CP-8	HS-7, HR-2	16.4	2.9 x 2.0	2	_	2	-
Micro 200mm f/4 IF	6/9	12°20'	32	0.71 (2.34)	52	Snap-on	CL-36	Built-in	28.2	2.6 ± 6.8	-	1	1	1
Medical 120mm f/4 IF**4	6/9	18°50′ (1/11x)	32	0.35 (1.1)	49	Slip-on	Leatherette compartment case	_	31.4	3.9 x 5.6	-	-	_	_
UV 105mm f/4.5	6/6	23°20'	32	0.48 (1.57)	52	Snap-on	CL-15S CL-35A*7 CL-41 No.63 CP-9	1-0	18.2	2.7×4.3	-	_	1	-
Teleconverters														
TC-201	5/7	_	-	_	_	_	CL-30S No.61 CP-8 CP-9	-	8.1	2.5 x 1.7	-	_	-	-
TC-301	5/5	_	_	-	-	-	CL-33S No.62 CP-9	_	9.9	2.5 x 3.3	-	_	-	_
TC-14A	5/5	-		_	_		No.61 CP-8 CP-9	_	5.1	2.6×0.7	-	_	-	7-
TC-14B	5/5	_	_	_	_	_	No.61 CP-8 CP-9		5.8	2.6 x 0.9	_	_	_	_

^{*1} Features Close-Range Correction

Note: Contact your authorized Nikon dealer concerning the availability of these and other Nikkor lenses.

COMPATIBLE NIKKOR LENSES WITH BUILT-IN FLASH OF THE N6006 AND N5005

Usable non-zoom lenses
28mm to 300mm lenses except AF Nikkor 300mm l/2.8 ED-IF, Nikkor 200mm l/2 ED-IF
and Nikkor 300mm l/2.8 ED-IF
Usable arouse 1800mm l/2.8 ED-IF

and Nikkor 300mm 1/2.8 ED-IF Usable zoon lenses AF 24-50mm 1/3.3-4.5¹⁴, AF 28-70mm 1/3.5-4.5¹⁶, AF 38-70mm 1/3.5-4.5¹⁶, AF 38-70mm 1/3.5-4.5¹⁶, AF 70-210mm 1/3.5-4.5¹⁶, AF 70-210mm 1/3.5-4.5¹⁶, AF 70-210mm 1/3.5-4.5¹⁶, AF 70-300mm 1/4.5.5¹⁶, AF 80-200mm 1/2.8D ED¹⁶, 28-85mm 1/3.5-4.5¹⁶, AF 70-210mm 1/3.5-4.5¹⁶, AF 30-200mm 1/3.5¹⁶, AF 30-200mm 1/3.5

46006 AND NSOOS

*I Cannot be used at a focal length shorter than 28mm, or when shooting a subject within 1m (3.5 ft.) at 28mm focal length

**Cannot be used when shooting a subject within 1m (3.3 ft.) at a focal length shorter than 35mm

**O'Cannot be used at a focal length shorter than 35mm, or when shooting a subject within 2m (6.6 ft.) at 35mm focal length **O'Cannot be used at a focal length shorter than 50mm

**O'Cannot be used when shooting a subject within 2m (6.6 ft.) at 35mm focal length

**O'Cannot be used when shooting a subject within 2m (6.6 ft.) at 80mm focal length

**O'Cannot be used when shooting a subject within 2m (6.5 ft.) at 80mm focal length

Features Close-Range Correction (CRC) system of lar is provided.
 Tripod mounting collar is provided.
 Tripod mounting collar is provided.
 Manufactured upon receipt of order.
 Power is supplied only by an AC Power Unit LA-2 or a In C Power Unit LD-2 (both optional).
 Manual type diaphragm with preset ring.
 Manual type diaphragm with preset ring.
 With a PN-11 ring.

¹⁻Usable.

^{2—}When used at smaller aperture than f/11 with high shutter speeds, there is occasional uneven exposure. 3—Usable, but there is occasional vignetting.

⁴⁻There is occasional vignetting. And when used at smaller aperture than f/11 with high shutter speeds, there is occasional uneven exposure.

⁵⁻Usable, if the rear screw-in filter is removed.

Not usable.

Teleconverters For Nikkor SLR Lenses









TC-14A

TC-14B

TC-14E

TC-20E

EXTENDING YOUR VISION

Increase the focal length of virtually any Nikkor SLR lens (including zoom lenses) by adding a Nikon Teleconverter. Nikon Teleconverters can be mounted in seconds between the lens and the camera, and can as much as double the effective focal length of the lens in use. For example a 1.4x teleconverter will increase the focal length of a 50mm lens to 70mm; a 2x Nikon Teleconverter will increase the focal length of a 50mm lens to 100mm; and so on.

Please note: Nikon Teleconverters represent the same attention to detail and quality as other Nikon products. However the use of teleconverters may have some inherent limitations (for example, a decrease in f/stop). Also, Nikon AF/AIS lenses must be manually focused when used with teleconverters. The Nikon AF-I telephoto lenses 300mm f/2.8, 400mm f/2.8, and 500mm f/4 retain autofocus at all metering functions with the F4, N90s, N90 and N70 SLRs. For greatest satisfaction, be sure to check the Lens/Teleconverter Compatibility chart below before choosing your Nikon Teleconverter.





TC-201

TC-301

NIKON TELECONVERTERS

Teleconverter	kon Product Number
TC-14A 1.4x Teleconverter for Nikkor AF/AIS lenses 200mm or less	1400 NCP
TC-14B 1.4x Teleconverter for Nikkor AF/AIS lenses 300mm or more	1401 NAS
TC-201 2x Teleconverter for Nikkor AF/AIS lenses 200mm or less	1403 NCP
TC-301 2x Teleconverter for Nikkor AF/AIS lenses 300mm or more	1404 NAS
TC-14E 1.4x Teleconverter for Nikkor AF-I lenses	1995 NAS
TC-20E 2x Teleconverter for Nikkor AF-I lenses	1997 NAS

LENS/ TELECONVERTER COMPATIBILITY

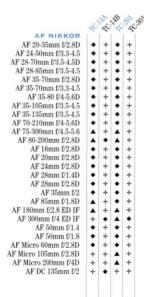
The following table lists various Nikkor lenses which can be used in conjunction with Nikon Teleconverters TC-14A, TC-14B, TC-201 and TC-301; compatibility is detailed in the right hand columns

- O Perfectly matched with autofocus operation
- ◆ Matched, no autofocus operation
- Usable, but at a close focused distance, vignetting or other image
- Usable, but vignetting or other image deterioration may occur.
- Not usable, because it cannot be mounted, or vignetting or other image deterioration will ruin the photo

The smaller the aperture, the less vignetting.
When these lenses are used at apertures smaller than t/11 with higher shutter speeds, there is occasional uneveness of illumination on the film.

Non-AI lenses cannot be used; even when AI-modified, some lenses cannot be

Never attach the TC-14A to the GN-Nikkor 45mm f/2.8, the lens or TC-14A could be damaged.



	4º	ME	ARI.	201	and To HE	of the state of th	ac.	MA	AB	and and
AF-I NIKKOR	Ĭ.		1				1	1	1	
AF-I 300mm f/2.8D	+	+	+	•	00	135mm f/2.8		٠	•	+
AF-I 400mm f/2.8D	+	•	+	•	00	200mm f/2 ED IF	•	•	٠	+
AF-I 500mm f/4D ED-IF	+	•	+	•	00	300mm f/2.8 ED IF	•	•	•	+
AF-I 600mm f/4D	+	٠	+	•	00	400mm f/2.8 ED IF	•	•	•	•
ZOOM				1000		400mm f/3.5 ED IF	•	•	+	•
35-200mm f/3.5-4.5	+	+	•	+		400mm f/5.6 ED IF	+		+	•
50-300mm f/4.5 ED	•	+	•	+		500mm f/4 P ED IF	+		+	•
180-600mm f/8 ED	+	٠	+	•		600mm f/4N ED IF	+		+	•
WIDEANGLE						600mm f/5.6 ED IF	+	٠	+	+
13mm f/5.6	•	+	•	+		800mm f/5.6 ED IF	+		+	•
15mm f/3.5	•	+	•	+		REFLEX	1			
18mm f/3.5	•	+	•	+		500mm f/8			•	+
24mm f/2	•	+	٠	+		1000mm f/11	+		+	
35mm f/1.4	•	+	•	+		2000mm f/11	+		+	
NORMAL						FISHEYE				
50mm f/1.2	•	+	•	+		6mm f/2.8		+	•	+
TELEPHOTO						8mm f/2.8		+	•	+
85mm f/1.4	•	+	•	+		16mm f/2.8		+		+
105mm f/1.8	•	+	•	+	SP	ECIAL PURPOSE				
105mm f/2.5	•	+	•	+		PC 28mm f/3.5	+	+	+	+
						PC 35mm f/2.8	+	+	+	+
						Noct 58mm f/1.2		+		+
						Micro 200mm f/4 IF	•		+	•
						Medical 120mm f/4 IF	+	+	+	+
						UV 105mm f/4.5	+	+	+	+
										200

Lens Caps

PROTECT YOUR INVESTMENT WITH

LENS CAPS AND COVERS FOR

NIKON CAMERAS AND LENSES

Protect your Nikon investment with genuine Nikon lens, teleconverter and camera body mount caps. Lens caps protect the front and rear portions of your lenses and teleconverters from dust, smudges and scratches. Camera body mount caps protect the mirror box and reflex mirror when a lens is not affixed to the camera body. Select appropriate caps from list below. (Rear Lens Cap NCP LF-1 fits all Nikon F-mount lenses and teleconverters.)





Lens/Camera Cap	Product Number
52mm Snap-on Front Lens Cap	581 NCP
61mm Slip-on Front Lens Cap for 16mm f2.8N	597 NAS
62mm Snap-on Front Lens Cap	$600\mathrm{NCP}$
72mm Snap-on Front Lens Cap	$601\mathrm{NCP}$
77mm Snap-on Front Lens Cap for 80-200mm f/2.8 AF,	
18mm f/2.8 D AF and 20-35mm f/2.8 D AF	578 NAS
85mm Slip-on Front Lens Cap for 500mm f8N Reflex	$1335\mathrm{NCP}$
90mm Slip-on Front Lens Cap for 15mm f3.5	584 NAS
95mm Screw-in Front Lens Cap for 50-300mm f.4.5	$626\mathrm{NAS}$
122mm Screw-in Front Lens Cap	621 NAS
Front Lens Cover for ED lenses	$629 \mathrm{NAS}$
(f/200/2; f/300/2.8; f/600/5.6)	
Front Lens Cover for 300mm/f2, 600mm/f4	$603 \mathrm{NAS}$
Front Lens Cover for 300mm/f2.8 D AF-I	$593 \mathrm{NAS}$
Front Lens Cover for 600mm/f4 D AF-I	594 NAS
Front Lens Cover for 400mm/f2.8	631 NAS
Front Lens Cover for 300mm/f4 AF	$596 \mathrm{NAS}$
BF-2 Front Mount Cap for TC-2, 300, 301	598 NAS
BF-3 Front Mount Cap for TC-14, 14B, 14E, 20E	611 NAS
BF-1A Lens Mount Cap for SLR Camera	612 NCP
LF-1 Rear Lens Cap for all F-Mount Lenses	$607 \mathrm{NCP}$

Lens Hoods

REDUCE FLARE -

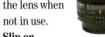
ELIMINATE "GHOST IMAGES"

A lens hood is an essential part of your Nikon system. By reducing stray light and minimizing flare, your pictures show improved contrast and better color saturation. Hoods also provide important shock protection, should your lens be dropped or bumped. Genuine Nikon hoods are made of materials that prevent permanent bonding to the lens, which may sometimes occur with other manufacturers' hoods. Available in the four types.

Screw-in

Screws onto the front of the front of the lens. Metal type available for extra strength.

Rubber type folds back over the lens when



Slip-on

Slips over the front of the lens. Tightened with knurled screw and retainer ring. Use with wide-zoom and ultrawide lenses.

Snap-on

Snaps onto the front of the lens with a spring-type retainer ring. The mounting can be conveniently



Note:

Some lenses have built-in hoods.

Designation	Nikon Product Number	Lenses Attachable*
Snap-on		
HS-7	541 NAS	Noct 58/1.2, AF Micro 105/2.8
HS-12	547 NAS	50/1.2
Rubber screw-in		
HR-2	538 NAS	50/1.2, Noct 58/1.2, AF 50/1.4, AF 50/1.8
Screw-in		
HN-1	508 NCP	28/2, PC 35/2.8, AF 24/2.8 D
HN-2	509 NCP	35-70/3.3-4.5, AF 28/2.8 D, AF 35-70/3.3-4.5
HN-3	510 NCP	35/1.4, AF 35/2
HN-9	523 NAS	PC 28/3.5
HN-12	518 NAS	52mm Circular Polar Filter
HN-13	539 NAS	72mm Circular Polar Filter
HN-20	562 NAS	85/1.4
HN-22	566 NAS	AF Micro 60/2.8
HN-23	565 NCP	AF 85/1.8 D
HN-24	$567\mathrm{NCP}$	AF 70-210/4-5.6, AF 75-300/4.5-5.6
HN-26	568 NAS	62mm Circular Polar Filter
HN-27	558 NCP	Reflex 500/8
HN-29	4613 NAS	77mm Circular Polarizing Filte
Slip-On		
HK-2	551 NAS	24/2
HK-5	554 NAS	50-300/4.5 ED
HK-7	561 NAS	28/1.4 D
HK-15	4600 NAS	35-200/3.5-4.5
HK-17	4608 NAS	500/4 P ED-IF
HK-18	4615 NAS	AF-I 600/4 D ED-IF
HK-19	4616 NAS	AF-I 300/2.8 D ED-IF
HK-21	500 NAS	400 AFI
Bayonet		
HB-1	4602 NCP	AF 28-85/3.5-4.5, AF 35-70/2.8 D, AF 35-135/3.5-4.5, AF 35-70/2.8 I
HB-2	4603 NCP	AF 35-105 (Zoom Ring version)
HB-3	4604 NCP	AF 24-50/3.3-4.5
HB-4	4610 NAS	AF 20/2.8 D
HB-5	4611 NCP	AF 35-105/3.5-4.5
HB-6	$4612\mathrm{NCP}$	AF 28-70/3.5-4.5 D,
HB-7	4614 NAS	AF 80-200/2.8 D ED
HB-8	4619 NAS	20-35/2.8 D
	40	age 46 for complete compatibility

NIKON SCHOOL PHOTO TIP:

PICTURES ARE OFTEN STRONGER IF THEY DO NOT CONTAIN TOO MANY COMPETING ELEMENTS. BEFORE TAKING A SHOT, LOOK CAREFULLY THROUGH THE VIEWFINDER TO SEE IF EVERYTHING IS WORKING IN FAVOR OF THE COMPOSITION. IF NOT, REFRAME THE IMAGE TO SIMPLIFY THE SUBJECT MATTER.

Lens Cases

SECURITY IN A

VARIETY OF SIZES

No matter which lenses you own, there's a Nikon lens case to keep them safe

from bumps and shocks.

CYLINDRICAL CASE

Tough black leatherette finish combines with soft, plush lining to protect your lenses, shielding them from shocks and bumps.

TELEPHOTO CASE

Just the right size for storing a telephotolens-mounted camera; strong shoulder strap enhances ease-of-carrying.

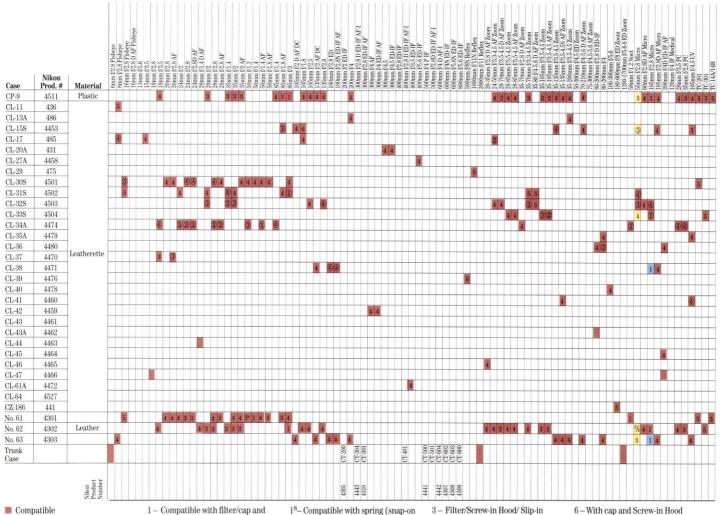
SOFT POUCH

Accommodates different lenses with different focal lengths; put it away in a pocket when you're not using it.

PLASTIC CASE

Clear plastic effectively seals out dampness and dust. Base has a bayonet mount to which you can attach the lens.





- With a PN-11 ring With a PK-13 ring
- 1 Compatible with filter/cap and either lens hood (reversed) or rubber hood
- 2 Filter/Cap/Bayonet Hood (reversed)
- Hood (not reversed)
- 4 With filter and cap 5 - With cap
- Accommodates lens by removing inside cushion

Filters

FROM COLOR BALANCE TO SPECIAL EFFECTS, NIKON FILTERS HELP YOU MAKE BETTER PICTURES

FILTERS FOR COLOR FILM

AMBER FILTERS A2, A12

Amber filters control the bluish coloration that affects daylight film. The mild A2 warms scenes shot on cloudy days. The deeper-colored A12 is used with tungsten film for outdoor shooting in fair weather. Add mood to your photographs by warming your pictures with either filter.





BLUE B2, B8, B12

Blue filters remove reds and have a cooling effect. The mild B2 banishes reds from sunrise or sunset shots. The B12 neutralizes the red cast





produced by photofloods in indoor shooting with daylight film. Use a B8 or B12 blue filter and underexpose to create eerie night scenes.

FILTERS FOR COLOR AND

BLACK-AND-WHITE PHOTOGRAPHY

ULTRAVIOLET (UV) L37C SKYLIGHT L1BC

UV filters cut haze for sharper black-and-white prints, and correct the blues and violets in color prints. The integrated coated L37C reduces reflection and is designed to be used with





integrated coated lenses to protect and reduce excess UV. The integrated coated L1BC also cuts haze, protects the lens and can reduce the blue cast of shade pictures.

SOFT FOCUS NO.1, NO.2

These filters soften images. No.1 lends a romantic aura to portraits. The stronger No.2 produces a fog-like effect in landscapes and also highlights small subjects against a field of dark space. Both can be used together for stronger effects.





NEUTRAL DENSITY ND4, ND8, ND400

These filters allow you to use larger apertures without changing shutter speed or use slower shutter speeds in bright conditions for creative motion effects. Neutral density filters do not change color balance.

CIRCULAR POLARIZING FILTERS

The only filters that darken the sky in color photography without affecting color balance, polarizing filters cut out the glare from water and metallic surfaces, and allow shooting





through glass windows. Nikon circular polarizing filters are designed for use with autofocus SLRs Their mounts can be rotated for different angles which you can monitor through the viewfinder. (Note: use of circular polarizing filters requires a filter hood — see "Filter Accessories" listing that follows.)

CONVERSION FILTERS A12, B2, B8, B12

Color conversion filters can be used to match film color balances. For example, Color Conversion Filter A12 can be used to shift the color balance of tungsten film to daylight. Blue Color Conversion Filters B2, B8 and B12 counteract existing light that is too warm. B12 matches artificial light to that of normal daylight film.

FILTERS FOR

BLACK-AND-WHITE FILM

YELLOW Y44, Y48, Y52

Yellow filters absorb both blue and ultraviolet light so skies appear darker. They work well in landscape or telephoto





photography because they clear up the haze around distant objects. Y44 is a mild filter. Y48 is medium. Y52 produces the strongest effect.





ORANGE 056

Stronger than yellow filters, the 056 tones down blue, ultraviolet and green. It heightens contrast between sky and objects and darkens foliage.

RED R60

Ultra high contrast. All colors except red are filtered out so blue skies appear almost black and clouds stand out. Green leaves appear dark, providing a strong contrast against lighter-hued flowers.





The R60 can be used to create special effects with b&w infrared film.





GREEN XO, X1

Green filters absorb red and blue, letting green and yellow through. The XO renders effects similar to colors perceived by the eye, making it ideal for general-purpose use. The X1 balances the reddish

cast of floodlights and gives skin a more natural tone — great for portraits.

INDIVIDUAL FILTER CASES

CP-3 Filter case for all 52mm Filters **Nikon Product Number: 2291 NCP** CP-6 Filter case for all 62mm Filters **Nikon Product Number: 2378 NCP** CP-5 Filter case for all 72mm Filters **Nikon Product Number: 2292 NCP**

HOODS FOR CIRCULAR POLARIZING FILTERS

HN-12 Hood for 52mm Circular Polarizing Filter

Nikon Product Number: 518 NAS

HN-26 Hood for 62mm Circular Polarizing Filter

Nikon Product Number: 568 NCP

HN-13 Hood for 72mm Circular Polarizing Filter

Nikon Product Number: 539 NCP

HN-29 Hood for 77mm Circular Polarizing Filter

Nikon Product Number: 4613 NAS

FITTED FILTER CASES

95mm Fitted case for all 95mm filters Nikon Product Number: 2298 NAS 122mm Fitted case for all 122mm filters Nikon Product Number: 2299 NAS

GELATIN FILTER HOLDERS/MISC. FILTERS

Nikon gelatin filter holders enable you to use standard 3-inch gelatin filters with a variety of Nikkor lenses. Choose proper holder from the following listing.



FILTER ACCESSORIES

FILTER ADAPTER RING UR-1

Enables a filter with an attachment size of 72mm to be used with any Nikkor lens with an attachment size of 62mm.

Nikon Product Number: 2377 NCP



FILTER POUCH CASES

(EACH CASE HOLDS UP TO SIX FILTERS)

CA-1 Filter Pouch for all 52mm Filters **Nikon Product Number: 2307 NCP** CA-2 Filter Pouch for all 39mm Filters

Nikon Product Number: 2305 NAS



Filter Holder/Filter 52mm Filter Holder for AF-I Nikkor AF-1 52mm Gelatin Filter Holder AF-2 72mm Gelatin Filter Holder (with bood) 2279 NAS 2279 NAS

AF-2 72mm Gelatin Filter Holder (with hood) 2279 NAS Filter Holder for AF-I (repl) 2469 NAS Gelatin Filter Holder AF-I Nikkor 2472 NAS Gelatin Filter Holder for AF-I (repl) 2470 NAS Slip-in Gel Holder for ED-IF Lens (repl) 2443 NAS Slip-in Gel Holder for 400m/2.8 ED-IF Lens (repl) 2460 NAS Gelatin Filter Holder for 200mm/2 2461 NAS Slip-in 39mm Holder for ED-IF Lens (repl) 2220 NAS Slip-in 52mm Holder for 400mm/2.8 ED-IF (repl) 2459 NAS UR-2 Filter Adapter for 105mm/4.5 UV-Nikkor (repl) 2398 NAS Square (UV) Filter for 105mm/4.5 UV Nikkor (repl) 2397 NAS

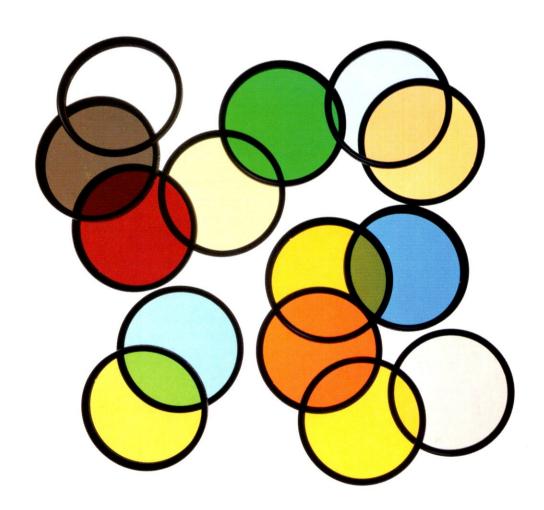
NIKON SCHOOL PHOTO TIP:

A POLARIZING FILTER USED TO BLOCK REFLECTIONS FROM A SHINY SURFACE LIKE GLASS OR WATER IS MOST EFFICIENT AT AN ANGLE OF ABOUT 35° TO THE REFLECTING SURFACE. DIRECTLY IN FRONT OF THE SURFACE, THE FILTER HAS LITTLE OR NO EFFECT.

USE THIS CHART TO SELECT YOUR NIKON FILTERS

				Filter Factor/Co	mpensation Amount	Produc	t Numb	er (indic	ated in b	oxes be	low)			
					•	Threaded mounting (by Filter Diameter and Product Number)						mber)	Bayonet	
Film	Filter Typ	Filter Type		Daylight	Artificial Light	39mm	52mm	62mm	72mm	77mm	82mm	95mm	122mm	Mounting
All	Skylight	Skylight		1/0		2238	2402	2371	2413					2366
	Ultraviole	Ultraviolet			1/0	2237	2399	2372	2415	2438	2439	2294	2240	2369
B/W	Yellow	Light	Y44	1.5/+2/3	1/0		2295							
		Medium	Y48	1.7/+3/4	1.2/+1/4	2248	2229	2373	2270	2463		2284	2280	
		Dark	Y52	2/+1.0	1.4/+1/2	2251	2296							2367
	Orange			3.5/+1 3/4	2/+1.0	2253	2231	2374	2274	2464		2285	2281	
Red Green	Red		R6O	6/+2 1/2	5/+2 1/3	2259	2249	2375	2273	2465		2286	2282	2363
	Green	Light	XO	2/+1.0	1.7/+3/4		2297							2368
		Dark	X1	5/+2 1/3	3.5/+1 3/4		2230							
All	Circular Polarizing			2-4/+1-+2	2-4/+1-+2		2390	2391	2462	2468				
	Neutral Density		ND2	2	′+1.0	2318		2.000,000,000						
				4/+2.0		2258	2243		2410					
				8/	′+3.0	2319	2244							
			ND400	4	00/+6.0		2409							
Color	Amber	Light	A2	1.	2/+1/4	2239	2266	2430	2416	2466				2364
		Dark	A12	2	′+1.0	2256	2264	2431						
	Blue	Light	B2	1.	2/+1/4	2240	2235	2432	2417	2467				2365
		Medium	B8	1.	6/+2/3	2241	2267							
		Dark	B12	2.	2/+1.0	2242	2268	2433						
All	Soft Focu	s No.1					2407	2434	2418					
	Soft Focu	s No.2					2408	2435	2419					
Miscellaneous	CC3OR						2265							

 $Filter\ Factors\ are\ for\ reference\ only.\ All\ Nikon\ cameras\ have\ built-in\ TTL\ meters\ which\ will\ compensate\ for\ filters.$



Focusing Screens And Viewfinder

These accessories let you see your subject the way you want. They're ideal for a variety of applications.

FOCUSING SCREENS AND PRODUCT NUMBERS

Matte/Fresnel field with 12mm center reference circle and split-image

2552 NAS (F3HP/F3/T)

Matte/Fresnel field with 5mm diameter and 12mm-diame circles and AF brackets. Circles and Ar brackets. For general photography. 2510 NAS (F4S) 2553 NAS (F3HP/F3/T) 2584 NAS (N90s, N90) 2582 NAS (N8008S) 2421 NCP (FM2)

Type C Fine-ground matte field with 5mm-diameter clear spot and crosshair. For photomicrography, astrophotography, and other high magnification applications using parallax focusing on aer-

ial images. 2511 NAS (F4S) 2554 NAS (F3HP/F3/T)

Type D Fine matte focusing screen with clear center circle, crosshairs in 4mm center circle for high magnification.

2555 NAS (F3HP/F3/T)

E Matte/Fresnel field with 5mm diameter and 12mm-diameter reference circles and AF brackets, and etched horizontal and vertical lines. Ideal for architec

2512 NAS (F4S) 2556 NAS (F3HP/F3/T) 2583 NAS (N90s, N90) 2581 NAS (N8008S) 2422 NCP (FM2)

Matte/Fresnel field with 5mm diameter and 12mm-diameter reference circles and AF brackets. Suitable with 2513 NAS (F4S)

Clear Fresnel field with extrabright 12mm-diameter microprism focus-ing spot for use in poor light. Four models correspond to lenses with different focal lengths

lengths.
Type G1 (fisheye) 2514 (F45)
2557 NAS (F3HP/F3/T)
252 (wideangle) 2515 (F4S) 2551 (F4S) 2515 (F4S) 2558 NAS (F3HP/F3/T) Type G3 (50mm f7.2, 300mm f7.8) 2516 (F4S) 2559 NAS (F3HP/F3/T) Type G4 (300mm f2.8) 2517 (F4S) 2560 NAS (F3HP/F3/T)

Type H Clear Fresnel focusing screen with microprisms over the entire field. what microfissis over the entail read.

Recommended for photography in poor lighting conditions. Available in 4 models for various lens maximum apertures.

Type H1 2561 NAS (F3HP/F3/T)

Type H2 2562 NAS (F3HP/F3/T)

Type H3 2563 NAS (F3HP/F3/T)

Type H4 2564 NAS (F3HP/F3/T)

Type J Matte/Fresnel field with central 5-mm diameter microprism focusing spot and 12mm diameter circle. For general 2518 (F4S) 2565 NAS (F3HP/F3/T)

Matte/Fresnel field with 3mm diameter. BriteView split-image rangefinder spot surrounded by 1mm wide microprism doughnut. Rapid, accurate focusing for subjects with both straight and illdefined contours. For general photography 2519 (F4S) 2551 NAS (F3HP/F3/T) 2420 NCP (FM2)









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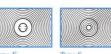
Type L

Type C

Type D

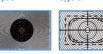


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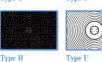














EYEPIECE ADAPTER DK-7 FOR F4S, N90s, N90. N8008S, F3HP (WITH DE-3 HIGH-EYEPOINT FINDER), F3T

Required for attaching all standard size eyepiece accessories to the larger size thread mounts of high-eyepoint cameras. Nikon Product Number: 2394 NAS

EYEPIECE ADAPTER

FOR N70, N6006/N6000, N50, N5005, N2000

For attaching all eyepiece accessories to above cameras.

Nikon Product Number: 2370 NCP

RUBBER EYECUPS

Provides comfort/keeps stray light from entering viewfinder.

Evecup Nikon Product Number DK-2 for F4S, F3HP/F3/T 2406 NAS DK-3 for FM2, FE2, FA 2362 NCP DK-6 for N90, N8008S 2393 NAS **DK-9 for N70** 2969 NCP For N70/N6006/N6000/N50/N5005 2939 NCP

RIGHT ANGLE FINDER DR-3

Provides 100% viewfinder coverage from a convenient 90° angle. Facilitates low-level viewing. Diopter adjusts from -5 to +3. Requires Mount-ing Adapter DK-7 for N90/F3HP/F4/F3T/N8008s. No Adapter is required for use with F3 and FM2. Adapter 2370 NCP for N70/N6006/ N6000/N50/N5005/ N4004/N2000.

Nikon Product Number: 2326 NCP

EYEPIECE MAGNIFIER DG-2

Offers 2x magnification of the central portion of the finder image. Diopter adjusts from -5 to +1. Requires Mounting Adapter. DK-7 for N90/N8008s/F4/F3HP/F3T. Adapter 2370 NCP for N70/N6006/N6000/N50/N5005/ N4004/N2000.

Nikon Product Number: 2355 NCP

EYEPIECE CORRECTION LENSES

Type L Corresponds to Type A, but with diagonal 45° split-image rangefinder. Facilitates focusing on horizontal lines.

use in parallax focusing on aerial images.

plus millimeter scales for calculation of individual magnification of objects or for measuring objects. Brilliant image in dim

light. Suitable for close-ups, photomicros raphy, and other high-magnification appli

Same as Type K but with

BriteViewsplit-image rangefinder line at a 45° angle and etched horizontal and verti-

cal lines as an aid to composition. Rapid. accurate focusing for subjects with horizontal or vertical lines or ill-defined con-

Type R Focusing screen with matte Fresnel field and split-image rangefinder which does not darken when slow lenses

are used. Incorporates vertical and horizontal grid lines. Excellent for architectur

Type S Similar to Type K except provides area on the left side of the frame for

date imprinting when used with Nikon 250 exposure data back.

rpe T Focusing screen with matte esnel field and TV screen frame lines.

diameter and 12mm-diameter reference

circles and AF brackets. Suitable with tele-photo lenses longer than 200mm. 2522 (F4S)

Matte/Fresnel field with 5mm-

tours. For general photography.

2521 (F4S) 2568 NAS (F3HP/F3/T)

al photography. 2569 NAS (F3HP/F3/T)

2572 NAS (F3HP/F3/T)

2570 NAS (F3HP/F3/T)

2571 NAS (F3HP/F3/T)

Fine ground Fresnel field with ameter clear spot and cross-hair for

2566 NAS (F3HP/F3/T)

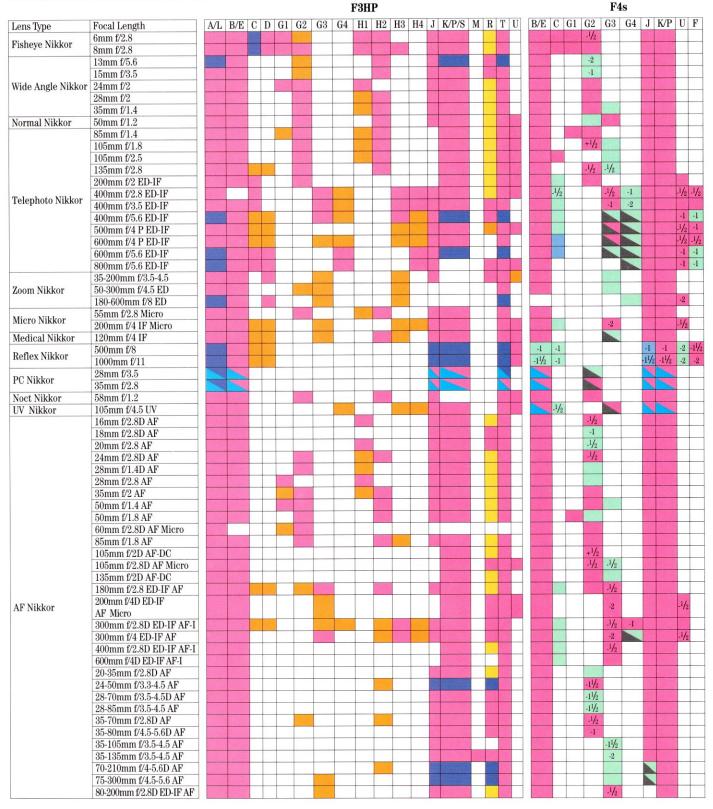
2567 NAS (F3HP/F3/T)

cations. 2520 (F4S)

These lenses help those with eyesight deficiencies see more clearly. Diopters range from -5 to +3. Visit your Nikon dealer to select what's best for you, or see Nikon Photo Tip on page 12.

Lens	F4S, F3HP/F3	F3 (w/DE-2) F3AF, F2	N6006/6000	N90s/N90/N8008S	N70/N50/N5005/N4004	FM2/FE2/FA
Neutral "0"	2950 NAS	2914 NAS	2940 NCP	2960 NAS	2940 NCP	2930 NCP
+0.5		2922 NAS	2941 NCP	2961 NAS	2941 NCP	2931 NCP
+1.0	2951 NAS	2919 NAS	2942 NCP	2962 NAS	2942 NCP	2932 NCP
+2.0	2952 NAS	2920 NAS	2943 NCP	2963 NAS	2943 NCP	2933 NCP
+3.0		2921 NAS	2944 NCP	2964 NAS	2944 NCP	2934 NCP
-2.0	2953 NAS	2915 NAS	2945 NCP	2965 NAS	2945 NCP	2935 NCP
-3.0	2954 NAS	2916 NAS	2946 NCP	2966 NAS	2946 NCP	2936 NCP
-4.0		2917 NAS	2947 NCP	2967 NAS	2947 NCP	2937 NCP
-5.0		2918 NAS	2948 NCP	2968 NAS	2948 NCP	2938 NCP

FOCUSING SCREEN CHART



Possible: The image is bright over the entire focusing screen but microprism center or center of the cross hairs is dark.

Possible: Slight vignetting is visible on the focusing screen; however, this has no effect on image quality.

Possible: For lenses with an aperture of 2.8 and larger; focus in the center of the screen does not correspond to that on the film; focusing must be performed outside the 12mm center reference circle.

Exposure via stop down method

Acceptable Focusing: Split image rangefinder, microprism or cross hair is dim; focus on surrounding matte area.

Acceptable Focusing: Slight vignetting or moire phenomenon effects the screen image but not film image Exposure measurement not possible; focusing only.

-1/2, -1, -1 1/2, +1/2: Compensation with DP-20 in Center Weighted metering. To adjust, see details provided with the camera's instruction manual.

Speedlights

SEE FLASH IN A

WHOLE NEW LIGHT

Get ready for a new experience in flash

photography. Nikon has perfected tech-

niques that combine ambient light with

light from the flash. You'll use

flash in all-new ways to create

photographs you might never

have achieved before.



Based upon the computerized analysis of brightness and contrast, Matrix Metering determines the proper ambient light

exposure. Flash illumination of the subject is then controlled by the camera's TTL circuitry, resulting in a pleasing and natural balance with the ambient light. Matrix Balanced Fill-Flash is available with the Nikon F4S,

N6006, N6000 and N50.



NEW NIKON SB-26 SPEEDLIGHT

The new SB-26 offers advanced features like Monitor Pre-flash, Red-Eye Reduction, Repeating Flash for stroboscopic effects and FP High Speed Sync. Flash coverage automatically adjusts

from 24 to 85mm. Built-in wideangle adapter extends coverage to an 18mm lens. Manual control with power ratio to 1/64 power is ideal for multiple flash or macro applications. Flash can be adjusted from +1 EV to -3 EV for fine fill flash control.



WIRELESS FLASH OPERATION

Wireless slave flash using the non-TTL A Mode or Manual Mode with power ratio control, operates with all Nikon cameras. The SB-26 has a unique Delay Mode that enables the primary flash to operate

with accurate TTL control (available with all Nikon AF SLRs), unaffected by the remote SB-26. Use any number of SB-26 Speedlights for new and different flash effects you never thought possible.

NIKON 3D MULTI-SENSOR

BALANCED FILL-FLASH

This most advanced form of Automatic Balanced Fill-Flash is made possible by the combination of the Nikon N90s, a D-type AF Nikkor lens and the SB-26.* Just after the mirror goes up but before the shutter moves. the SB-26 fires a series of imperceptible Monitor Pre-flashes that is detected by the N90s's 5-segment TTL Multi Sensor. Distance information from the D-type lens is integrated with exposure control information, automatically controlling flash output level. It is even effective when shooting scenes with: a mirror, white wall or other extremely reflective surface; obstacles in front of the subject on which you wish to avoid sunlight; and subjects against an "infinite" background (sky, clouds, etc). When the N90s and SB-26 are used with a non-D-type AF or AI-P Nikkor lens (non 3D), Multi-Sensor Balanced

*3D Multi-Sensor Balanced Fill Flash can also be obtained with N90 and N70 cameras. Fill-Flash is performed. This offers the same flash output control system but operates without distance information from the lens. Multi-Sensor Balanced Fill-Flash, minus Monitor Pre-flash, is also performed with the SB-24/23/22/20/16B Speedlights — an operation superior to single-sensor systems.

SLOW SYNC

When flash pictures are taken in dim light, the background may come out dark. With the Nikon N90s, N90, N70, N6006 or N6000, simply setting Slow Sync Mode extends the automati-



cally controlled shutter speed range, enabling darker backgrounds to be well exposed so that details will stand out, without the need to set aperture and shutter speed manually.

AF-ASSIST ILLUMINATOR LED

Nikon AF Speedlights incorporate an autofocus assist illuminator which gives contrast to a dark subject. This makes it possible to take sharp autofocus pictures even in total darkness.



REAR CURTAIN SYNC

Now you can fire the flash at the end of the exposure, instead of at the beginning (especially effective at slow shutter speeds). This results in the available light turning into a stream of light



following the flash-illuminated subject. This technique is possible with the following combinations: F4 series, N70, N90s and

N90 cameras with the SB-24, SB-25 or SB-26. N6006 and N6000 cameras with SB-26, SB-25, SB-24, SB-23, SB-22, SB-21B, SB-20, SB-16B, SB-14 and SB-11 (with SC-23 Cord).

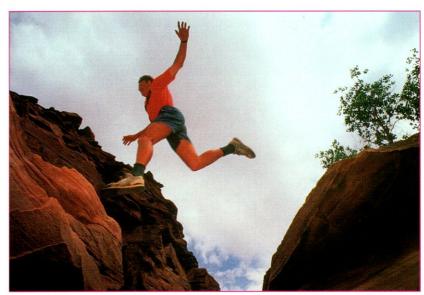
REPEATING FLASH

This feature provides a strobe-effect which fires the flash continuously at selected rates. The length of time between flashes, the number of flashes per second and the flash output power can be chosen. Available with new SB-26 and SB-25.



FP HIGH-SPEED SYNC

Using manual flash operation with the N90s or N90, the SB-26's flash output continues from the start of the shutter curtain opening until it is fully closed. This allows flash synchroniza-



tion with fast shutter speeds from 1/250 to 1/4000 sec. You can capture fill-flash pictures even with film that has a high ISO rating, and still maintain wide-aperture settings for expanded control of depth of field.

RED-EYE REDUCTION

The SB-26, used with the N90s in its Red-Eye Reduction mode, fires three pre-flashes to make the pupils of the eyes contract, thus reducing the effect of red-eye when the fourth and final flash fires.

NIKON SCHOOL PHOTO TIP:

USE BOUNCE FLASH TO SOFTEN THE EFFECT OF ARTIFICIAL LIGHT.
IN A BOUNCE FLASH EXPOSURE, THE FLASH IS NOT POINTED DIRECTLY
AT THE SUBJECT. INSTEAD, IT IS POINTED AT ANOTHER SURFACE SUCH
AS A CEILING OR REFLECTOR, WHICH THEN "BOUNCES" THE LIGHT
ONTO THE SUBJECT.

SB-26

FOR THE ULTIMATE IN NIKON FLASH PHOTOGRAPHY

- Wireless capability in multiple flash situations, when used as a secondary flash. Any number of SB-26 Speedlights can be used together for complete wireless control.
- Unique delay mode enables TTL control of main flash, unaffected by the light of SB-26
- 3D multi-sensor balanced fill-flash with monitor pre-flashes with N90s, N90, N70 and D-type AF Nikkor lenses
- Multi-sensor balanced fill-flash with N90s, N90, N70 and non-D-type AF Nikkor lenses
- Matrix balanced fill-flash with F4-series, N90s, N90, N70, N6006, N6000 or N50 and AF and AI-P Nikkor lenses
- Slow sync flash with F4-series N90s, N90, N6006, N6000 or N50
- Rear curtain sync with F4-series, N90s, N90, N70, N6006 or N6000
- Red-Eye Reduction with N90s, N90 and N70
- FP high speed flash sync with N90s and N90 up to 1/4000 sec.
- AF-Assist Illuminator LED, for sharp pictures even in total darkness
- · Repeating flash
- · Manual flash output level compensation
- Automatic power zoom coverage from 24mm to 85mm with Nikon AF SLR camera body and AF-Nikkor lenses
- · Built-in wide flash adapter to cover 18mm
- · Built-in bounce card
- Tilting/rotating flash head
- LCD panel
- Includes Nikon Soft Case SS-24
- Guide number (ISO 100 in feet) 118 with zoom head set at 35mm
- Recycling time approximately up to 7 seconds

Nikon Product Number: 4707 NAS



ACCESSORIES

Accessory Nikon Product Number
Soft Case SS-24 (repl) 4609 NAS
C-Cell Battery Pack SD-7 (comes with SC-16 Power Cord) 4520 NCP

High Performance AA Battery Pack SD-8 4720 NCP

SB-23

BRIGHT, COMPACT TTL SPEEDLIGHT

- Multi-sensor balanced fill-flash with N90 and AF or AI-P Nikkor lenses
- Matrix balanced fill-flash with F4 series, N70, N6006, N6000 or N50 and AF or AI-P Nikkor lenses
- AF-assist illuminator
- Aperture/distance range chart attached to flash for easy reference
- Includes Nikon Soft Case SS-23
- Guide number (ISO 100 in feet) 66
- Recycling time approximately 2 seconds

Nikon Product Number: 4704 NCP



ACCESSORIES

Accessory

Soft Case SS-23 (repl)

Nikon Product Number 4607 NCP

SB-22

COMPACT, ECONOMICAL TTL SPEEDLIGHT

- Multi-sensor balanced fill-flash with N90 and 5 AI-P or AF Nikkor lenses
- Matrix balanced fill-flash with F4-series, N70, N6006, N6000 or N50 or N5005 and AI-P or AF Nikkor lenses
- AF-Assist illuminator LED
- Wide flash adapter to cover 28mm lenses
- Tilting flash head from -7° to 90° for bounce flash shooting
- Includes Nikon Soft Case SS-22
- Guide number (ISO 100 in feet) 75
- Recycling time at manual full output approximately 4 seconds

Nikon Product Number: 4703 NCP



ACCESSORIES

Accessory

Soft Case SS-22 (repl)

C-Cell Battery Pack SD-7 (comes with SC-16 Power Cord)

High Performance AA Battery Pack SD-8

Nikon Product Number

4606 NCP

4520 NCP

4720 NCP

SB-20

COMPACT, MULTI-FUNCTIONAL TTL SPEEDLIGHT

- Multi-sensor balanced fill flash with N90s or N90 and AF or AI-P Nikkor lenses
- Matrix-balanced fill-flash with F4-series, N70, N6006, N6000 or N50 or N5005 and AF and AI-P Nikkor lenses
- · AF-assist illuminator LED
- \bullet Selectable flash coverage angles for 28mm, 35mm and 85mm or longer lenses
- Tilting flash head from -7° to 90° for bounce flash shooting
- Includes Nikon Soft Case SS-20
- Guide number (ISO 100 in feet) 100 with head set at N
- · Recycling time approximately 6 seconds

Nikon Product Number: 4700 NCP

ACCESSORIES

Accessory Nikon Product Number
Soft Case SS-20 (repl) 4605 NCP
C-Cell Battery Pack SD-7 4520 NCP
(comes with SC-16 Power Cord)

High Performance

AA Battery Pack SD-8 4720 NCP



SB-16A/SB-16B

COMPATIBLE WITH ALL NIKON SLR'S

- Multi-sensor balanced fill flash with N90s, N90 or AF and AI-P Nikkor lenses
- Matrix-balanced fill-flash with F4-series, N70, N6006, N6000 or N50 and AF and AI-P Nikkor lenses
- Selectable main flash coverage angles (28mm, 35mm, 50mm, 85mm)
- Tilting, rotating main flash head from -7° to 90° for bounce flash shooting
- · Secondary flash fills shadow
- SB-16A for F3 series cameras includes AS-8
 Flash Unit Coupler
- SB-16B for Nikon cameras with standard ISO hot shoe includes AS-9 Flash Unit Coupler

- Both models include Nikon Wide Flash Adapter SW-7, Soft Case SS-16, Battery Holder MS-5
- Guide number (ISO 100 in feet) 105 with zoom head set at N (35mm)
- Recycling time at full manual output approximately 11 seconds, more flashes and shutter recycle times are possible in TTL mode

ACCESSORIES

Accessory	Nikon Product Number
Soft Case SS-16 (repl)	4551 NCP
Wide Angle Flash Adapter SW-7 (repl	1) 4550 NCP
AA Battery Holder MS-5 (repl)	4552 NCP
SB-16A Coupler to F3 (repl) AS-8	4544 NAS
SB-16B Coupler to ISO shoe (repl) As	S-9 4545 NCP





Nikon Product Number SB-16A: 4542 NAS Nikon Product Number SB-16B: 4543 NCP

SB-14

DESIGNED TO MEET PROFESSIONAL NEEDS

- Multi-sensor balanced fill flash with N90s and N90 and AF or AI-P Nikkor lenses (with SC-23 cord)
- Matrix-balanced fill-flash with F4 series, N70, N6006, N6000 or N50 and AF and AI-P Nikkor lenses (with SC-23 cord)
- TTL flash exposure with F3 series (optimal SC-12 TTL cord required)
- Angle of coverage 70° horizontal and 53° vertical (78° and 60° with wide flash adapter SW-5)
- Includes Nikon Wide Flash Adapter SW-5, Sync Cord SC-11, Bracket SK-5, Sensor Unit SU-2, SD-7 C Cell Battery Pack
- for 24mm lens coverage
- Guide number (ISO 100 in feet) 105 (72 with wide flash adapter)
- Recycling time approximately 8 seconds

Nikon Product Number: 4525 NAS

SB-11

HIGH-PERFORMANCE, HIGH-POWER SPEEDLIGHT

- Multi-sensor balanced fill flash with N90s and N90 and AF and AI-P Nikkor lenses (with SC-23 cord)
- Matrix-balanced fill-flash with F4-series, N70, N6006, N6000 or N50 and AF and AI-P Nikkor lenses (with SC-23 cord)
- Tilting 90° flash head with angle of coverage 70° horizontal and 53° vertical (with wide flash adapter SW-3)
- Includes Nikon Wide Flash Adapter SW-3, Sync Cord SC-11, Bracket SK-4, Sync Cord SC-11, Sensor Unit SU-2
- Guide number (ISO 100 in feet) 118; 82 with wide flash adapter SW-3
- Recycling time approximately 8 seconds

Nikon Product Number:

311 NCP



ACCESSORIES

ACCESSORIES	
Accessory	Nikon Product Number
SC-23 TTL Sync Cord	4562 NCP
Wide Angle Flash Adapter SW-5 (repl)	4522 NAS
Sensor Unit SU-2 (repl)	3055 NCP
Mounting Bracket SK-5 (repl)	4539 NAS
Speedlight Flash Head SB-14 (repl)	4514 NAS
Flash Cord SC-11 for SB-14 (repl)	3056 NCP
Power Cord SC-16 for SD-7 (repl)	4523 NCP
C-Cell Battery Pack SD-7 for SB-14 (repl)	4520 NCP
(comes with SC-16 Power Cord)	

ACCESSORIES

Accessory	Nikon Product Number
Wide Angle Flash Adapter SW-3 (repl)	3057 NCP
Sensor Unit SU-2 (repl)	3055 NCP
Mounting Bracket SK-4 (repl)	369 NCP
Flash Sync Cord SC-11 for SB-11 (repl)	3056 NCP
C-Cell Battery Pack SD-7 (comes with SC-16 Power C	Cord) 4520 NCP
High Performance Battery Pack SD-8	4720 NCP
AA Battery Holder (repl)	3064 NCP



NIKON WIDE FLASH ADAPTER



TILTING MAIN

MAKING THE IMPOSSIBLE, POSSIBLE

This spectacular Joe McNally photograph of a New York City street scene was accomplished entirely with an array of Nikon Speedlights. What makes this shot possible is the exclusive wireless remote capability of the lightweight and portable SB-26 AF Speedlight. Numerous SB-26 Speedlights were placed in locations in which ordinary flash units could not be placed due to physical restrictions and required connecting cords. The result? A stunning flash photograph, virtually unachievable with conventional flash units. Joe McNally tells us in his own words the exact details surrounding this remarkable shot.

A PHOTO OUT OF YOUR WILDEST DREAMS

"This is a photograph I've always dreamed about taking, but never could, because it just wasn't practical. Now, though, with the wireless SB-26 Speedlight, I can attempt and capture shots of this magnitude and difficulty. So I thought, 'What in your wildest dreams could you do to really show off the benefits of the SB-26? What could you do to emphasize the extreme lengths a whole bunch of these units could take you to?' And a logical conclusion was to create a whole cast of characters in a situation that would be outdoors, edging towards night, where you would have to create a whole series of scenes in a wideangle tableau."

GIANT POP OF LIGHT

"We tried to create a chain of events surrounding this entire tableau. We wanted to trigger the entire scene from the main light on-camera, and introduce some of these SB-26 units in the background as kicker lights, hair lights, background lights, that type of thing. And, of course, we had to position them so they would trigger each other. What we really wanted was to get one giant collective pop of light out of say, 20 to 25 of these units throughout the street corner."

ITS STRENGTH IS ITS SIZE

"The blessing of these SB-26 units is that they're small, and you can stash them in places that ordinarily would be impossible to use bigger strobes. The phone booth, for instance: there was an SB-26 in the roof of that. Physically, you just couldn't get a big flash unit in there, so an SB-26 was an ideal solution."

GEARED FOR VERSATILITY

"The elegantly dressed couple on the curb was our primary focus, so they were lit with a TTL Speedlight that gave us a basic f/stop of around f/4. All the other units I dovetailed to that exposure, and I varied them with the type of intensity I wanted. For instance, for the blue light in the window upstairs is designed to simulate the glow of a TV. I wanted that to be a little bit saturated so the blue would really read; so I geared that manually to a little bit under our overall exposure. I wanted the dancer upstairs to be bright so you

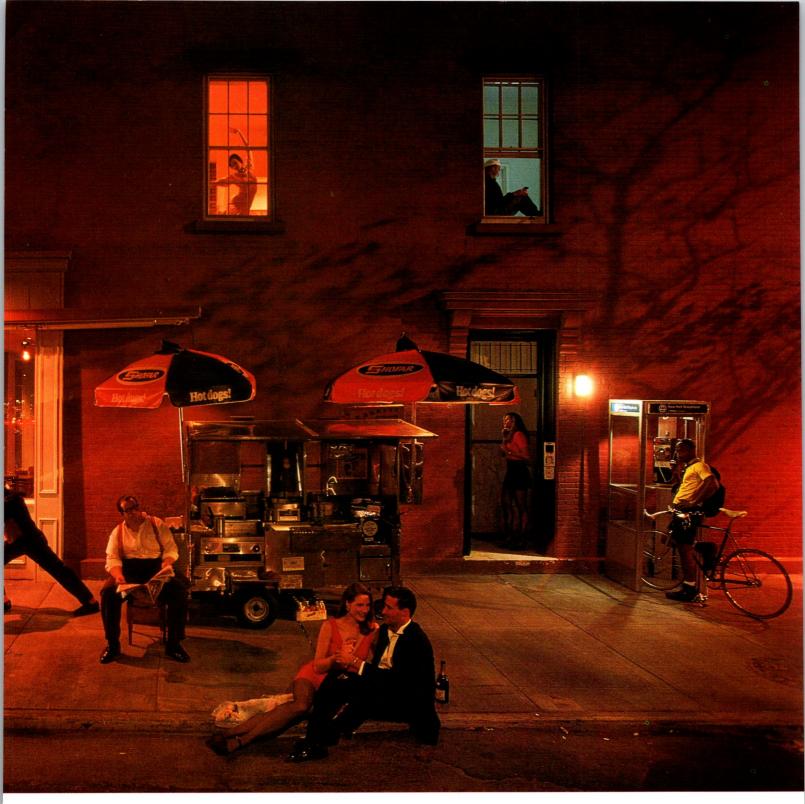


could really see her; so I geared that to be an equivalent exposure to the couple on the curb. As you can see, the beauty of the system is that it gives you so much versatility."

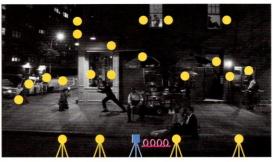
MORE FREEDOM THAN EVER BEFORE

.....

"The versatility of the SB-26 just opens up so many doors creatively for a photographer. I'm experiencing more freedom now than at any time before. If I can dream up the shot, chances are I can pull it off. The greatest benefit of these Speedlights, though, is their overall simplicity — they're lightweight, convenient and highly operational. And as a location photographer for quite a number of years now, I'm all in favor of anything that will make my job easier."







FOR COMPLETE DETAILS OF THIS
UNIQUE JOE MCNALLY
PHOTOGRAPH, SEE THE NIKON
SCHOOL VIDEOTAPE,
"How TO GET THE MOST FROM
YOUR SB-26 SPEEDLIGHT."
SEE PAGE 88 FOR DETAILS.

SB-140 UV-IR

FOR ULTRAVIOLET, VISIBLE AND INFRARED PHOTOGRAPHY

Automatic TTL flash output control with Nikon F3-series via SC-12 cord, and Nikon F4/N90s/N90/N70/N6006/N6000/N50, via SC-23 cord. TTL flash output control only for visible light. Non-TTL automatic exposure control with any Nikon SLR cameras via SU-3 Sensor Unit for visible light

- Three-step automatic exposure control via SU-3 Sensor Unit.
 Aperture settings (ISO 100, visible light) of f/4 at 2-26', f/5.6 at 2-18' and f/8 at 2-131'
- SW-5 V Filter, 400-1100nm (for visible light). SW-5UV Filter, 300-400mm and above 650mm (for UV light). SW-5IR Filter, 750-1100nm (for IR light)
- Includes SC-11, SK-5, SU-3, SW-5V/5UV/5IR. Requires SD-7 battery pack for operation
- Guide number 105 as normal with SW-5V for visible light (ISO 100 and feet).* Guide number 72 with SW-5IR for infrared light.** Guide number 52 with SW-5UV for ultraviolet light.
- Recycling time approximately 9.5 seconds in manual mode; faster in automatic modes of operation

Nikon Product Number: 4512 NAS



ACCESSORIES

Accessory

Flash Sync Cord SC-11 (repl) Mounting Bracket SK-5 (repl) Sensor Unit SU-3 (repl) SW-5UV UV Adapter (repl) SW-5V Visible Ray Adapter (repl) SW-5IR Infrared Adapter (repl) C-Cell Battery Pack SD-7 (comes with SC-16 power cord) Nikon Product Number 3056 NCP 4539 NAS Special Order NAS Special Order NAS Special Order NAS Special Order NAS 4520 NCP

TTL MACRO SPEEDLIGHT SB-21A/B

FOR BRILLIANT CLOSE-UP DETAIL

- Designed specifically for close-up photography
- Dual, rotatable flash tubes allow you to select flat front lighting or selected relief lighting
- Advanced electronics assure consistent exposure control with variable output
- Built-in focus illuminator aids manual focusing
- Further lighting enhancement is possible using secondary lighting or reflector systems (because exposure control can be completely automatic, no special calculations are required when using these systems)
- Ideally suited for use with all Micro-Nikkor lenses.
- SB-21A for F3-series cameras. Includes AS-12 controller, SS-17/21 case, SW-8 wide-flash adapter, mounting ring for 52mm and 62mm.
- SB-21B for ISO shoe (F4-series N90s, N90, N70, N6006, N6000 and N50). Includes AS-14 controller, SS-17/21 case, SW-8 wide-flash adapter, mounting ring for 52mm and 62mm
- Guide number (ISO 100 in feet) 43 with internal batteries (49 with external power source)
- Recycling time approximately 8 seconds at manual full output.

ACCESSORIES

Accessory	Nikon Product Number
Controller/Power Pack AS-12	4565 NAS
for SB-21A (repl)	
Controller/Power Pack AS-14	4566 NAS
for SB-21B (repl)	
Case for Controller Unit SS-17 (repl)	4554 NAS
Case for Flash Unit SS-21 (repl)	4723 NAS
Wide Flash Adapter SW-8 (repl)	4546 NAS
AA Battery Holder MS-6 (repl)	4553 NAS
Adapter Ring UR-3	2396 NAS
(req. with 60mm Micro for	
AF Operation)	
DC Power Pack LD-2	4505 NAS
(requires SC-21 power cord)	
AC Power Pack LA-2	4506 NAS
(requires SC-21 power cord)	
Power Connecting Cord SC-21	4534 NAS
52mm Adapter Ring for SB-21 (repl)	4598 NAS
62mm Adapter Ring for SB-21 (repl)	4599 NAS

Nikon Product Number for SB-21A (F3 shoe version): 4701 NAS Nikon Product Number for SB-21B (ISO shoe version): 4702 NAS



CONTROLLER AS-12 FOR F3 SERIES CAMERAS



CONTROLLER AS-14 FOR NIKON CAMERAS WITH ISO MOUNTING SHOE

NIKON SCHOOL PHOTO TIP:

USING FILL-FLASH NOT ONLY FILLS IN DARK SHADOWS,
IT SHIFTS THE CONTRAST RANGE. THE RESULT IS A PICTURE IN WHICH NOT
ONLY DARKER AREAS SHOW MORE DETAIL,
BUT LIGHTER AREAS AS WELL. FILL-FLASH CAN MAKE PHOTOS LOOK
BRIGHTER AND MORE DETAILED, ALMOST
AS IF ENHANCED.

EXTERNAL POWER SOURCES

DC UNIT SD-7

The SD-7 operates on six C-type batteries and offers a separate power source for the SB-26, SB-25, SB-22, SB-20, SB-11 and SB-14. Shortens flash recycling time and enhances flash capacity. Includes SC-16 Power Connecting Cord. Also works with Speedlights SB-26, SB-25, SB-24, SB-22, SB-20, SB-11, SB-14 and the SB-140.

Nikon Product Number: 4520 NCP

HIGH PERFORMANCE BATTERY PACK SD-8

The SD-8 shortens flash recycling time by as much as 60-75% and more than doubles flash capacity. The SD-8 operates on six AA-type alkaline or NiCad batteries and can be used with the SB-26, SB-25, SB-24, SB-22, SB-20 and SB-11.

Nikon Product Number: 4720 NCP

POWER BRACKET MODEL SK-6

This convenient external power unit not only reduces flash recycling time, while increasing the number of available flashes, it offers an adjustable side-mounted handle. Camera, flash and all necessary connections are made within this single unit. Handle provides a convenient hand-hold for entire camera/Speedlight system, or when Speedlight is disconnected for creative lighting

effects. Requires 4 AA batteries. Compatible with SB-22, 24, 25 and 26, and Nikon F4S, N90s, N90, N70, N6006, N6000 and other camera models.

Nikon Product Number:

4724 NAS



MULTIPLE FLASH PHOTOGRAPHY

Multiple flash photography can yield stunning results, and takes less equipment than most photographers expect. Using up to 5 Nikon Speedlights, you control the intensity of back, rim and background separation lighting. The amount of light produced by each flash is usually set manually. Speedlights are usually positioned so that there is a main flash and secondary flash units. If you choose an automatic exposure mode, standard TTL is your best choice since it will allow the different intensities of light to affect the photo.

TTL MULTIPLE FLASH SYSTEM

A Nikon multiple flash system can be made up of any combination of Nikon TTL Speedlights (SB-26,25, SB-24, SB-23, SB-22, SB-20, SB-17, SB-16A/B, SB-21A/B) and a Nikon N90, F3, F4, N70, N6006 or N6000. Then simply add the TTL remote or TTL multi-flash sync cords and AS-10 adapter (if using more than 3 flash units) available for TTL off-camera or multiple-flash photography. The camera's built-in sensor automatically measures and controls the light from all units.

ACCESSORIES FOR TTL MULTIPLE FLASH

TTL REMOTE CORD SC-14

Provides off-camera positioning and TTL flash control of Nikon SB-16A or SB21A with Nikon F3-series cameras.

Approximately 3.3' long.

Nikon Product Number: 3061 NAS

and TTL SB21A with

TTL REMOTE CORD SC-17

Use this coiled cord to connect Nikon TTL Speedlights to selected Nikon SLRs with standard ISO accessory shoe (N90s, N90, F4, N70, N6006 or N6000). Up to two units can be connected to the SC-17's terminals through the TTL

Multi-Flash Sync Cord SC-18 or SC-19 for TTL multi-flash photography.

Approximately 5' long.

Nikon Product Number: 4557 NCP



TTL REMOTE CORD SC-24

For TTL flash control when using Nikon F4 series cameras with DW-20 waist-level finder or DW-21 6x finder.

Nikon Product Number: 3067 NAS



TTL MULTIFLASH SYNC CORDS SC-18, SC-19

Use these cords to connect TTL flash units to each other through the TTL Multi-Flash Adapter AS-10 or TTL Remote Cord SC-17 for multi-flash operation. SC-18 is 5' in length. SC-19 is 10'.

Nikon Product Number SC-18: 4558 NCP Nikon Product Number SC-19: 4559 NCP



TTL MULTI-FLASH ADAPTER AS-10

The AS-10 enables you to control up to three TTL flash units. AS-10 attaches to the SB-26, SB-25, SB-22, SB-20, SB-16B or SB-21B. Connect additional TTL Speedlights with the SC-18 or SC-19, except when using wireless SB-26.

Nikon Product Number: 4560 NCP



FLASH TRIPOD ADAPTER AS-11

The AS-11 allows you to attach the SB-16A to a tripod. Adapter simply screws into position. Also works with previous Speedlight models SB-17 and SB-12.

Nikon Product Number: 4561 NAS



NIKON SCHOOL PHOTO TIP:

REPEATING FLASH IS WHEN A SERIES OF EXPOSURES IS MADE
ON A SINGLE FRAME OF FILM TO ILLUSTRATE MOVEMENT.
BECAUSE OF THE LONGER SHUTTER SPEEDS REQUIRED, A
TRIPOD IS RECOMMENDED WHEN USING THIS TECHNIQUE.
SHOOTING AGAINST A DARK OR BLACKENED BACKGROUND IS
ALSO SUGGESTED FOR BEST REPEATING FLASH RESULTS.

FLASH SYNC CORDS AND SYNC ADAPTER

Cord/Adapter	Description	Nikon Product Number
Sync Cord SC-11	This general purpose flash sync cord enables off-camera flash operation and is fitted with a PC-type connector at both ends. Connectors are threaded for secure mounting. Length 15".	3056 NCP
Sync Cord SC-14	Provides for off-camera positioning of F3-dedicated Speedlights, SB-16A and SB-21A. Provides full TTL flash coupling.	3061 NAS
Coiled Sync Cord SC-15	General purpose flash sync cord for off-camera operation. Provides same function as SC-11, except $3'$ coiled length.	4524 NCP
TTL Remote Cord SC-17	Provides full TTL flash coupling for off-camera positioning of Nikon Speedlights. Works with Nikon N90s, N90, N70, N6006, N6000 or N50. The end of this cord is the standard ISO accessory shoe. Up to two TTL flash units can be connected to the SC-17's terminals.	4557 NCP
TTL Connecting Cord SC-12	Enables TTL flash operation of SB-11, SB-14 or SB-140 with Nikon F3 series cameras.	356 NCP
TTL Connecting Cord SC-23	Enables TTL flash operation of SB-11, SB-14 or SB-140 with Nikon F4S, N90s, N90 N70, N6006, N50, N6000, N2000 cameras.	4562 NCP
Sensor Remote SC-13	The SC-13 allows the SU-2/3 sensor to be positioned near the camera hot shoe for more accurate flash exposures. Operates in non-TTL automatic and manual exposure modes. For general-purpose operation with SB-11, SB-14 and SB-140 Speedlights.	313 NCP
Power Connecting Cord SC-16 for SD-7	Provides connection for SD-7 to Speedlight (replacement item).	4523 NCP
Hot Shoe Adapter AS-15	Enables the connection of flash sync cords fitted with standard PC-type connector to the camera body via the built-in hot shoe. Suitable for use with Nikon SLR cameras not fitted with PC-type sync terminal.	3066 NCP

FLASH COUPLERS FOR F2 AND F3 SERIES CAMERAS

Nikon F2 and F3 series cameras require special couplers that enable the use of the SB-26, SB-25, SB-22, SB-20, SB-16B, SB-21B and other Nikon Speedlights with an ISO-type mounting foot. Special couplers may also be

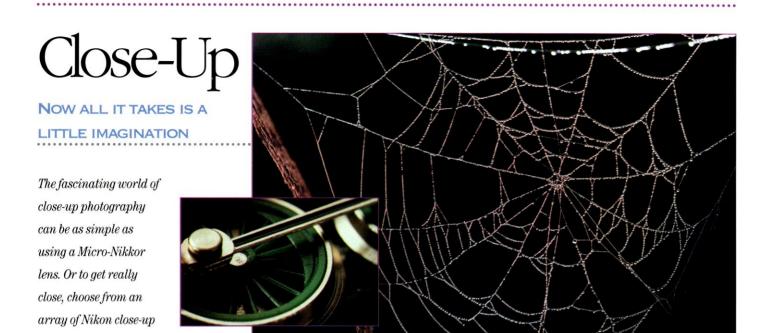
required with the use of previous-model Nikon Speedlights and Nikon F2 and F3 series cameras (see listing below).

Coupler	Description	Nikon Product Number
AS-1	$Couples \ Speedlights \ with \ ISO-type \ mounting \ foot \ to \ hot \ shoe \ of \ Nikon \ F/F2 \ series \ cameras.$	362 NAS
AS-2	Couples Nikon F/F2-dedicated Speedlights to ISO type hot shoe of Nikon F4/FM2/N90s/N90/N70/N6006/N6000/N50/N2020/N2000 cameras.	363 NAS
AS-3	Couples Nikon F/F2-dedicated Speedlights to hot shoe of Nikon F3 series cameras.	353 NAS
AS-4	Couples Speedlights with ISO-type mounting foot to hot shoe of Nikon F3 series cameras (TTL coupling is not possible).	354 NAS
AS-5	Couples Nikon F3-dedicated Speedlights to hot shoe of Nikon F/F2 series cameras.	3059 NAS
AS-6	$\label{lem:couples} Couples Nikon F3-dedicated Speedlights to ISO-type hot shoe of Nikon F4/FM2/N90s/N90/N70/N6006/N6000/N50/N2020/N2000 cameras (TTL coupling is not possible).$	3060 NAS
AS-7	Provides offset mounting of Speedlights for Nikon F3 series cameras to facilitate film rewind operation. Maintains full coupling for F3 dedicated Speedlights. Also enables use of ISO-type mounting foot Nikon Speedlights (TTL coupling is not possible).	3065 NAS
AS-8	Provides for mounting of SB-16 Speedlight head to F3 series camera's hot shoe. Provides all necessary interface for full TTL flash operation with these cameras.	4544 NAS
AS-9	Provides for mounting of SB-16 Speedlight head to Nikon SLR cameras equipped with 4545 NCP ISO type hot shoe. Provides all necessary interface for full TTL flash operation with these cameras.	4545 NAS

Sensor Unit SU-2

Sensor Unit SU-2 for SB-11, SB-14. Replacement sensor unit for SB-11, SB-14.

Nikon Product Number: 3055 NCP



60MM F/2.8D AF MICRO-NIKKOR

equipment and accessories.

This lens provides an exceptional range of applications. Distance Signal adds performance through its compatibility with N90s, N90, N70 and N50 3D Matrix Meter. Close-Range Correction system ensures high resolution down to 8 3/4"



(1:1 reproduction ratio). A-M (Automatic-Manual) switch enables quick changing from autofocus to manual focus.

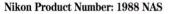
Wt. 16 oz. Dim. 2.8 x 3 ".

Nikon Product Number: 1987 NAS

105MM F/2.8D AF MICRO-NIKKOR

This lens adds extra free working distance for multiple lighting techniques. The lens's focal length makes it suitable for classic portraits, while close-focusing enables detail work. D-type lens technology provides distance information to

N90s, N90, N70 and N50 cameras. Close-Range Correction. Focuses from infinity to 12 inches (1:1). A-M (Automatic-Manual) switch. Wt. 19.6 oz. Dim. 3 x 4.2".



MICRO-NIKKOR 55MM F/2.8 MICRO-NIKKOR 200MM F/4 IF

Without any special attachments, these close-up lenses enable continuous operation from infinity to 1:2 (1/2 lifesize). To achieve life-size (1:1) attach the compatible close-up accessory extension ring. With the 200mm lens, use the Nikon TC-301 Teleconverter for 1:1 photography. With 55mm



micro use the PK-13 ring for 1:1 reproduction, Nikon Product Number 2653. Nikon 55mm F/2.8 Micro-Nikkor Product Number: 1442 NAS

Nikon 200mm F/4 Micro-Nikkor Product Number: 1468 NAS

200MM F/4D AF IF-ED MICRO-NIKKOR

The long focal length of this lens provides extra working distance. ED glass has been incorporated into selected elements for superior optical performance. Internal focusing improves handling and focusing operation. D-type lens technology provides distance information to N90s, N90, N70 and N50 cameras. Focuses from infinity to 19.4 inches (1:1 reproduction ratio). A-M switch and clutch mechanism ensure smooth manual focusing as well as fast and accurate change-over to autofocus operation. Wt. 42.3 oz. Dim. 3 x 7.7".

Nikon Product Number: 1989 NCP



MEDICAL NIKKOR 120MM F/4 IF

The Medical Nikkor also has tremendous application as a close-up lens. It focuses continuously from 1:11 down to life-size 1:1. By adding its specially designed close-up ele-

ment, focus from 1:1.25 to 2:1 magnification. Nikon Product Number:

983 NAS

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ATTACHMENT LENSES

Close-up attachment lenses are a convenient and economical way to get into close-up photography. They can be used with normal, zoom or telephoto lenses to focus within a

fixed close-up range. Camera functions will operate as usual. Close-up attachment lenses are numbered from 0 to 6T. Numbers 0, 1 and 2 are for use with standard lenses. Numbers from 3T to 6T are for use with telephoto and zoom lenses up to 210mm.



In general, the higher the number of the close-up lens, and the longer the focal length of the lens in use, the greater the reproduction ratio. Lenses may also be used in combination. All feature Nikon integrated coating.

Lens and Attachment Size	Nikon Product Number
Close-up Lens No. 0 IC 52mm (0.7 Diopter)	2732 NCP
Close-up Lens No. 1 IC 52mm (1.5 Diopter)	2733 NCP
Close-up Lens No. 2 IC 52mm (3.0 Diopter)	2734 NCP
Close-up Lens No. 3T IC 52mm (1.5 Diopter)	2736 NCP
Close-up Lens No. 4T IC 52mm (3.0 Diopter)	2737 NCP
Close-up Lens No. 5T IC 62mm (1.5 Diopter)	4536 NCP
Close-up Lens No. 6T IC 62mm (3.0 Diopter)	4537 NCP

AUTO EXTENSION RINGS

Nikon extension rings can be used singly or in combination to vary the reproduction ratio of lenses from 20 to 300mm. They are mounted between the camera body and the lens. As a rule, the effect becomes stronger the shorter the focal length of the lens in use, and the longer the focal length of the extension ring. Through-the-lens exposure control automatically compensates for lens extension. Manual and aperture-priority auto-exposure control modes are possible. Manual focus only.

Extension Ring	Nikon Product Number
PK-11A (8mm)	2656 NCP
PK-12 (14mm)	2652 NCP
PK-13 (27.5mm)	2653 NCP



BELLOWS AND ACCESSORIES

A bellows focusing attachment can allow you to get really close — as much as 11 times life-size. Depth-of-field and working distance are important when using a bellows, so you may want to add other Nikon accessories.

BELLOWS FOCUSING UNIT PB-6

The PB-6 renders reproduction ratios to nearly 11X, depending on lens used and mounting configuration. Its modular design offers a versatile system of close-up and macrophotography.

Operates with manual or aperture-priority auto, TTL metering

and flash control. Extension range is 48-208mm. Supplied with Front Standard,

Rear Standard, Rail Assembly and Bellows.

Nikon Product Number: 2660 NAS

EXTENSION BELLOWS PB-6E

This attachment more than doubles the magnification ratio of the PB-6 (to 22X) and a 20mm lens in reverse position at full bellows extension. Produces continuously variable extension range from 83-438mm. Includes Center Standard, Extension Rail Assembly, Extension Bellows.

Nikon Product Number: 2663 NAS

SLIDE COPYING ADAPTER PS-6

Duplicate and crop 35mm transparencies (with mounts up to 4mm thick) with this unit attached to the PB-6. Operates with TTL exposure systems.

Nikon Product Number: 2661 NAS



MACRO COPY 4STAND PB-6M

Provides the PB-6 with a convenient stand for small items. 18% grey surface.

Nikon Product Number: 2662 NAS

LENS REVERSING RING BR-2A, MOUNT ADAPTER RING BR-5,

ADAPTER RING BR-3, AUTO DIAPHRAGM RING BR-6

The BR-2A enables you to mount a 52mm front thread lens in reverse on the PB-6 and Nikon cameras. This increases magnification and working distance. BR-3 provides a 52mm thread for filters and other lens attachments with lens in reverse. BR-5 allows mounting lens with

62mm thread (use with BR-2A). BR-6 for the PB-4, PB-5 and PB-6 enables Nikkor lens auto-diaphragm control with

AR-4/7/10 cable release.

Nikon Product Number BR-2A: 2657 NCP

Nikon Product Number BR-3: 2629 NCP

Nikon Product Number BR-5: 2631 NCP

Nikon Product Number BR-6: 2658 NAS



B 24



-11

FOCUSING STAGE PG-2

Having selected your reproduction ratio, you can mount the PG-2 between the bellows and the tripod and move the complete system back and forth to obtain the sharpest focus.

Eliminates any need to modify either lens focus ring or bellows extension.

Nikon Product Number: 2756 NCP

REPRO COPY OUTFIT PF-4

This easy-to-use copystand is designed for Nikon equipment.
Includes column assembly, baseboard and grey card.
Nikon Product
Number: 2757 NAS

NIKON SCHOOL PHOTO TIP: "CLOSE-UP" ISN'T ALWAYS A MATTER OF HOW CLOSE YOU CAN GET TO THE SUBJECT MATTER. INSTEAD IT IS MORE COMMONLY DEFINED BY HOW LARGE THE IMAGE APPEARS ON THE FILM. THIS IS CALLED "REPRODUCTION RATIO." FOR EXAMPLE, IF THE IMAGE IS THE SAME SIZE AS THE ACTUAL SUBJECT, THE RATIO IS "1:1" OR SIMPLY "1X." IF THE IMAGE IS TWO TIMES LARGER. THE RATIO IS 2:1 OR 2X. IF ONE-HALF THE SIZE OF THE ORIGINAL, THE RATIO IS 1:2 OR 1/2X.

UP CLOSE WITH AL SATTERWHITE

"Working up close with Nikon is fast and easy. I shot this close-up portrait at the touch of a button, completely on automatic. Micro-Nikkor lenses offer tremendous flexibility. Other Nikon close-up accessories



CABLE RELEASES

When used together with the Bellows Focusing Attachment PB-6, the cable releases AR-10, AR-7 or AR-4 stop the lens diaphragm down to the preselected aperture the instant the shutter is released. To enable automatic diaphragm operation with PB-4 or PB-5, use the BR-4 ring. When used with a double release or double cable release, the BR-4 ring also allows automatic diaphragm operation of the lens mounted in the reverse position, via optional Macro Adapter Ring BR-2. When the BR-4 Auto Ring is used between the lens and bellows, its 9mm extension influences the range of magnification. When the lens is mounted in reverse position, the reproduction ratio remains the same as that given in the instruction manual of the bellows.

Cable Release Nikon Product Number AR-4 with Nikon Thread 2636 NAS 668 NAS AR-7 with ISO Thread AR-10 for MD Terminal 2670 NAS

BELLOWS/RAIL SPACER PB-6D

Mounts between the bellows standard and rail to provide sufficient clearance to enable motorized cameras to operate with bellows system. Two are required for operation.

For PB-6, 6E and PS-6.

Nikon Product Number: 2664 NAS

MISCELLANEOUS CLOSE-UP ACCESSORIES

Product Description	Nikon Product Number
Motor Drive Holder PH-4	2758 NAS
Enables motor drive with PF-4 Repro copy outfit.	
18% Grey Card for PF-4	2754 NAS
Replacement item.	
Table Clamp PC-3	2753 NAS
Enables use of PF-4 with table or firm support	
up to 1.5" thick.	
Tripod Adapter Plate	2759 NAS
Attach F4S, N90s, N90, N70 to PF-4.	
Slide Copy Adapter ES-1	3213 NAS
Fast, accurate slide duplication with	
Nikkor 55mm f/2.8 Micro-Nikkor lens.	

TTL MACRO SPEEDLIGHT SB-21A/B

Designed specifically for close-up work, this compact, battery-operated unit features dual rotatable flash tubes, for flat front lighting or selected relief lighting. Advanced electronics assures consistent exposure control with variable output. A built-in focus illuminator aids manual focusing. Further enhancement to lighting is possi-

ble using secondary lighting and reflector systems. This unit is ideally suited for use with the AF

Micro-Nikkor lenses.

Nikon Product Number SB-21A: 4701 NAS Nikon Product Number SB-21B: 4702 NAS



Remote Contro

Nikon remote control lets you stay out-of-sight while your camera stays within range. Avoid disturbing the action. Get the kind of photos others only dream about.

WIRELESS RADIO REMOTE CONTROL SET MW-2

Provides interference-free remote control up to 2,295 feet (700 meters). Operates with Nikon motor-driven cameras F4S, F3 Series (with MD-4 motor), N90s and N90 (requires MC-25 adapter cord), N70, FM2 (with MD-12). Can operate three separate cameras automatically. (supplied w/MC-18 cord).

Nikon Product Number for MW-2: 141 NCP Nikon Product Number for MW-2 Receiver (repl.): 142 NCP

Nikon Product Number for MW-2 Transmitter (repl.): 143 NCP



MODULITE REMOTE CONTROL SETS ML-2, ML-3

Compact unit uses modulated light to automatically control up to two cameras for distances up to 327 feet. Operates with Nikon motor-driven cameras F4S, F3 Series (with MD-4), N90s and N90 (requires MC-25 adapter cord), N70, FM2 (with MD-12). Also for N90s and N90, see ML-3 (page 15). ML-3 for N90s and N90 camera only.

Nikon Product Number for ML-2: 4641 NCP Nikon Product Number for ML-3: 4645 NAS Nikon Product Number for Bracket: 4648 NAS



INTERVALOMETER MT-2

For unmanned time-lapse photography, work sampling, time exposures or delayed exposures. Quartz-controlled MT-2 provides shooting intervals from 0.1 seconds to 27 hours and either 2-second or 16second shutter release delay, allowing time for focusing or flash recycling. Can also be used with other remote control devices. Operates with Nikon motor-driven

cameras F4S, F3 Series (with MD-4), N90s and N90 (requires MC-25 adapter cord), N70, FM2 (with MD-12).

Nikon Product Number: 128 NCP

MOTOR REMOTE TRIGGER CORD MC-12A

For remote control photography up to 9.8 feet away. The MC-12A has a convenient handgrip, trigger release button and trigger lock lever. Depressing the button halfway turns on the camera's exposure meter. Depressing fully releases the shutter. Trigger lock enables time expo-

sures. F4S, F3 Series (with MD-4), N90s and N90 (requires MC-25 adapter cord), N70, FM2 (with MD-12 motor).

Nikon Product Number: 4586 NCP

MOTOR REMOTE CORD WITH BANANA PLUG MC-4A (3')

For remote photography. The plug on one end of the MC-4A connects to the remote control socket. The other end has both plus and minus banana-type plugs, used to connect a variety of electrical remote control devices.

Nikon Product Number: 4583 NCP

AH-3 TRIPOD MOUNTING ADAPTER

For attaching Nikon cameras with separate motor drives to tripod or Repro-copy Outfit PF-4.

Nikon Product Number: 4580 NCP

REMOTE CORD WITH

TIMER MC-20

Enables remote firing and long time-exposure settings (up to 9 hours, 59 minutes, 59 sec.) of F4S, N70, N90s and N90 cameras. LCD panel with illuminator counts exposure time up or down. Provides both B and T mode operation. Use with F4S and N70 requires MC-26 Adapter Cord and CR2032 battery.



Nikon Product Number: 4650 NAS

MC-26 ADAPTER CORD

To connect MC-20 Remote Cord to Remote Terminal of F4S or N70. Nikon Product Number:

4656 NAS



MOTOR REMOTE TRIGGER CORD MC-10

For use with F4S/F3 Series/FM2/ N70 SLRs, motor drives MD-2/3/4/12/15 for firing at camera distance up to 10'.

Nikon Product Number: 131 NCP



MOTOR TERMINAL RELEASE MR-3

For mounting on the standard remote control terminal of Nikon motor drives and motorized cameras. Provides alternate shutter release. Tapered thread for connection of standard ISO-type cable release.

Nikon Product Number: 4563 NCP

CABLE RELEASES

Essential for slow shutter speeds, Nikon cable releases ensure one-hand shutter release operation. Model AR-3 with ISO type tapered thread for F4S, F3 series, N6006/6000, FM2N. AR-7 for use with PB-6 and F4S, F3 series, N6006/6000, FM2N. AR-10 for use with N90s and N90 (with MC-25), N70.

Cable Release Nikon Product Numbers: AR-3 664 NCP, AR-7 668 NAS, AR-10 2670 NAS

Miscellaneous SLR Accessories

ANTI-COLD BATTERY PACKS DB-2, DB-5

These external battery packs allow you to keep your battery power source inside your pocket to keep it warm and your camera operational in freezing temperatures. DB-5 uses 6V lithium battery. DB-2 uses 2 AA batteries.

Pack DB-2 for F3 Series, FM2N DB-5 for N8008S Nikon Product Number 3062 NCP 3068 NAS

EXTERNAL BATTERY PACK DB-6

The DB-6 provides added power for prolonged or low-temperature shooting with the F4s, N90s or N90. Uses six D-type batteries and connects to the F4's MB-23 Battery

Pack via MC-28, N90s or N90 via MC-29 cord.

Nikon Product Number: 3069 NAS

Nikon Product Number for MC-28 Cord for F4S: 4658 NAS

Nikon Product Number MC-29 Cord for N90: 4659 NAS





PANORAMA HEAD AP-2

Provides panoramic shooting on tripod with 28mm to 105mm lenses. Includes fitted bubble level for precise tripod setup and horizon. For F4S, N90s, N90, F3HP/F3/T, N70, N6006/6000, FM2N.

Nikon Product Number: 2028 NCP

SYNC TERMINAL ADAPTER AS-15

Connects flash sync cords fitted with standard PC-type

connector to the camera body via the built-in hot shoe. Suitable for use with Nikon SLR cameras not fitted with PC-type sync terminal. For N70, N6006/6000, N50.

Nikon Product Number: 3066 NCP

CABLE RELEASE ADAPTER AR-8

Adapts cable release connectors fitted with Nikon-type mount for operation with cameras having ISO-type tapered thread. For use with AR-2/4 release only and F3HP/F3/T and FM2.

Nikon Product Number: 669 NCP

SOFT SHUTTER RELEASE AR-9

For mounting on shutter buttons fitted with ISO-type tapered thread. For F3 Series, N6006/6000 and FM2 cameras.

Nikon Product Number: 4417 NCP

CAMERA NECKSTRAPS

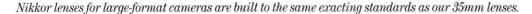
Choose nylon, leather or leatherette — all adjustable to length. Flared nylon neckstraps ensure no-strain carrying. Leather and leatherette types have shoulder pads for wearing comfort. And, of course, Nikon neckstraps will not scratch the corners of your camera. All straps attach to all Nikon SLR cameras, except as noted.

Strap	Description	Nikon Product Number
AN-1	Leather with removeable rubber neck pad *	635 NCP
AN-4B	Woven nylon fabric with non-slip pad (black)	639 NCP
AN-4Y	Woven nylon fabric with non-slip pad (yellow with black)	638 NCP
AN-6W	Wide woven nylon fabric with non-slip pad (wine with yellow stripes and embroidered "Nikon")	4508 NCP
AN-6Y	Wide woven nylon fabric with non-slip pad (yellow with black stripes and embroidered "Nikon")	507 NCP
AH-4	SLR leather handgrip wraps around wrist for secure grip when using zoom and telephoto lenses	649 NAS
NS-1	Wide fabric neckstrap (grey)	673 NCP
NS-3	Soft neckstrap (blue)	$5203\mathrm{NCP}$
NS-4	Soft neckstrap (black)	5204 NCP
NS-5	Wide soft neckstrap (black)	5205 NCP

^{*} Not for N90s, N90, N70, N6006/6000, N50, N4004S or N4004.



Nikkor Lenses For Large Format Cameras





Minimum

Nikon Product

SW (SUPER WIDEANGLE 105°) SERIES

The SW-series lenses feature large covering power and a large image circle. Maximum apertures of f/4 and f.4.5 assure fast, pinpoint focusing and bright images, corner to corner. Covering power can be extended to 105°-106° by stopping the lens down. Nikkor SW lenses feature Nikon Integrated Coating and strict aberration control.



W (WIDEANGLE 70°) SERIES

Covering power of W Series Nikkors is an ample 70°-73° when stopped down. Six elements in four groups. Nikon Integrated Coating asssures high contrast and faithful color rendition. Recommended for landscapes, portraits, architecture and table top photography.



NIKKOR AM (APO MACRO) ED

Nikkor-AM (APO Macro) lenses are exclusively designed for macro photography. ED glass reduces chromatic aberration and symmetrical lens construction ensures that the lens is 100% free of distortion and chromatic aberration at 1:1.



T-SERIES (TELE CONSTRUCTION WITH ED GLASS 33°)

T-Series Nikkor lenses are telephoto-type lenses which do not require long-length camera bellows. ED glass has been incorporated to minimize image distortion and curvature. Combined with Integrated Coating the result is outstandingly sharp images, virtually free from flare and ghosts.



These lenses offer standard covering power and faithful reproduction of subtle variations in color and shading Chromatic abberration is virtually eliminated. Nikon Integrated Coating asssures high reso lution and contrast.

NIKKOR LARGE FORMAT LENSES

	Maximum	Minimi	Nikon Froduct
	Aperture Ratio	Aperture	Number
Nikkor SW 65mm f/4 with No. 0 Shutter	1:4	f/45	1341 NAS
Nikkor SW 75mm f/4.5 with No. 0 Shutter	1:4.5	f/45	1343 NAS
Nikkor SW 90mm f/4.5 with No. 0 Shutter	1:4.5	f/64	1345 NAS
Nikkor SW 90mm f/8 with No. 0 Shutter	1:8	f/64	1344 NAS
Nikkor SW 120mm f/8 with No. 0 Shutter	1:8	f/64	1346 NAS
Nikkor SW 150mm f/8 with No. 1 Shutter	1:8	f/64	1351 NAS
Nikkor W 105mm f/5.6 with No. 0 Shutter	1:5.6	f/45	1309 NAS
Nikkor W 135mm f/5.6 with No. 0 Shutter	1:5.6	f/64	1312 NAS
Nikkor W 150mm f/5.6 with No. 0 Shutter	1:5.6	f/64	1314 NAS
Nikkor W 180mm f/5.6 with No. 1 Shutter	1:5.6	f/64	1316 NAS
Nikkor W 210mm f/5.6 with No. 1 Shutter	1:5.6	f/64	1318 NAS
Nikkor W 240mm f/5.6 with No. 3 Shutter	1:5.6	f/64	1319 NAS
Nikkor W 300mm f/5.6 with No. 3 Shutter	1:5.6	f/64	1320 NAS
Nikkor W 360mm f/5.6 with No. 3 Shutter	1:6.5	f/64	1327 NAS
Nikkor AM 120mm f/5.6 with No. 0 Shutter	1:5.6	f/45	1325 NAS
Nikkor AM 210mm f/5.6 with No. 1 Shutter	1:5.6	f/64	1326 NAS
Nikkor M 200mm f/8 with No. 0 Shutter	1:8	f/64	1322 NAS
Nikkor M 300mm f/9 with No. 1 Shutter	1:9	f/128	1321 NAS
Nikkor M 450mm f/9 with No. 3 Shutter	1:9	f/128	1323 NAS
Nikkor ED 270mm f/6.3 with No. 1 Shutter	1:6.3	f/64	1352 NAS
Nikkor ED 360mm f/8 with No. 1 Shutter	1:8	f/64	1353 NAS
Nikkor ED 500mm f/11 with No. 1 Shutter	1:11	f/64	1354 NAS
Nikkor ED 600mm f/9 with No. 3 Shutter	1:9	f/64	1355 NAS
Nikkor ED 720mm f/16 with No. 1 Shutter	1:16	f/64	1357 NAS
Nikkor ED 800mm f/12 with No. 3 Shutter	1:12	f/64	1356 NAS
Nikkor ED 1200mm f/18 with No. 3 Shutter	1:18	f/64	1364 NAS

Maximum

Rear Lens Unit 360mm ED Nikkor-T	1358 NAS	Slip-on Lens Cap (repl)	1337 NAS 31.5mm
Rear Lens Unit 500mm ED Nikkor-T	1359 NAS	Slip-on Lens Cap (repl)	1330 NAS 42mm
Rear Lens Unit 600mm ED Nikkor-T	1360 NAS	Slip-on Lens Cap (rep)	1331 NAS 54mm
Rear Lens Unit 720mm ED Nikkor-T	1362 NAS	Slip-on Lens Cap (rep)	1332 NAS 60mm
Rear Lens Unit 800mm ED Nikkor-T	1361 NAS	Slip-on Lens Cap (repl)	1333 NAS 70mm
Rear Lens Unit 1200mm ED Nikkor-T	1363 NAS	Slip-on Lens Cap (repl)	1334 NCP 80mm
Screw-on Cap f/Rear Lens Unit (rep)	1338 NAS 36mm	Slip-on Lens Cap (repl)	1335 NAS 85mm
Screw-on Cap f/Rear Lens Unit (rep)	1339 NAS 58mm	Slip-on Lens Cap (rep)	1336 NAS 100mm

Note: The rear lens component is interchangeable between the ED 360 mm f/8, ED 500 mm f/11 and ED 720mm f/16, and between the ED 600mm f/9, ED 800mm f/12 and ED 1200mm f/18.

EL-Nikkor Enlarging Lenses

LET US MAKE THINGS CRYSTAL CLEAR

Capturing your image on film is only part of the challenge. If your darkroom equipment doesn't perform, your efforts could be wasted. Only EL-Nikkor Enlarging Lenses offer Nikon's unmatched optical technology. Constructed of our own optical glass, EL-Nikkor lenses are corrected for chromatic aberration beyond the visible spectrum into near ultraviolet wavelengths — wavelengths to which photographic papers are particularly sensitive. Through the use of special optical glass and matching optical coatings, EL-Nikkor lenses are designed for ultraviolet transmission in the 350 to 450 range. This means EL-Nikkor enlarging lenses can be used for color separation in addition to all other enlarging applications. EL-Nikkor lenses are also front-threaded to accept screw-in accessories, and can be used for exceptional small-object photography when mounted on a bellows.



			Usable			Nikon
	Minimum	Standard	Magnification	Covering	Format	Product
	f/stop	Magnification	Range	Power	Size	Number
EL-Nikkor 40mm f/4	f/22	10x	5x-30x	52°	24x36mm	209 NCP
EL-Nikkor 50mm f/2.8	f/16	8x	2x-20x	41°	24x36mm	210 NCP
EL-Nikkor 63mm f/2.8	f/16	8x	2x-20x	43°	32x45mm	211 NCP
EL-Nikkor 75mm f/4	f/22	5x	2x-10x	48°	60x60mm	224 NCP
EL-Nikkor 80mm f/5.6	f/32	5x	2x-15x	53°	60x70mm	212 NCP
EL-Nikkor 105mm f/5.6	f/32	5x	2x-10x	51°	60x90mm	213 NCP
EL-Nikkor 135mm f/5.6	f/45	5x	2x-10x	53°	90x120mm	251 NAS
EL-Nikkor 150mm f/5.6	f/45	4x	2x-8x	51°	100x130mm	252 NAS
EL-Nikkor 180mm f/5.6	f/45	4x	2x-8x	54°	130x180mm	253 NAS
EL-Nikkor 210mm f/5.6	f/45	4x	2x-8x	54°	130x210mm	254 NAS
EL-Nikkor 240mm f/5.6	f/45	4x	1x-8x	57°	180x240mm	255 NAS
EL-Nikkor 300mm f/5.6	f/45	2x	1x-8x	57°	270x330mm	256 NAS
EL-Nikkor 360mm f/5.6	f/45	2x	1x-4x	50°	300x400mm	95104 NAS



ACCESSORIES FO	ORFL	-NIKKOR	ENI ARGING	LENSES

	Number
34.5mm Snap-on Lens Cap f/EL-Nikkor (repl)	574 NCP
40.5mm Snap-on Lens Cap f/EL-Nikkor	577 NCP
43mm Snap-on Lens Cap f/EL-Nikkor (repl)	576 NCP
Plastic Case f/50mm EL-Nikkor (repl)	461 NCP
Lens Mounting Adapter f/50mm EL-Nikkor	2655 NCP
Reverse Mounting Ring f/50,63mm N EL-Nikkor	2641 NCP
Reverse Mounting Ring f/50, 75, 80mm EL-Nikkor	2640 NCP
Extension Mounting Tube f/EL-Nikkor (15mm)	2642 NCP
Reverse Mounting Ring f/135, 150mm EL-Nikkor	2654 NAS
39mm Lens Mounting Flange	96925 NCP

Nikon Product

NIKKOK

35mm Compact Cameras

GET IN TOUCH

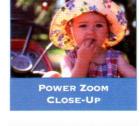
WITH THE BEST

The greatest pictures in the world are taken with Nikon cameras, but that doesn't mean you have to be a professional photographer to get great results. Our "Touch Series" of compact 35mm cameras is designed for

more pictures. You'll remember more.

exceptional ease-of-use. You'll take

And perfectly.





WIDE-VIEW

NICE-TOUCH ZOOM

A NIKON FOR EVERYONE

Capture precious memories in pictures that will do any photo album proud. The Nice-Touch Zoom offers Nikon quality in a 35mm – 60mm zoom camera for everyone. Take a variety of sharplooking pictures without ever having to make adjustments. Zoom in. Zoom out. Power Zoom operation is ready when you are. Built-in flash fires automatically when it's dark. Great outdoor

shots, beautiful indoor shots or closeups... all at the push of a button. Just load

the film and start shooting! Supplied with case and nylon wrist strap. The only thing about the Nice-Touch Zoom that's not out of this world is the price!

Nikon Product Number: 1835 NCP



LITE-TOUCH ZOOM 70

WORLD'S SMALLEST AUTOFOCUS CAMERA*

The fully automatic Nikon Lite-Touch Zoom 70 is the world's smallest and lightest 35mm AF zoom compact camera. But don't be fooled by its stylish design, the Lite-Touch Zoom 70 has Nikon quality throughout and remarkable features to enhance your picture-taking.

Zoom from 35mm for wide-view photos full of







fires automat-

brilliant night scenes, and the Red-Eye Reduction lamp will help make for really beautiful eyes. Slow Sync Flash gives the background a more natural look. Focus Lock allows you to recompose your pictures. Infinity Focus makes sure that every part of your picture is in the sharpest focus possible. Realimage zoom viewfinder helps you compose your shots. Autofocus and Nikon

optics assures razor-sharp pictures. Plus you can make yourself a part of the picture with the built-in selftimer. The Lite-Touch Zoom 70 even has a built-in UV filter to protect the lens while you're taking pictures. But best of all, the pocket-sized Lite-Touch Zoom 70 is more than competitively priced!

Nikon Lite-Touch Zoom 70 Product Number: 1838 NCP

*as of January 1995





LITE-TOUCH ZOOM 105 (& LITE-TOUCH ZOOM 105 QUARTZ DATE)

CAPTURE THE MEMORIES



ANYTIME FLASH

To fill your family album with clear and sharp pictures, choose the super-light Nikon Lite-Touch Zoom 105. Take terrific 35mm pictures—or panorama pictures with Quartz Date model—at the touch of a button. Its 38-105mm lens is perfect for general-purpose shooting. Get everyone in the picture with the wide-view lens, then zoom in for a portrait. You'll get tack-sharp pictures—even in the dark! That's because the Lite-Touch Zoom 105 also features an advanced autofocus system, and a built-in autofocus flash with Red-Eye Reduction. Choose from Auto Flash to brighten

indoor scenes, Anytime Flash to remove shadows from outdoor portraits and close-ups, Slow Sync Flash to give the background a more natural look, and Flash Cancel for dramatic night shots. Plus you can make yourself a part of the picture with the built-in self-timer. The Lite-Touch Zoom 105 Quartz Date model allows you to imprint both regular and panorama prints with the date or time. All at a price that will fit your budget.

Nikon Lite-Touch Zoom 105 Product Number: 1842 NCP

Nikon Lite-Touch Zoom 105 Quartz Date

Product Number: 1843 NCP



ONE-TOUCH ZOOM (& ONE-TOUCH ZOOM QUARTZ DATE)

SUPERIOR PHOTOGRAPHY MADE SIMPLE





This affordable fully automatic compact 35mm camera offers great picture-taking features—including a 38-70mm Power Zoom lens! With the One-Touch Zoom's Power Zoom, you can easily get close-up shots and make great portraits. Shoot great wideangle shots and don't miss anybody. The One-Touch Zoom also

features autofocus-simply point and

shoot for sharp, clear pictures. There's nothing to set, and auto-exposure helps your pic-

tures come out just right, every time. Built-in flash fires automatically when it's dark. Select from Anytime Flash for bright, colorful pictures, Cancel Flash for natural lighting, or Automatic Zoom Flash for extra sharp pictures indoors. Includes Red-Eye Reduction, auto film handling, self-timer, and an easy-to-view zoom viewfinder. Just about all you have to do is take the picture! The One-Touch Zoom Quartz Date model allows you to imprint pictures with the date or time.

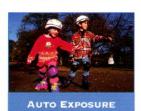
Nikon One-Touch Zoom Product Number: 1852 NCP

Nikon One-Touch Zoom Quartz Date Product Number: 1853 NCP





RED-EYE REDUCTION



NICE-TOUCH 3

GREAT PICTURES AT THE TOUCH OF A BUTTON

Focus free, for easy point-and-shoot 35mm photography. Automatic flash and automatic exposure help you take great pictures—with just the right lighting—indoors or out. A built-in flash fires automatically when it's dark for brilliant night scenes. Red-Eye Reduction also helps make your flash pic-

tures of people look stunning. This lightweight, practical camera even allows you to take pictures as close as 4.3 feet. The Nice-Touch 3 also features a 31mm wideangle lens. So easy to use, you'll marvel at the great pictures and wonder how it could all be so affordable!

Nikon Product Number: 1864 NCP



ZOOM-TOUCH 105 VR QD





The Zoom Touch 105 VR QD features Nikon's Vibration Reduction technology. Here's

how VR works: when the shutter button is depressed halfway, two sensors detect the amount of camera movement. If movement is signifi-

cant during the exposure, VR technology subdues its effect. Now get sharper pictures in dim light or in hand-held telephoto situations. 38-105mm Power Zoom lens, built-in flash, panorama format option and other features make this Nikon Touch camera a great choice. You'll get sharper pictures in more situations than ever before.

Nikon Product Number: 1834 NCP



LITE-TOUCH ZOOM (& LITE-TOUCH ZOOM QUARTZ DATE)



The Lite-Touch Zoom has Nikon quality throughout. Zoom from 35mm to 70mm for everything from wide-view to telephoto shots. Get as close as 2 feet with any zoom set-



ting. Built-in flash fires automatically when its dark, and Red-Eye Reduction helps make your flash pictures look even better. Autofocus, Focus Lock and Infinity Focus add even more versatility. For all the great Lite-Touch Zoom features,

plus data imprint and panoramic capability, choose the Lite-Touch Zoom Quartz Date with Panorama.

Nikon Lite-Touch Zoom Product Number: 1832 NCP Nikon Lite-Touch Zoom Quartz Date with Panorama

Product Number: 1833 NCP

ZOOM-TOUCH 470 (& ZOOM-TOUCH 470 QUARTZ DATE)



A 35-70mm Power Zoom lens makes this stylish, lightweight, compact camera perfect for vacations. Power Zoom in to 70mm telephoto to capture



portrait pictures, or stop the lens anywhere between 35mm and 70mm. Everything is automatic, so you can focus on having fun. Optional adapter lets you capture panoramic scenes. Memorable moments are made even easier to remember when the date or time is imprinted on every picture. If this feature appeals to you, so will the Zoom-Touch 470 Quartz Date model.

Nikon Zoom-Touch 470 Product Number: 1830 NCP Nikon Zoom-Touch 470 Quartz Date

Product Number: 1831 NCP

LITE-TOUCH QUARTZ DATE)



One of the smallest and lightest 35mm cameras in the world! The Lite-Touch allows you to take terrific regular-sized 35mm pictures – or panorama pictures – at the touch of a button. Its 28mm f/3.5 lens is perfect for general-purpose shooting, and its advanced autofocus system features 100 steps plus infinity. The Lite-Touch also features a built-in automatic flash with Red-Eye Reduction, and a two-shot self-timer. The Lite-Touch Quartz Date model allows you to imprint both regular and panoramic prints with date or time. Dimensions: 4.3 in. wide, 2.4 in. high, 1.3 in. thin.

Nikon Lite-Touch

Product Number: 1815 NCP Nikon Lite-Touch Quartz Date **Product Number: 1816 NCP**

ONE-TOUCH 300



This compact 35mm camera offers great picture-taking features — including autofocus! You simply point and shoot for sharp, clear pictures. There's nothing to set and auto-exposure helps your pictures come out just right, every time. Use Anytime Auto-Flash for bright, colorful pictures, or Cancel Flash for natural lighting. Make macro close-up shots from as

close as 1.5 feet. Includes Red-Eye Reduction, auto film handling and self-timer. **Nikon Product Number: 1851 NCP**

FUN-TOUCH 3



Choose the Nikon Fun-Touch 3 for great pictures at the push of a button! Its fully automatic operation includes built-in, automatic flash with Red-Eye Reduction and auto film

handling. Case and strap included. Compact. Lightweight.

Nikon Product Number: 1863 NCP

NIKON SCHOOL PHOTO TIP:

When shooting a scenic, variations of attractive light are important. The best illumination comes from early-morning and late-afternoon light, when the sun is at an angle of less than 45 degrees.

TOUCH CAMER	RAS	a as	go	1,000	NTO.		100	in 199m	1,000	196	ga 3	
	Filt. Total	n. One Touch.	Lite:Toneth	Life-Touch Loom	Loon Toren 470	Loon Touch QD	Sire Touch Too	One: Touch L	Life Touch Joon	Life Touch Loc	Nice Touch?	
Lens Focal length f/stop Panorama	32mm 4.5 —	31mm 4 —	28mm 3.5 yes	35-70mm Zoom 6.5-4 yes ^{30 00 c}	35-70mm Zoom 4-7.6 yes w/ adapter	38-105mm Zoom 4-7.8 yes	35-60mm Zoom 5.7-9.3 —	38-70mm Zoom 4.7-8.0	35-70mm Zoom 3.5-6.5 —	38-105mm Zoom 3.5-9.2 yes***	31mm 5.6 —	
Autofocus Autofocus system Close focus Infinity focus	infrared 4 ft	infrared 1.5 ft	infrared 1.1 ft yes	infrared 2.1 ft. yes	infrared 2.1 ft. yes	infrared 2.4 ft. yes	focus free 3.1 ft.	infrared 2.6 ft. yes	infrared 2.1 ft. yes	infrared 2.8 ft. yes	focus free 4.3 ft.	
Exposure Shutter DX range Non-DX Automatic rewind	130 100, 400 100 yes	1/8-320 100, 200, 400 100 yes	1/4-1/250 100-1000 100 yes	1/4-1/250 100-1000 100 yes	1-420 100-1000 100 yes	1/2-350 50-3200 100 yes	1/90 100/400 100	1/4-1/125 100-1000 100 yes	1/2-1/400 100-1000 100 yes	1/10-1/400 50-1600 100 yes	1/125 100/400 100	
Flash Wide-angle Guide #* Telephoto Guide #* Recycle time	36 5 sec.	33 5 sec.	23 4 sec.	30 6 sec.	39 53 5 sec.	36 46 3.5 sec.	33 — 5 sec.	39 49 5 sec.	30 	46 	33 — 5 sec.	
Flash cancel Slow sync speed Red eye reduction Anytime flash	yes	yes — yes ves	yes yes yes yes	yes yes yes yes	yes yes yes yes	yes yes yes yes		yes yes yes	yes yes yes yes	yes yes yes yes	yes	
Miscellaneous Self timer Battery Battery life 24 exp./50% flash	2 AA 30 rolls	1 2 AA 30 rolls	1, 2 3 V-Lithium 23 rolls	1 3 V-Lithium 2.0	1, 2 3 V-Lithium 25 rolls	1 2-3 V-Lithium 27 rolls	2AA 13 rolls 36 exp.	yes 3 Volt Lithium 18 rolls	yes 3 Volt Lithium 20 rolls	yes 3 Volt Lithium 13 rolls	2AA Alkaline 20 rolls . 36 exp.	
Weight without batteries	6.3 oz.	6.9 oz.	5.5 oz.	7.1	9 oz.	14.8 oz.	8.8 oz.	8.5 oz.	7.1 oz.	9.0 oz	6.5 oz.	
Size in inches Width Height Depth	4.9 2.8 1.8	5.0 2.9 1.8	4.3 2.4 1.3	4.6 2.5 1.4	5.2 2.8 2	5.5 3.0 2.8	5.0 2.8 2.1	4.9 2.9 1.8	4.6 2.5 1.4	5.0 2.6 1.9	4.7 2.7 1.8	
*ISO 100, feet							*** QD version o	nly				

Specifications subject to change without notice.

Nikonos Underwater

Photography Systems

PLUNGE INTO A NEW WORLD OF PHOTOGRAPHIC

OPPORTUNITIES

pressure and

underwater light.

A remarkable world awaits you. Exotic fish with blazing colors. Brilliant underwater seascapes. Fields of waving soft coral. Capture it all with Nikonos underwater photography systems, a complete line of gear designed specifically to meet the unusual demands of water,





Now there's an underwater camera that lets you forget the rigors of underwater photography. The Nikonos RS is the world's first underwater SLR (single-lens reflex) camera with Nikonos lenses designed specifically to take advantage of reflex capability. Lightweight, responsive, and packed with

high-tech features, the Nikonos RS works and feels like a part of you --- even down to 328 feet below the surface.



With the Nikonos RS, single-lens reflex viewing means achieving critical focusing and precise composition. And in murky conditions, or any other conditions for that matter, you'll appreciate the way the oversized action finder and Briteview finder screen give





you a clearer image. Viewing is made comfortable through the Nikonos RS's high-eyepoint action finder with 60mm eye relief and nine-degree offset angle. Hold the camera away from your mask and still obtain a bright, full image.

COMPREHENSIVE VIEWFINDER INFORMATION

Every bit of information you need to make stunning Nikon photographs appears on the RS's viewfinder LCD screen. You'll never miss an opportunity, because you'll never have to take your eye away from the viewfinder again. Complete focus, exposure mode, shutter speed and other critical information is clearly displayed.

ADVANCED

AUTOFOCUS SYSTEM

The Nikonos RS features four focusing options. All designed to let you concentrate on the action, while Nikonos does the work. Use Single-Servo Autofocus for most underwater situations. Focus Lock lets you recompose as you like, while keeping the subject in sharp focus. Continuous-Servo Autofocus means the focus adjusts as your subject changes position. Focus Tracking automatically follows a moving subject, anticipating its precise location at the instant the aperture opens. Freeze Focus lets you set a pre-established focusing zone. When your subject enters the zone, the shutter is released. Power manual focus lets vou handle special situations with fingertip ease.

APERTURE-PRIORITY AUTO AND MANUAL EXPOSURE MODES

The Nikonos RS features Aperture-Priority Auto Exposure control. You set the aperture from f/2.8 to f/22, and the RS automatically sets the shutter speed. Or choose manual exposure control where you set the aperture and the shutter speed — from 1 full second to 1/2000 of a second. Or, use bulb for long time exposures. Exposure compensation helps you obtain exposures that meet your specific demands.

MATRIX OR CENTER-WEIGHTED METERING

The Nikonos RS also features 5-segment Matrix Metering and matrix balanced fill-flash. The camera automatically determines just the right exposure,

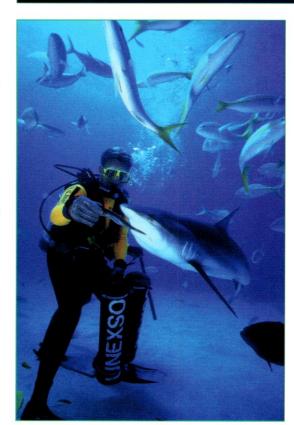
> even in difficult or rapidly changing light situations. Or switch to 75/25 Center-Weighted metering to emphasize a more specific area of the picture or Center-Weighted TTL auto flash.



DESIGNED FOR UNDERWATER

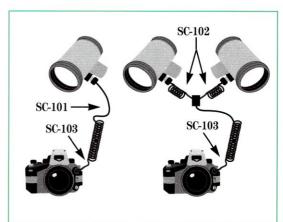
From its ergonomic design to its durable construction and superb features, the Nikonos RS brings true SLR convenience to underwater photography.

Nikon Product Number: 11000 NCP



UNDERWATER TTL SYNC CORDS SC-101, SC-102 AND SC-103

Now, switching or sharing Nikonos Underwater Speedlights between cameras is easy — without surfacing. Attach the SC-103 end to each Nikonos RS or Nikonos V being used. The SC-101 is attached to any Nikonos Speedlight. Now connect or disconnect the SC-101 to the SC-103 underwater, and use one Speedlight with multiple cameras. For double Speedlight set-up, use the SC-102 in place of the SC-101.



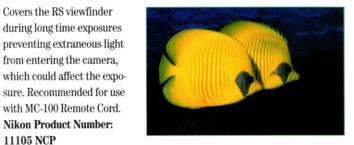


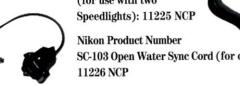
Nikon Product Number SC-101 Open Water Sync Cord (For use with one Speedlight): 11224 NCP

Nikon Product Number SC-102 **Open Water Sync Cord** (for use with two



SC-103 Open Water Sync Cord (for cameras):





MC-100 REMOTE CORD

Enables remote firing of Nikonos RS. Also includes variable timer. Length 10'.

Nikon Product Number MC-100 Remote Cord: 11100 NCP



NIKONOS RS LENSES



13MM F/2.8 R-UW AF FISHEYE NIKKOR

A true full-frame underwater fisheye lens capable of rendering dramatic underwater panoramic images. Picture angle 170°. Underwater only. Close focusing to 6". Compatible with Nikonos RS.

Nikon Product Number: 11013 NCP



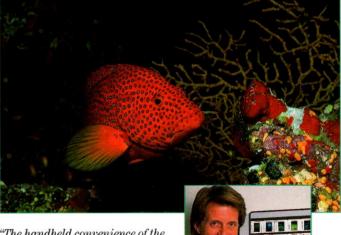
50MM F/2.8 R-UW AF MICRO-NIKKOR

macro range up to 1:1.

Nikon Product Number: 11011 NCP



DK-100 EYEPIECE



"The handheld convenience of the Nikonos RS makes underwater photography much, much easier.

The combination of autofocus, high-eyepoint viewfinder and Briteview focusing screen are absolutely unbeatable."



The perfect amphibious lens for classic close-up fish portraits, macro photography and general photography. Automatic focusing continuously through the entire

28MM F/2.8 R-UW AF NIKKOR



A great companion for any dive. Allows you to take moderately wide shots, dramatic close-ups, or anything in-between. Underwater only. Focus as close as 10" for a reproduction ratio of 1:6.

Nikon Product Number: 11010 NCP



The world's first underwater zoom. You can't change lenses underwater, but with this popular lens you can zoom from 20mm to 35mm at the touch

> of a button. Crop in-camera, and capture shy subjects easily.

Nikon Product Number: 11012 NCP



Stephen Frink Sephen Jail

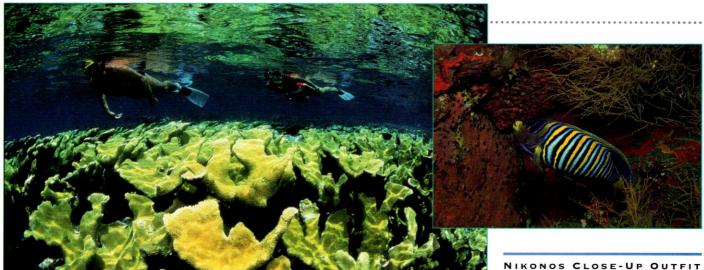
GET STARTED WITH THE NIKONOS-V

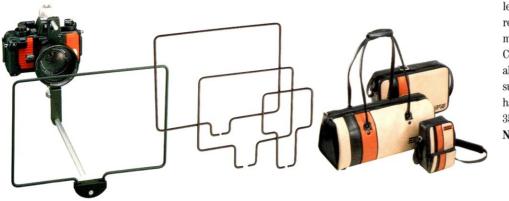


NIKONOS-V CAMERA

It's easy to take great pictures with this fun underwater camera. Just select your film speed, then pick a lens aperture that will provide you with the most desirable depth-of-field. With Aperture-Priority automatic exposure operation, the Nikonos-V sets the right shutter speed for you — from 1/1000 of a second to 1/30 of a second for ambient light exposures. Also available is TTL auto-flash exposure control. Or, for greater creative control, you can opt for manual exposure. In either case, the

Nikonos-V shows you bright LED shutter speed and exposure information right inside the viewfinder. Ergonomically designed for easy operation with diving gloves or bare hands. O-rings allow for water-tight picturetaking down to 165 feet. Available in orange or green. Supplied with rubber neck strap, spare O-ring set, and 3V lithium battery. Nikon Product Number for Orange Nikonos-V: 10070 NCP Nikon Product Number for Moss Green Nikonos-V:





NIKONOS CLOSE-UP OUTFIT

10071 NCP

Take beautiful close-ups of marine life with this comprehensive outfit. Includes a close-up attachment lens which can be mounted in front of a 28mm, 35mm, or 80mm lens (for reproduction ratios of 1:6, 1:4.5, 1:2 respectively), plus three field frames to match the area covered by these lenses. Camera-mounted frame support bracket allows you to determine precise camera-tosubject distance. Outfit comes with a handsome compartment case. (28mm, 35mm, and 80mm lenses not included.)

Nikon Product Number: 10705 NCP



1 15MM F/2.8 UW-NIKKOR IC

This underwater only, ultra-wideangle lens is ideal for capturing large scenes. Picture angle of view 94°. Close focusing to 1'. Optical underwater viewfinder DF-11. Enables automatic exposure measurement with the Nikonos-V.

Nikon Product Number: 10315 NCP

20MM F/2.8 UW-NIKKOR IC

Great for up-close shooting (to 1.3') with the Nikonos-V. Underwater corrected for optimum sharpness. Underwater only. Picture angle 78°. DF-12 viewfinder available for compensating parallax.

Nikon Product Number: 10314 NCP

28MM F/3.5UW-NIKKOR IC

Wideangle lens for catching a whole school of fish in one shot with the Nikonos-V. Closest focusing distance of 2'. Underwater only. Picture angle of 59°. Repro-ratio 1:6 with close-up outfit. DF-12 viewfinder can be used with mounting mask.

Nikon Product Number: 10310 NCP

4 35MM F/2.5 W-NIKKOR IC

35mm f/2.5 W-Nikkor IC. A useful general purpose amphibious lens for the Nikonos-V. Picture angle 43° 30' underwater (62° on land). Repro-ratio 1:4.5 with close-up outfit. This is the recommended lens for use with extension tubes for underwater macro photography.

Nikon Product Number: 10311 NCP

5 80MM F/4 NIKKOR IC

An amphibious lens perfect for close-ups with the Nikonos Close-Up Outfit. Picture angle 22° 45' underwater (30° 20' land). Repro-ratio 1:2 with Close-up Outfit.

Nikon Product Number: 10312 NCP

NIKON CARRIES EVEN MORE UNDERWATER PRODUCTS AND ACCESSORIES. ASK YOUR DEALER FOR COMPLETE INFORMATION OR CALL 1-800-NIKON-US.

NIKON UNDERWATER SPEEDLIGHTS

SB-104 SPEEDLIGHT SET

A high-performance flash unit designed to complement the advanced features of the Nikonos RS and Nikonos V. Underwater guide number 53 at ISO 100 with 100° flash coverage. Fast recycling time of only 3 seconds. Versatile flash controls: Choose TTL Auto or Manual flash output control (full, 1/4 or 1/16 power). Flash slave capability. 328 ft. capability. Supplied w/SK 104 Mounting Bracket Set, UW Sync. Cord, Spare O-ring Set. Powered by rechargeable, removable battery pack.

Nikon Product Number: 11200 NCP

SN-104 NiCad Battery Pack for SB-104

Up to 120 full power flashes. Quick recycle time of 3 seconds at full power.

Nikon Product Number: 11211 NCP

SH-104 NiCad Charger

Charges two SN-104 Battery Packs at one time. Quick charges each battery in two hours. Uses $110\mathrm{V}$ or $220\mathrm{V}$ $50\mathrm{Hz}$ or 60Hz A.C.

Nikon Product Number: 11212 NCP

SB-105 UW TTL SPEEDLIGHT SET

A very affordable underwater flash unit designed for use with the Nikonos-V or Nikonos RS. Automatic through-the-lens (TTL) flash control for perfect exposures, including matrix-balanced fillflash with Nikonos RS. 328 ft. capability. Built-in flash slave. Supplied w/MS-5 Battery Holder, SS-101, SW-103, O-ring Set, UW Sync Cord, Mounting Bracket Set; requires four 1.5V AA batteries (not included). **Nikon Product Number:** 10202 NCP

BATTERY SELECTOR CHART

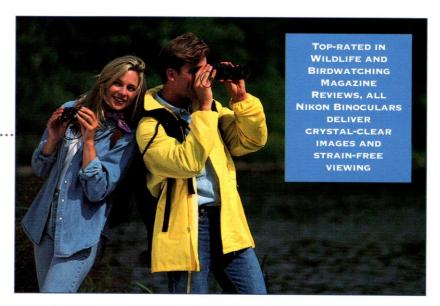
Item	Quantity	Туре	Item Qu	antity	Туре	Item Qu	antity	Туре
SLR Cameras			Motor Drives			Flash Units		
F4s	6	AA Alkaline	F36 Motor (Cordless)	8	AA Alkaline	120 Medical Nikkor Battery Pa	ek	
F3HP, F3, F2, F2S, F2SB, F2			F250, F36 Motors with			(LD-2), SB-21 Macro Speedli		
F2AS Photomics, FM2, FE			Standard Pack	8	C Alkaline	External Power Pack	8	AA Alkaline
FE, FG, FG-20, EM, Nikon	ios-V 2	SR44	F3 MD-4	8	AA Alkaline	200mm Medical Nikkor I	7720	
N90s, N90, N5005	4	AA Alkaline			or MN-2 NiCad	Battery Pack	4	D Alkaline
N90s	4	AA Lithium			(#125)	000 M- #1 NUL II	or 1	240V Battery
N8008s	4	AA Alkaline	F2MB-1 Battery Pack	10	AA Alkaline or	200mm Medical Nikkor II Battery Pack	8	D Alkaline
N70	2	CR123A			MN-1 NiCad Battery Pair (#38)	Battery Pack f/SB-1	6	D Alkaline
N6006, N6000	1	DL-223A	F2MB-2 Battery Pack	8	AA Alkaline	High Voltage Pack f/SB-1	1	510V Battery
N50	1	DL-245	MD-11 & MD-12 Motor	8	AA Alkaline		1	510v battery
N4004s, N4004	4	AA Alkaline		6		Repeating Flash Battery Pack (f/SB-6)	8	NiCad Battery
N2000, N2020	4	AA Alkaline	MD-E		AAA Alkaline	(100-0)	0	SN-3 (#294)
Nikonos RS	1	DL-223A	MD-14 & MD-15 Motor	8	AA Alkaline	BC-7 Flash	1	15V Battery
Nikkormat FT2, FT3	2	SR44	MB-10	4	AA Alkaline	SB-2 Speedlight	4	AA Alkaline
Nikkormat FT, FTN	1	1.3V Mercury				SB-3 Speedlight	4	AA Alkaline
EL, ELW, EL2	1	6V Silver Oxide	Auto Winder			SB-4 Speedlight	2	AA Alkaline
Nikonos IV-A	2	SR44	Auto-Winder AW-1	6	AA Alkaline	SB-5 Speedlight	1	NiCad SN-2
						5D-0 Specungiti	1	(#309)
Autofocus Compact Camer	as		Remote Controls			SB-5 Battery Pack, SD4	1	480V Battery
B5Ti	1	DL-123A	Modulite Transmitter	1	9V Standard	DD 5 David T doing 5D 1	or 2	40V Batteries
8Ti	1	DL-123A			Battery	SB-7E Speedlight	4	AA Alkaline
Zoom-Touch 400, Zoom-Touc		DL 125/1	Modulite Receiver	4	AA Alkaline	SB-8E Speedlight	4	AA Alkaline
Zoom-Touch 600, Zoom-Touch			Wireless Remote	0	A A A II II	SB-9 Speedlight	2	AA Alkaline
Tele-Touch 300	1	DL-223A	Control Transmitter	8	AA Alkaline	SB-10 Speedlight	4	AA Alkaline
Zoom-Touch 470	1	DL-123A	Wireless Remote Control Receive		AA Alkaline	SB-11 Speedlight	8	AA Alkaline
Zoom-Touch 105 VR QD	2	DL-123A	Intervalometer MT-1	4	AA Alkaline	SB-12 Speedlight	4	AA Alkaline
ele-Touch Deluxe	1	DL-223A	Intervalometer MT-2	4	AA Alkaline	SB-14, 140 Battery Pack, SD-7	6	C Cell
Vice-Touch 2	2	AA Alkaline	Modulite Remote Control Set M		A A Alles line	SB-15, 17	4	AA Alkaline
One-Touch 100	1	DL-123A	Transmitter	4	AA Alkaline	SB-16A, 16B	4	AA Alkaline
action-Touch, L35AF & LI35	5AF.		Receiver	4	AA Alkaline	SB-19	4	AA Alkaline
Tele-Touch	2	AA Alkaline	Modulite Remote Control Set M Transmitter	և-մ 2	AAA Alkaline	SB-20, 22 Speedlight	4	AA Alkaline
Fun-Touch, Fun-Touch 2,			Transmitter	4	AAA Alkaliile	SB-23 Speedlight		AA Alkaline/Lithiu
Fun-Touch 3	2	AA Alkaline	Data Backs				4	
One-Touch, One-Touch 200,			MF-26	9	9V CD 9095	SB-E Speedlight	4	AAA Alkaline
One-Touch 300	2	AA Alkaline	5350 3350	2	3V CR-2025	SB-21A, SB-21B Macro Speedlig		AA Alkaline
ite-Touch, Lite-Touch Zoon	n 1	DL-123A	MF-25	2	3V CR-2025	SB-24 AF TTL Speedlight	4	AA Alkaline/Lithiu
Sport-Touch	2	AA Alkaline	MF-23	2	CR2050	SB-25 Speedlight	4	AA Alkaline/Lithiu
Smiletaker	2	AA Alkaline	MF-22	1	CR2050	SB-26 Speedlight	4	AA Alkaline/ Lithium
TR 105 QD	2	DL-123A	MF-21	2	CR2050	High Performance AA Battery		Littiuiti
			MF-20	1	CR2050	Pack SD-8	6	AA Alkaline/Lithiu
Miscellaneous products			MF-19	2	SR44	Power Bracket SK-6	4	AA Alkaline/Lithiu
Super 5X, 8X			MF-18	2	SR44	DC Power Supply for Ring	4	AA Alkaline/Littii
(Motor)	4	AA Alkaline	MF-17	4	AA Alkaline	Lights SR-2, SM-2	8	D Alkaline
(Meter)	2	1.3V Mercury	MF-16	2	SR44	ingitto oiv a, oiri a		Dimente
2-8 Super Zoom			MF-14	2	SR44	Note: AA Zinc Carbon Batteries	(15V)	each) may be used
(Motor)	6	AA Alkaline				instead of AA Alkaline in the ab		
(Meter)	2	1.3V Mercury	EE Control			applications NiCad rechargers		. , .
R-10 Super Zoom			EE Aperture Control	1	NiCad Battery	While both Silver Oxide and Lit	hium ce	ells will operate son
(Motor)	6	AA Alkaline			DN-1 (#48)	camera models, there is some d	ifferenc	e in the
DL-1 Photomic Illuminator	1	1.3V Mercury	DB-1 Battery Pack f/EE	4	C Cell	performance characteristics of		
DB-2 Anti-Cold Battery Pack	2	AA Alkaline				suggest that you check with you		
OB-3 External Battery						specific information about the l		
Pack f/MF-12	2	AAA Alkaline				Specifications subject to change	e withou	it notice.

Precautions: Use of ML-3 is not recommended with AA Lithiums as a power supply in the N90s and may damage the unit. The ML-3 takes power from the N90s and cannot accept the transient voltage of AA Lithiums. Precautions for all speedlight products listed: When shooting at fast framing rates, AA Lithiums may get hot and shut off. Wait until they are cool and proceed with taking flash pictures. (This will not cause damage to the Speedlight).

Binoculars

IT'S A BEAUTIFUL WORLD; SEE IT BETTER WITH NIKON

Nikon binoculars are made with precision aligned, fully-coated Nikon optics incorporating BaK 4 highindex prisms. State-of-the-art optical technology, combined with quality Nikon construction and materials, provide you with unsurpassed clarity, brightness and strain-free viewing pleasure. Unbeatable optical performance and value is why we can say "Nikon Sport Optics...Leadership you can see."



SKY & EARTH SERIES

7 x 35, 7 x 50, 8 x 40, 10 x 50 Designed for serious birdwatchers and eyeglass-wearers. The Sky & Earth Series wildlife observers who demand quality and also features close focusing distance value. These full-size capability (ideal for birders), a click stop binoculars allow diopter control to maintain personal comfortable vision correction and large objective viewing for lenses for ultimate light gathering. Nikon Product Numbers: 7 x 35 7305 NCP: 7 x 50 7306 NCP; 8 x 40 7307 NCP; 10 x 50 7308 NCP

7-15 x 35 SCOUTMASTER ZOOM II

An ideal binocular for when you're way back in the stands, or up in the balcony. Offers a full view of the field or stage plus the ability to zoom right in for an up-close intimate view of the players.

Nikon Product Number: 7864 NCP





SPORTSTAR COMPANION SERIES

8 x 20 DCF, 10 x 25 DCF

High power in a sleek pocket-size design makes this series popular with hikers and theater-goers alike. Quality roof prism design offers incredibly clear viewing.



7 x 50 IF SPORTS & MARINE

The ultimate waterproof, shock-resistant binocular to navigate the seas and trails. Excellent power-to-objective ratio offers the steadiest and brightest image possible. Multilayered, anti-reflection lens coatings ensure the maximum amount of ambient light is gathered and then enhanced for crisp, clear viewing—even on low-light, overcast days. Nautical navigation is a snap with our built-in compass and distance scale. These binoculars are also fully waterproof, fogproof, rubber-armored and shock-resistant to combat the uncertainties of rough seas and outdoor trekking.

(Non-compass model not pictured.) Nikon Product **Numbers:** 7869 NCP: Non-Compass Model 7996 NCP



THE CRITERION SERIES OF HIGH PERFORMANCE BINOCULARS

7 x 50 IF SP PROSTAR, 10 x 70 IF SP ASTROLUXE

"The connoisseur's binocular" as stated in Astronomy Magazine. Pinpoint resolution, free from coma and virtually all spherical and chromatic aberrations; multicoated optics provide unbelievable brightness and contrast; able to clearly identify stars half to a full magnitude fainter than those visible with ordinary binoculars. Waterproof and fogproof.

Nikon Product Numbers: 7 x 50 IF SP 7789 NCP; 10 x 70 IF SP 7893 NCP



10 x 40 DCF EXECULITE II, 8 x 32 DCF EXECULITE II

Ultra-slim, ultra-lightweight, rubber-armored. Made for birdwatching or sports lovers who appreciate Nikon top-of-the-line precision optics as well as unmatched portability for a full field binocular with a low-light advantage.

(8 x 32 DCF Execulite II

Nikon Product Numbers: 10 x 40 DCF 7888 NCP; 8 x 32 DCF 7887 NCP

not pictured).

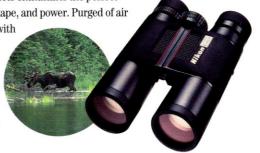
8 x 40 DCF CLASSIC EAGLE

This streamlined, all-metal roof prism binocular offers discriminating $% \left(1\right) =\left(1\right) \left(1\right) \left($

birdwatchers and sports enthusiasts the perfect balance of weight, shape, and power. Purged of air $\,$

and moisture, filled with nitrogen gas and securely sealed, it is waterproof and fogproof.

Nikon Product Number: 7826 NCP



8-16 x 40 CF ZOOM XL,

6-12 x 24 DCF LETOUR ZOOM

A super choice of Porro prism or roof prism slim line design, these are the highest quality zooms in the industry. Microsmooth central focus and zoom controls, ultra precision lens fittings and superb optics in perfect alignment.

(8-16 x 40 CF ZOOM XL not pictured).



TRAVELITE III COMPANION SERIES

7 x 20 CF, 8 x 23 CF, 9 x 25 CF, 10 x 25 CF

The Travelite III Companion Series of binoculars offers an irresistible combination of high power, superb resolution, and a compact, lightweight design at a popular price. The 8 x 23

Travelite III is the replacement for our famous #1 consumer-rated 8 x 23 Venturer, with a new ergonomic shape as the only change.

 $(10 \times 25 \text{ CF not pictured.})$ Another member of the Companion Series is the new Sprint line of binoculars. Nikon's answer to optics of the future, these sleek, lightweight compacts offer today's most sought after features at an attractive price.

Nikon Product Numbers (Travelite III Series): 7 x 20 CF 7880 NCP; 8 x 23 CF 7882 NCP; 9 x 25 CF 7881 NCP; 10 x 25 CF 7883 NCP

Nikon Product Numbers (Sprint Series): 8 x 21 7300 NCP; 10 x 21 7301 NCP

THE SEA N' SPORT SERIES. BUILT TO LAST IN THE GREAT OUTDOORS.

8 x 30 DIF TRAILBLAZER, 8 x 23 AND 10 x 25 MOUNTAINEERS

Nikon Product Numbers: 8 x 30 DIF 7892 NCP; 8 x 23 CF 7846 NCP; 10 x 25 CF 7845 NCP



8 x 30 Trailblazer

8 x 23 Mountaineer

6x15 MONOCULAR

This ultra-compact monocular measures just 3.2" x 2.0". It's rugged, lightweight, and yet features Nikon multicoated optics for razor-sharp images. Flip the front lens piece and the monocular becomes a handy 9x magnifier — ideal for studying fine print, maps or small objects. The 6x15 monocular is the ideal, everyday companion for everything from reading distant street signs, to examining jewelry and other small items.

Nikon Product Number: 7884 NCP



THE CRITERION E SERIES

7 x 35 E, 8 x 30 E, 10 x 35 E

Offering the power and brightness of larger binoculars, the top-rated Criterion E Series binoculars feature micro-smooth-

fast focusing, close-focus capability and superb edge-to-edge sharpness in unusually compact, lightweight bodies. (8 x 30 E, 10 x 35 E not pictured.) Nikon Product Numbers: 7 x 35 E 780 NCP: 8 x 30 E 782 NCP:



DIPLOMAT

10 x 35 E 784 NCP

8x23, 10x25

These extraordinary new Porro prism binoculars redefine the word "sharp" in a compact, portable binocular. Featuring the cutting edge technology of aspherical (AS) lenses, these binoculars are rendered virtually free of distortion. You'll see edge-to-edge sharpness, with exceptionally bright images that combine high contrast with rich, true colors. The all metal body with sleek, beautiful lines and easy grip, two-tone rubber armor, makes for excellent handling and durability. Eyeglass wearers especially will enjoy the exception-

> ally long eye relief for a compact. A unique diopter control lock prevents your personal diopter setting from moving unintentionally. (10 x 25 not pictured.)

Nikon Product Numbers: 8 x 23 7896 NCP; 10 x 25 7897 NCP

7 x 50 IF SEAFARER II

Batten down the hatches. This rugged binocular is waterproof and fogproof and features large 50mm objective lenses for maximum resolution to spot fish, shore lines, buoys and markers - even in foggy or very low light conditions. 7x power is high enough magnification to do the job, yet low

rocking boat. Rubber armor absorbs shock, and provides an easyto-grip surface.

Nikon Product Number: 7868 NCP



THE ACTION SERIES

Lookout III

7 x 35 NATURALIST III, 8 x 40 EGRET, 10 x 50 LOOKOUT III

If you have an eye on your budget, but you still value Nikon quality, consider the Action Series. Depending on the model, Action Series binoculars can be used for astronomy, sports viewing, or backyard birdwatching. Quick central focusing, diopter controls, BaK 4 high index prisms and rubber-coated, durable



HUMAN EYE PUPIL RANGE: 2-7MM BRIGHT-DARK BINOCULAR EXIT PUPIL REQUIREMENTS

2mm — Bright Light Use	— 3mm —————Averag	ge Daylight	5mm	7mm Night, Boating And Anytim		
8 x 20	7 x 20	8 x 30	7 x 35	7 x 50		
10 x 25	9 x 25	8 x 32	8 x 40	10 X 70		
	8 x 23		10 x 50			

HERE ARE THREE OF THE MOST COMMONLY ASKED QUESTIONS ABOUT BINOCULARS. THEY'LL HELP YOU DETERMINE WHICH BINOCULAR IS RIGHT FOR YOU:

- Q. What do the numbers appearing on binoculars mean? For example, "7 x 35, 8.6°."
- A. The first number appearing on a binoc ular indicates its magnification. In this case, the "7" means that the subject will appear 7 times closer than it really is. For example, a subject that is 100 yards away, will appear to be only 14 yards away with a
- "7 power" binocular. The "35" indicates the diameter in millimeters of the binocular's front (objective) lenses. With the power of the binocular as the only constant, the larger this number, the greater the ability of the binocular to gather light (important if you plan to use your binoculars in dim light). Actually, when it comes to gathering light, it's the "exit pupil" that really counts - see third question! The "8.6" indicates the binocular's "real angle of view." Angle of view is important because it translates to how much of the width of the subject can be seen at a certain distance. For example, if you were watching a soccer game or simi-
- lar activity, you would want a wide angle of view to make sure you have a better chance of seeing all the action. There's a lot of terms and definitions here, but basically if you multiply the magnification (in this case, 7) by the real angle of view (8.6) you'll arrive at "apparent angle of view." Apparent angle of view is measured in degrees (in this case 60°). Smaller numbers indicate a narrow view; larger numbers indicate a wider view. If the number is greater than 60°, basically you have a wide-angle binocular.
- Q. What is "diopter control" and why do you need it?

- A. Most people have one strong eye and one weak eve. Diopter control is essential to regulate this imbalance. Without it, evestrain can result. While many fixed focus binoculars do not have diopter control, all Nikon binoculars offer this important feature. It is usually located on the right evepiece (see binocular instruction booklet on "How to Properly Focus a Binocular."
- Q. What is "exit pupil"? Is it important?
- A. Exit pupil is the size of the round, white image appearing on the eyepiece lenses of the binocular. It's very important because the larger the "exit pupil," the more light

that reaches the eye. Basically, it must equal the size of your own eye's pupil to achieve maximum brightness. The human eye pupil ranges between 2 and 7 millime ters. Therefore an exit pupil of 7 or more, is ideal for night or dim-light viewing, as well as all other light situations. However, if you plan on using your binoculars only in bright sun, an exit pupil of 2-3 might be suitable. To determine exit pupil, divide the size of the objective lens by the magnification. In our example (7 x 35, 8.6°), this means an exit pupil of 5 (35/7 = 5). This would be suitable for all daylight use and into early dusk or dawn lighting (see chart above!).

Fieldscopes and Spotting Scopes

FOR THE SERIOUS OBSERVER

Designed primarily for serious birdwatchers and nature lovers, Nikon fieldscopes and spotting scopes deliver incredible power and crisp, clear viewing.

60MM FIELDSCOPES II

Available in both straight and 45-degree angled eyepiece with rotatable body design. Choose ED (Extra-Low Dispersion Glass) versions for exceptional optical performance. Choose angled versions for more comfortable viewing when standing. Nikon incorporates an advanced prism design which results in 15% less optical loss compared to many conventional angled body types. Choose eyepieces ranging in magnifications from 15x to 60x, or convenient 20-45x zoom. Add the 35mm photo attachment (for Nikon cameras only) to turn your fieldscope into an 800mm f/13.3 super telephoto lens. Sealed with 0-rings for water resistance.

Nikon Product Numbers (body only): Fieldscope EDII A 7839 NCP; Fieldscope IIA 7838 NCP; Fieldscope EDII 7895 NCP; Fieldscope II 7894 NCP

78MM FIELDSCOPES ED

These fieldscopes are equipped with 78mm ED (Extra-low Dispersion) lenses, for the ultimate in image resolution, color and contrast. Available in straight or 45-degree angled eyepiece with rotatable body, these fieldscopes offer bright, clear images at far distances, even in low light. This rugged fieldscope is sealed with O-rings for water resistance and comes with a case that doubles as a cover to protect your scope when mounted on a tripod. Fieldscopes ED accept all fieldscope eyepieces. Add the 35mm photo attachment to turn your fieldscope (for Nikon cameras only) into a 1000mm f/12.8 super-telephoto lens.

Nikon Product Numbers (body only): 78mm

Nikon Product Numbers (body only): 78mm Fieldscope ED 7898 NCP; 78mm ED Angled 7899 NCP.

PHOTOGRAPHIC ATTACHMENT FOR FIELDSCOPES

Record what you see through your fieldscope! Simply add the Nikon Photographic Attachment to your Nikon camera and your fieldscope instantly operates as an 800mm f/13.3 lens (1000mm f/12.8 with the 78mm Fieldscope). Share remarkable images



with friends and fellow nature lovers. This attachment is not for use with spotting scopes or other brands of cameras.

Nikon Product Number: 7770 NCP

OPTIONAL EYEPIECES FOR FIELDSCOPES

Optional eyepieces for Nikon Fieldscopes let you choose your magnification. Please note: these eyepieces are not for use with spotting scopes. Nikon Product Numbers and Magnification Notes: 7772 NCP 15x (19x for 78mm scope); 7943 NCP 30x Wideangle (38x for 78mm scope); 7773 NCP 30x (38x for 78mm scope); 7774 NCP 40x (50x for 78mm scope); 7775 NCP 20x (25x for 78mm scope); 7811 NCP 60x (75x for 78mm scope); 7771 NCP 20-45x (25x-56x for 78mm scope)

60MM SPOTTING SCOPES

Nikon spotting scopes furnish excellent optical quality, plus they are rubber-armored for superior shock resistance and reliable grip. Multilayer lens coating improves light transmission for clear images even in low-light conditions. Choose Nikon's basic 20x spotting scope or spotting scope with 15x-45x zoom eyepiece. Also choose new angled model for excellent viewing comfort and minimum light loss due to superior Nikon prism design.

Nikon Product Numbers: 20x60 RC Spotting Scope 7834 NCP; 15-45x60 RC Spotting Scope 7835 NCP; 20x60 RC Spotting Scope Angled 7500 NCP; 15-45x60 RC Spotting Scope Angled 7501 NCP

16-47 x 60 SPOTTER XL OUTFIT

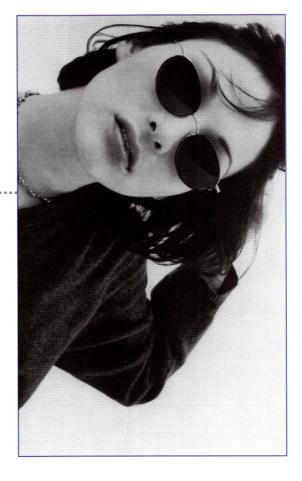
The new Spotter XL is a lightweight, compact roof prism spotting scope that incorporates all the finer features that only Nikon can deliver. The Spotter XL offers a very broad 200m range from 16-47X, phase correction coatings that provide superior resolution, and multilayer lens coatings that prevent light reflections and improve color rendition. The Spotter XL's waterproof, fogproof and rubber-coated construction makes it the most reliable companion to have, no matter what the weather conditions may be. All this plus a 25-year limited warranty! The Spotter XL Outfit includes the Spotter XL Scope with case, Compact Field Tripod and Deluxe Carrying Case. The Spotter XL with case is available separately.

Nikon Product Numbers: Spotter XL Outfit 6901 NCP; Spotter XL with Case 7900 NCP

Nikon Sunglasses

THE HEIGHT OF FASHION AND PERFORMANCE

You won't take photographs with anything but a Nikon camera. Why compromise when it comes to sunglasses? Nikon offers a full line of sunglasses featuring the hottest fashions and the most advanced optics. Designed to meet the demands of outdoor enthusiasts the world over, all Nikon lenses are manufactured in our legendary glassworks. Nikon frames are manufactured to the highest optical standards and Nikon lenses provide complete protection from harmful ultraviolet light, and yet they remain comfortably lightweight. Try a pair and you'll see that there's just no substitute for Nikon quality.





GIMBALED SILICON NOSE PADS ALLOW THE FRAME TO ADJUST TO YOUR FACE INSTEAD OF VICE VERSA



MANY STYLES FEATURE OPTICAL SPRING HINGES FOR COMFORT AND DURABILITY

LE - PHOTOCHROMIC

sunglasses feature photochromic lenses. This means their light transmittance changes as conditions become brighter or darker. A low 12% light transmittance can be reached in a mere 45 seconds. High-contrast copper tint reduces eye fatique, while a gradient mirror coating reflects light from the sun above. Each lens features light, tough borosilicate glass and carefully applied anti-reflective coatings. Choose polarized or non-polarized versions.



POLARIZED



Navigator 53054 NCP

If you're tired of the sun and water playing games with your eyes, here's the solution. Nikon GX Polarized lenses virtually eliminate reflected glare. And a double-gradient mirror coating is sandwiched inside where it can never be scratched. Choose our high-contrast copper tint that's perfect for fishing, or our true-color neutral gray tint that's ideal for water sports. Both offer Nikon antireflective coatings and 10% visible light transmission. These sunglasses provide maximum protection from harmful UVA and UVB rays.



Clearwater 53332 NCP



Avalanche 53253 NCP



CE — CONTRAST ENHANCEMENT

Can't tell a mogul from an ice patch? Put on a pair of Nikon CE lens sunglasses to see the difference. CE lenses enhance contrast so terrain variations normally lost to the human eye are readily discernable. Nikon Rose/Amber or Amber tints sharpen your visual acuity by knocking out blue rays that prevent your eyes from focusing sharply. Anti-reflective coatings prevent light from reflecting back into your eyes, and each lens is chemically tempered to exceed both ANSI and FDA impact standards. Violet and red mirror coatings reflect intense light — look hot while you conquer the cold.





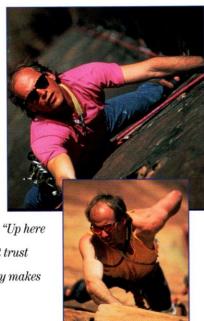
Sipping a cappucino? Cruising in a convertible? Here are the designer styles — and protection — that fit your lifestyle. Crafted from exclusive Nikon Borosilicate glass, they're light yet chemically tempered to exceed FDA impact standards. Nikon anti-reflective coating and complete ultraviolet light protection keep the sun in its place. Choose neutral gray lenses for true color transmission, or high-contrast brown to filter out difficult-to-focus blue light. Choose from the classic styles of Nikon's popular-priced Vitals Collection, or the Oasis Collection designed specifically for today's woman. From classic to antique metal, set the style with Nikon.

COUNTING ON CONTRAST

When you're 300 feet up the side of a sheer rock face, there's only one thing that counts — performance.

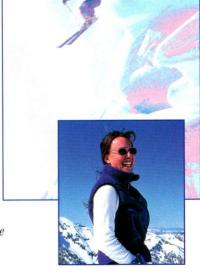
Well-known free rock climber Todd Skinner chooses Nikon CE
(Contrast Enhancement) lenses to make sure he sees every hand hold and crack. "Up here or on the ground I wouldn't trust anything else. Nikon quality makes the difference."





LIVING ON THE EDGE

"Extreme Skier" Kristen
Ulmer knows what
combining style and
performance is all about.
That's why she chooses
Nikon. With Nikon
sunglasses she gets the
optical quality she needs,
and the style that sets her
apart. "Definitely, Nikon is
the only way to go. The
second you put them on,
everything appears clearer.
Nikon sunglasses give me the
confidence I need."



Kristen Ulmer

Nikon-Helping You Take The World's Greatest Pictures. Yours.

Nikon's dedication to the finest in photography extends far beyond its commitment to produce only the very best state-of-the art equipment.

Nikon offers you a comprehensive blend of information, training and services to sustain and advance your photographic expertise.

develop the skills you already possess.

NIKON WORLD MAGAZINE

Published three times a year along with a

calendar issue, this magazine presents the most up-to-date information on Nikon's latest products, and features a selection of Nikon photographs taken with Nikon equipment. Nikon camera purchasers can subscribe by submitting the application form packed in the camera box or calling 1-800-NIKON-US.

Subscription Rates:



One year, \$11.95; 2 years, \$21.95; 3 years, \$29.95. Back Issues: \$4.00.

NIKON SCHOOL OF PHOTOGRAPHY

The Nikon School has become famous for its practical effectiveness in teaching 35mm photography through its traveling one-day seminars. You get clear, practical information on the kind of pictures you want. You'll find yourself among fellow enthusiasts who share a common goal: to explore new areas of photography and

With years of photographic experience, each Nikon School instructor brings a unique combination of teaching and presentation skills to make learning about photography exciting.

Learn about lens selection, exposure metering, composition, light – the essence of photography, electronic flash, close-up photography and more.

The complete Nikon School course is conducted twice in one weekend. You can attend all day Saturday, or all day Sunday from 9:00 a.m. -5:00 p.m. Your \$80 fee includes a lunch and a special 157-page edition of The Nikon School Handbook - a \$24.95 value.

Attendance is limited, so enroll early.

How to Enroll — Call 516-547-8666 to register by phone (have your Visa, MasterCard or American Express Card ready) or, write to:

The Nikon School 1300 Walt Whitman Road Melville, New York 11747-3064



NIKON SCHOOL VIDEO LEARNING SERIES

The award-winning Nikon School Video Learning Series brings professional photographers right into your living room. From cameras, to flash, to accessories, to learning the techniques the professionals know best, this intriguing



actual location footage of America's most-recognized photographers: Galen Rowell, Brett Froomer, Roger Ressmeyer, Joe McNally, Al Satterwhite, Jade Albert and an array of others. Current titles include: F4, N90/N90s, N50, N70, N8008s, N6006, N5005, SB-24, and SB-25/26 Speedlight videotapes (Speedlight videotapes come with quick-reference "Flashcards"). Series also includes "Essence of Light" and Close-up videotapes. Most Nikon School tapes are available at just \$29.95.

Nikon's Full-Line Video Product Guide is available for just \$4.95 (\$3.00 postage and handling per order.) To order any of the above videotapes call toll-free:

1-800-55-NIKON.



Your Nikon dealer is your best source for information relating to all Nikon products and service.

To find the location of the Nikon dealer nearest you, call 1-800-NIKON-US.

ALPHABETICAL INDEX TO PRODUCTS AND PRODUCT CATEGORIES

Product	Product #	Page #	Price†	Product	Product #	Page #	Price†	Product	Product #	Page #	Price†
Binoculars				CS-9	426 NCP	29	\$51.00	EL-Nikkor 75mm f/5.6	224 NCP	71	\$217.00
6-12x24 DCF LeTour Zoom	7861 NCP	83	\$750.00	CS-10	427 NCP	29	\$57.00	EL-Nikkor 80mm f/5.6	212 NCP	71	\$278.50
6x15 Monocular	7884 NCP	84	\$147.00	CS-13	4484 NCP	29	\$115.00	EL-Nikkor 105mm f/5.6	213 NCP	71	\$337.00
7-15x35 Scoutmaster Zoom II	7864 NCP	82	\$286.00	CS-15	4414 NAS	29	\$108.00	EL-Nikkor 135mm f/5.6	251 NAS	71	\$498.50
7x20 CF Travelite III Companio	n 7880 NCP	83	\$142.00	CS-16	4415 NCP	29	\$108.00	EL-Nikkor 150mm f/5.6	252 NAS	71	\$1,028.50
7x35 E Criterion	780 NCP	84	\$529.99	CS-17	4136 NCP	29	\$94.00	EL-Nikkor 180mm f/5.6	253 NAS	71	\$942.00
7x35 Naturalist III	7889 NCP	84	\$158.00	CS-18	4137 NCP	29	\$104.00	EL-Nikkor 210mm f/5.6	254 NAS	71	\$1,105.50
7x35 Sky & Earth	7305 NCP	82	\$216.40	CS-19	4138 NCP	29	\$100.00	EL-Nikkor 240mm f/5.6	255 NAS	71	\$2,393.50
7x50 IF SP Prostar	7789 NCP	83	\$1,330.03	CS-20	4139 NCP	29	\$109.00	EL-Nikkor 300mm f/5.6	256 NAS	71	\$2,868.00
7x50 Seafarer II	7868 NCP	84	\$1,010.02	Camera Neckstraps				EL-Nikkor 360mm f/5.6	95104 NAS	71	\$2,761.00
7x50 Sky & Earth	7306 NCP	82	\$261.00	AH-4	649 NAS	69	\$82.00	Accessories for EL-Nikkor Enlarg	ging Lenses		
7x50 IF Sports & Marine	7869 NCP	82 82	\$488.69 \$367.73	AN-1	635 NCP	69	\$23.50	34.5mm Snap-on Lens Cap	, 0		
(Non-Compass Model) 8-16x40 CF Zoom XL	7996 NCP 7860 NCP	83	\$750.00	AN-4B	639 NCP	69	\$23.50	f/EL-Nikkor (repl)	574 NCP	71	\$9.50
8x20 Sportstar Companion	7885 NCP	82	\$199.00	AN-4Y	638 NCP	69	\$23.50	39mm Lens Mounting Flange	96925 NCP	71	\$30.00
8x21 Sprint	7300 NCP	83	\$124.00	AN-6W	4508 NCP	69	\$38.00	40.5mm Snap-on Lens Cap	ree von		40.50
8x23 CF Travelite III Companio		83	\$158.00	AN-6Y	507 NCP	69	\$22.50	f/EL-Nikkor	577 NCP	71	\$9.50
8x23 CF Sea N' Sport	7846 NCP	83	\$406.01	NS-1	673 NCP	69	\$13.00	43mm Snap-on Lens Cap	576 NCP	71	\$9.50
8x23 Diplomat	7896 NCP	84	\$338.00	NS-3	5203 NCP	69	\$15.00	f/EL-Nikkor Extension Mounting Tube	STONOL	11	φθ.90
8x30 E Criterion	782 NCP	84	\$579.98	NS-4	5204 NCP	69	\$15.00	f/EL-Nikkor (15mm)	2642 NCP	71	\$25.00
8x30 DIF Sea N' Sport	7892 NCP	83	\$679.99	NS-5	5205 NCP	69	\$17.00	Lens Mounting Adapter			
8x32 DCF Execulite II	7887 NCP	83	\$749.98	Close-up Equipment and Accessor	ries			f/50mm EL-Nikkor	2655 NCP	71	\$56.50
8x40 DCF Classic Eagle	7826 NCP	82	\$1,389.98	18% Grey Card for PF-4	2754 NAS	67	\$13.50	Plastic Case f/50mm	101 1100		410 50
8x40 Egret	7890 NCP	84	\$189.00	AH-3 Tripod Mounting Adapter	$4580\mathrm{NCP}$	68	\$42.50	EL-Nikkor (repl)	461 NCP	71	\$13.50
9x25 CF Travelite III Companio		83	\$173.00	Anti-Cold Battery Packs				Reverse Mounting Ring f/50,	2641 NCP	71	\$21.50
10x21 Sprint	7301 NCP	83	\$140.00	DB-2 for F Series, FM2N	$3062\mathrm{NCP}$	69	\$96.00	63mm N EL-Nikkor Reverse Mounting Ring f/50, 75,	2041 NOI	11	φ21.00
10x25 CF Sea N' Sport	7845 NCP	83	\$439.00	Anti-Cold Battery Packs	3068 NAS	69	\$131.00	80mm N EL-Nikkor	2640 NCP	71	\$21.50
10x25 Sportstar Companion	7886 NCP	82 83	\$230.00 \$189.00	DB-5 for N8008S Bellows Focusing Unit PB-6	2660 NAS	66	\$470.00	Reverse Mounting Ring f/135,		3.7	1.000
10x25 CF Travelite III Companio	7897 NCP	84	\$378.00	Bellows/Rail Spacer PB-6D	2664 NAS	67	\$96.00	150mm N EL-Nikkor	2654 NCP	71	\$53.50
10x25 Diplomat 10x35 E Criterion	784 NCP	84	\$630.02	Cable Release AR-3	664 NCP	68	\$20.00	Francisco Association			
10x40 DCF Execulite II	7888 NCP	83	\$800.00	Cable Release AR-4	2636 NAS	67	\$76.50	Eyepiece Accessories Eyepiece Adapter DK-7 for F4S,			
10x50 Lookout III	7891 NCP	84	\$210.99	Cable Release AR-7	668 NAS	67, 68	\$76.50	N90s,N90, N8008S, F3HP			
10x50 Sky & Earth	7308 NCP	82	\$265.20	Cable Release AR-10	2670 NAS	67,68	\$111.00	(with DE-3 high-evepoint			
10x70 IF SP Astroluxe	7893 NCP	83	\$1,920.00	Cable Release Adapter AR-8	669 NCP	69	\$6.25	finder), F3T	2394 NAS	54	\$13.00
				Extension Bellows PB-6E	2663 NAS	66	\$315.00	Eyepiece Adapter for N70/	9970 NCD	E4	\$4.00
Cameras	1001 MAG	97	\$1,220.00	Extension Ring PK-11A (8mm)	2656 NCP	66	\$99.00	N6006/N6000, N5005, N2000 Eyepiece Magnifier DG-2	2370 NCP 2355 NCP	54 54	\$4.00 \$84.50
28Ti 35Ti	1881 NAS 9630 NAS	27 27	\$1,220.00	Extension Ring PK-12A (14mm)		66	\$102.00	Right Angle Finder DR-3	2326 NCP	54 54	\$209.00
F3HP	1691 NAS	9	\$1,510.00	Extension Ring PK-13A (27.5mn		66	\$106.00	Rubber Eyecup DK-2 for	20201101	01	Φ200.00
F3/T	1694 NAS	11	\$1,810.00	Focusing Stage PG-2	2756 NCP	66	\$315.00	F4S, F3HP/F3/T	2406 NAS	54	\$11.00
F4S	1791 NAS	4	\$2,640.00	Intervalometer MT-2	128 NCP	68	\$1,490.00	Rubber Eyecup DK-3			
FM2N (Black Finish)	1684 NCP	25	\$680.00	Lens Reversing Ring BR-2A	2657 NCP 2629 NCP	66 66	\$41.00 \$42.00	for FM2, FE2, FA	2362 NCP	54	\$11.00
FM2N (Chrome Finish)	1683 NCP	25	\$655.00	Lens Reversing Ring BR-3 Lens Reversing Ring BR-5	2631 NCP	66	\$41.00	Rubber Eyecup DK-6	0000 NIAC	F4	ė11 00
FM2T Titanium Body	1685 NCP	26	\$1,120.00	Lens Reversing Ring BR-6	2658 NAS	66	\$96.00	for N90, N8008S	2393 NAS 2969 NCP	54 54	\$11.00 \$6.50
N50	1710 NCP	23	\$535.00	Macro Copy Stand PB-6M	2662 NAS	66	\$81.50	Rubber Eyecup DK-9 for N70 Rubber Eyecup	2909 NOF	94	90.90
N70	1793 NAS	18	\$842.00	MC-26 Adapter Cord	4656 NAS	68	\$77.50	for N6006/N6000/N5005	2939 NCP	54	\$6.00
N6006	1770 NCP	21	\$560.00	ML-2 Modulite Remote							
N90	1769 NAS	17	\$1,210.00	Control Set	4641 NCP	68	\$495.00	Eyepiece Correction Lenses			
N90s	1768 NAS	12	\$1,210.00	Modulite Remote Control Bracke		68	\$15.00	Eyepiece Correction Lens F3 (w/DE-2) F3AF, F2 +0.5	2922 NAS	54	\$20.50
Camera Cases				Motor Drive Holder PH-4	2758 NAS	67	\$115.00	Evepiece Correction Lens F3	2022 14110	01	Ψ20.00
CF-21A	4410 NAS	29	\$81.50	Motor Remote Cord with Banana Plug MC-4A (3')	4583 NCP	68	\$49.50	(w/DE-2) F3AF, F2 +1.0	2919 NAS	54	\$20.50
CF-22	4422 NAS	29	\$119.00	Motor Remote	4000 1101	00	φ40.00	Eyepiece Correction Lens F3			
CF-27	4427 NCP	29	\$84.50	Trigger Cord MC-10	131 NCP	68	\$65.50	(w/DE-2) F3AF, F2 +2.0	2920 NAS	54	\$20.50
CF-28	4428 NCP	29	\$99.00	Motor Remote Trigger Cord				Eyepiece Correction Lens F3	0001 NAC	F.4	\$20 FO
CF-28A	4431 NCP	29	\$57.00	MC-12A (10')	4586 NCP	68	\$80.00	(w/DE-2) F3AF, F2 +3.0	2921 NAS	54	\$20.50
CF-29	4429 NCP	29	\$132.00	Panorama Head AP-2	2028 NCP	69	\$210.00	Eyepiece Correction Lens F3 (w/DE-2) F3AF, F2 -2.0	2915 NAS	54	\$20.50
CF-34 CF-37L/CF-37LQD	4434 NCP 4355 NCP	29 29	\$158.00 \$47.00	Repro Copy Outfit PF-4	2757 NAS	66	\$955.00	Eyepiece Correction Lens F3	20101410	01	φ20.00
CF-38LA	4356 NCP	29	\$42.00	Slide Copy Adapter ES-1	3213 NAS	67	\$61.00	(w/DE-2) F3AF, F2 -3.0	2916 NAS	54	\$20.50
CF-39L	4357 NAS	29	\$70.00	Slide Copying Adapter PS-6 Soft Shutter Release AR-9	2661 NAS	66 69	\$283.00 \$7.00	Eyepiece Correction Lens F3		-	
CF-40	4591 NAS	29	\$77.00	Table Clamp PC-3	4417 NCP 2753 NAS	67	\$132.00	(w/DE-2) F3AF, F2 -4.0	2917 NAS	54	\$20.50
CF-41	4593 NAS	29	\$174.00	Tripod Adapter Plate	2759 NAS	67	\$85.00	Eyepiece Correction Lens F3 (w/DE-2) F3AF, F2 -5.0	2918 NAS	54	\$20.50
CF-42	4594 NAS	29	\$212.00	Wireless Radio Remote	21001410	01	400.00	Eyepiece Correction Lens F3	2910 NAO	94	φ20.30
CF-43	4595 NAS	29	\$248.00	Control Set MW-2	141 NCP	68	\$2,540.00	(w/DE-2) F3AF, F2 "0"	2914 NAS	54	\$20.50
CF-45	4350 NCP	29	\$70.00	Wireless Radio Remote				Eyepiece Correction Lens			
CF-46	4351 NCP	29	\$77.00	Control Set MW-2 (repl)	143 NCP	68	\$1,270.00	F4s, F3HP/F3 +1.0	2951 NAS	54	\$20.50
CF-47	4358 NAS	29	\$76.50	Coolscan 35mm Film Scanner	Inside Back	Cover		Eyepiece Correction Lens	2052 NAC		400 50
CF-48A CF-49	4360 NAS 4363 NCP	29 29	\$48.50 \$50.00	C-24-0-4-0-4-0-4-0-4-0-4-0-4-0-4-0-4-0-4-			4050.00	F4s, F3HP/F3 +2.0 Eyepiece Correction Lens	2952 NAS	54	\$20.50
CF-50	4364 NCP	29	\$55.00	Data Link	4671 NAS	14	\$270.00	F4s, F3HP/F3 -2.0	2953 NAS	54	\$20.50
CF-51	4367 NCP	29	\$70.00	El-Nikkor Enlarging Lenses				Eyepiece Correction Lens		JE 60	
CF-52	4368 NCP	29	\$77.50	EL-Nikkor 40mm f/2.8	$209\mathrm{NCP}$	71	\$305.50	F4s, F3HP/F3 -3.0	2954 NAS	54	\$20.50
CS-7	$422\mathrm{NCP}$	29	\$42.00	EL-Nikkor 50mm f/2.8	210 NCP	71	\$210.50	Eyepiece Correction Lens	00503110		400 50
CS-8	$425\mathrm{NCP}$	29	\$46.00	EL-Nikkor 63mm f/2.8	211 NCP	71	\$300.00	F4s, F3HP/F3 "O"	2950 NAS	54	\$20.50
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[†] Suggested List Price.
*Subject to available inventory.
** Special order.
All prices and specifications subject to change without notice.

Product	Product #	Page #	Price†	Product	Product #	Page #	Price†	Product	Product #	Page #	Price†
Eyepiece Correction Lens FM2/FE2/FA +0.5	2931 NCP	54	\$20.50	CA-2 Filter Pouch for all 39mm Filters	2305 NAS	52	\$24.50	Type M Focusing Screen (F3HP/F3/T)	2567 NAS	55	\$60.00
Eyepiece Correction Lens FM2/FE2/FA +1.0	2932 NCP	54	\$20.50	CP-3 Filter case for all 52mm Filters	2291 NCP	52	\$5.50	Type M Focusing Screen (F4S) Type P Focusing Screen	2520 NAS	55	\$63.00
Eyepiece Correction Lens FM2/FE2/FA +2.0	2933 NCP	54	\$20.50	CP-6 Filter case for all 62mm Filters	2378 NCP	52	\$4.00	(F3HP/F3/T) Type P Focusing Screen (F4S)	2568 NAS 2521 NAS	55 55	\$60.00 \$63.00
Eyepiece Correction Lens FM2/FE2/FA +3.0	2934 NCP	54	\$20.50	CP-5 Filter case for all 72mm Filters	2292 NCP	52	\$5.50	Type R Focusing Screen (F3HP/F3/T)	2569 NAS	55	\$60.00
Eyepiece Correction Lens FM2/FE2/FA -2.0 Eyepiece Correction Lens	$2935\mathrm{NCP}$	54	\$20.50	Complete Filter Listings Filter Adapter Ring UR-1	2377 NCP	51-53 52	\$23.50	Type S Focusing Screen (F3HP/F3/T)	2572 NAS	55	\$60.00
FM2/FE2/FA -3.0 Evepiece Correction Lens	$2936\mathrm{NCP}$	54	\$20.50	Filter Holder for AF-1 (repl) Gelatin Filter Holder for 200mm/2	2469 NAS 2461 NAS	52 52	\$95.50 \$118.00	Type T Focusing Screen (F3HP/F3/T) Type U Focusing Screen	$2570\mathrm{NAS}$	55	\$60.00
FM2/FE2/FA -4.0 Eyepiece Correction Lens	2937 NCP	54	\$20.50	Gelatin Filter Holder for AF-1 (repl)	2470 NAS	52	\$121.00	(F3HP/F3/T) Type U Focusing Screen (F4S)	2571 NAS 2522 NAS	55 55	\$60.00 \$63.00
FM2/FE2/FA -5.0 Eyepiece Correction Lens	2938 NCP	54	\$20.50	HN-12 Hood for 52mm Circular Polarizing Filter	518 NAS	52	\$42.00	Interchangeable Viewfinders	2022 NAO	55	ф05.00
FM2/FE2/FA "0" Eyepiece Correction Lens	2930 NCP	54	\$20.50	HN-13 Hood for 72mm Circular Polarizing Filter	539 NCP	52	\$46.00	DA-2 Action Finder DA-20 AE Action Finder	2385 NAS 2503 NAS	10 6	\$690.00 \$1,170.00
N90s/N90/N8008S +0.5 Eyepiece Correction Lens	2961 NAS	54	\$20.50	HN-29 Hood for 77mm Circular Polarizing Filter	4613 NAS	52	\$54.00	DE-2 Eye Level Finder DE-3 High-Eyepoint Finder	2382 NAS 2386 NAS	10 10	\$269.00 \$439.00
N90s/N90/N8008S +1.0 Eyepiece Correction Lens N90s/N90/N8008S +2.0	2962 NAS 2963 NAS	54 54	\$20.50 \$20.50	Slip-in 39mm Holder for ED-IF Lens (repl)	2220 NAS	52	\$77.00	DG-2 Eyepiece Magnifier DK-2 Rubber Eyecup	2355 NCP 2406 NAS	11 11	\$84.50 \$11.00
Eyepiece Correction Lens N90s/N90/N8008S +3.0	2964 NAS	54	\$20.50	Slip-in 52mm Holder for 400mm/2.8 ED-IF (repl)	2459 NAS	52	\$160.00	DK-4 Rubber Eyecup DP-20 Multi-Meter Finder	2379 NAS 2500 NAS	11 5	\$11.00 \$735.00
Eyepiece Correction Lens N90s/N90/N8008S -2.0	2965 NAS	54	\$20.50	Slip-in Gel Holder for 400m/2.8 ED-IF Lens (repl)	$2460\mathrm{NAS}$	52	\$160.00	DR-3 Right-Angle Viewing Attachment	2326 NAS	10	\$209.00
Eyepiece Correction Lens N90s/N90/N8008S -3.0	2966 NAS	54	\$20.50	Slip-in Gel Holder for ED-IF Lens (repl) Square (UV) Filter for	2443 NAS	52	\$111.00	DW-3 Waist Level Finder DW-4 6X Magnification Finder	2383 NAS 2384 NAS	10 10	\$172.00 \$435.00
Eyepiece Correction Lens N90s/N90/N8008S -4.0	2967 NAS	54	\$20.50	105mm/4.5 UV Nikor (repl) UR-2 Filter Adapter for	$2397\mathrm{NAS}$	52	\$375.00	DW-20 Waist-Level Viewfinder DW-21 6X High	2501 NAS	6	\$325.00
Eyepiece Correction Lens N90s/N90/N8008S -5.0	2968 NAS	54	\$20.50	105mm/4.5 ÚV-Nikkor (repl)	2398 NAS	52	\$96.00	Magnification Finder Lens Caps and Covers	2502 NAS	6	\$620.00
Eyepiece Correction Lens N90s/N90/N8008S "0"	$2960\mathrm{NAS}$	54	\$20.50	Focusing Screens Type A Focusing Screen (F3HP/F3/T)	2552 NAS	55	\$60.00	52mm Snap-on Front Lens Cap 61mm Snap-on Front	581 NCP	49	\$13.00
Eyepiece Correction Lens N70/N50/N5005/N4004 "0" Eyepiece Correction Lens	$2940\mathrm{NCP}$	54	\$12.00	Type B Focusing Screen (F3HP/F3/T)	2553 NAS	55 55	\$60.00	Lens Cap for 16mm f2.8N 62mm Snap-on Front Lens Cap	597 NAS 600 NCP	49 49	\$30.50 \$13.50
N6006/6000 +0.5 Eyepiece Correction Lens	2941 NCP	54	\$12.00	Type B Focusing Screen (F4S) Type B Focusing Screen (FM2)	2510 NAS 2421 NCP	55 55	\$63.00 \$40.00	72mm Snap-on Front Lens Cap 77mm Snap-on Front	601 NCP	49	\$15.50
N6006/6000 +1.0 Eyepiece Correction Lens	2942 NCP	54	\$12.00	Type B Focusing Screen (N90s, N90)	2584 NAS	55	\$41.00	Lens Cap for 80-200mm f/2.8 AF and 20-35mm f/2.8D AF	578 NAS	49	\$20.00
N6006/6000 +2.0 Eyepiece Correction Lens	2943 NCP	54	\$12.00	Type B Focusing Screen (N8008s Type C Focusing Screen		55	\$40.00	85mm Slip-on Front Lens Cap for 500mm f/8N Relex	1335 NCP	49	\$11.00
N6006/6000 +3.0 Eyepiece Correction Lens	2944 NCP	54	\$12.00	(F3HP/F3/T) Type C Focusing Screen (F4S)	2554 NAS 2511 NAS	55 55	\$60.00 \$63.00	90mm Slip-on Front Lens Cap for 15mm f3.5	584 NAS	49	\$50.50
N6006/6000 -2.0 Eyepiece Correction Lens	2945 NCP	54	\$12.00	Type D Focusing Screen (F3HP/F3/T)	2555 NAS	55	\$60.00	95mm Screw-in Front Lens Cap for 50-300mm f4.5 122mm Screw-in Front	$626\mathrm{NAS}$	49	\$40.00
N6006/6000 -3.0 Eyepiece Correction Lens N6006/6000 -4.0	2946 NCP 2947 NCP	54 54	\$12.00 \$12.00	Type E Focusing Screen (F3HP/F3/T)	2556 NAS	55	\$60.00	Lens Cap BF-1A Lens Mount Cap for	621 NAS	49	\$76.50
Eyepiece Correction Lens N6006/6000 -5.0	2948 NCP	54	\$12.00	Type E Focusing Screen (F4S) Type E Focusing Screen (FM2)	2512 NAS 2422 NCP	55 55	\$63.00 \$40.00	SLR Camera BF-2 Front Mount Cap for	612 NCP	49	\$10.00
Fieldscopes			W = 1	Type E Focusing Screen (N90s, N90)	$2583\mathrm{NAS}$	55	\$41.00	TC-2, 300, 301 BF-3 Front Mount Cap for	598 NAS	49	\$30.50
60mm Feldscope II 60mm Fieldscope IIA	7894 NCP 7838 NCP	85 85	\$610.01 \$740.02	Type E Focusing Screen (N8008s) Type F Focusing Screen (F4S)	2581 NAS 2513 NAS	55 55	\$40.00 \$63.00	TC-14, 14B, 14E, 20E Front Lens Cover for 300mm/f2,	611 NAS	49	\$30.50
60mm Fieldscope EDII 60mm Fieldscope EDII A	7895 NCP 7839 NCP	85 85	\$1,089.97 \$1,190.01	Type G1 Focusing Screen (fisheye F3HP/F3/T)	2557 NAS	55	\$60.00	600mm/f4 Front Lens Cover for	603 NAS	49	\$81.50
78mm Filedscope ED 78mm Fieldscope ED Angled	7898 NCP 7899 NCP	85 85	\$1,860.00 \$1,980.00	Type G1 Focusing Screen (fisheye F4S)	2514 NAS	55	\$63.00	300mm/f2.8D AF-I Front Lens Cover for 400mm/f2.8	593 NAS 631 NAS	49 49	\$91.50 \$84.50
Photographic Attachment for Fieldscopes	7770 NCP	85	\$317.09	Type G2 Focusing Screen (wideangle F3HP/F3/T)	2558 NAS	55	\$60.00	Front Lens Cover for 600mm/f4D AF-I	594 NAS	49	\$127.00
Eyepieces for Fieldscopes 15x	7772 NCP	85	\$134.00	Type G2 Focusing Screen (wideangle F4S)	2515 NAS	55	\$63.00	Front Lens Cover for ED lenses (f/200/2; f/300/2.8; f/600/5.6)	629 NAS	49	\$76.50
20x 20-45x	7775 NCP 7771 NCP	85 85	\$134.00 \$261.00	Type G3 Focusing Screen (F3HP/F3/T)	2559 NAS	55	\$60.00	LF-1 Rear Lens Cap for all F-Mount Lenses	607 NCP	49	\$10.00
30x Wide-angle	$7943\mathrm{NCP}$	85	\$242.00	Type G3 Focusing Screen (F4S) Type G4 Focusing Screen	2516 NAS	55	\$63.00	Lens Cases	0011101	10	410.00
30x 40x	7773 NCP 7774 NCP	85 85	\$134.00 \$134.00	(F3HP/F3/T)	2560 NAS	55	\$60.00	CL-11	436 NCP	50	\$83.00
60x	7811 NCP	85	\$146.00	Type G4 Focusing Screen (F4S) Type H1 (F3HP/F3/T)	2517 NAS 2561 NAS	55 55	\$63.00 \$60.00	CL-13A CL-15S	486 NCP 4453 NAS	50 50	\$42.00 \$51.00
Filters and Filter Accessories			10.90.07200	Type H2 (F3HP/F3/T)	2562 NAS	55	\$60.00	CL-17	485 NCP	50	\$74.50
95mm Fitted case for all				Type H3 (F3HP/F3/T)	2563 NAS	55	\$60.00	CL-20A	431 NCP	50	\$81.50
95mm Filters	2298 NAS	52	\$21.50	Type H4 (F3HP/F3/T) Type J Focusing Screen	2564 NAS	55	\$60.00	CL-27A CL-29	4458 NCP	50 50	\$94.00 \$149.00
122mm Fitted case for all 122mm Filters	2299 NAS	52	\$30.50	(F3HP/F3/T)	$2565\mathrm{NAS}$	55	\$60.00	CL-30S	475 NCP 4501 NCP	50 50	\$38.00
AF-1 52mm Gelatin				Type J Focusing Screen (F4S) Type K Focusing Screen	2518 NAS	55	\$63.00	CL-31S	$4502\mathrm{NCP}$	50	\$38.00
Filter Holder AF-2 72mm Gelatin Filter Holde	2278 NAS	52	\$72.50	(F3HP/F3/T)	2551 NAS	55	\$60.00	CL-32S CL-33S	4503 NCP 4504NCP	50 50	\$54.00 \$54.00
(with hood)	2279 NAS	52	\$132.00	Type K Focusing Screen (F4S)	$2519\mathrm{NAS}$	55	\$63.00	CL-34A	4474 NCP	50	\$46.00
CA-1 Filter Pouch for all 52mm Filters	2307 NCP	52	\$35.50	Type K Focusing Screen (FM2) Type L Focusing Screen	2420 NCP	55	\$40.00	CL-35A	4479 NCP	50	\$72.50
AL E MANUALY			,,,,,,,,	(F3HP/F3/T)	$2566\mathrm{NAS}$	55	\$60.00	CL-36	4480 NCP	50	\$81.50

Product	Product #	Page #	Price*	Product	Product #	Page #	Price*	Product	Product #	Page #	Price*
CL-37	4470 NAS	50	\$54.00	Close-up Lens No. 6T IC 62mm				55mm f/2.8 Micro-Nikkor AIS	$1442\mathrm{NAS}$	41,65	\$439.00
CL-38	4471 NAS	50	\$61.00	(3.0 Diopter) Micro-Nikkor 55mm f/2.8	4537 NCP 1442 NCP	66 61	\$72.50 \$439.00	60mm f/2.8D AF Micro-Nikkor AIS	1987 NCP	41, 42, 65	\$560.00
CL-39	4476 NCP 4478 NCP	50 50	\$84.50 \$68.50	Micro-Nikkor 200mm f/4 IF	1442 NCP 1468 NAS	65	\$1,070.00	105mm f/2.8D AF	1907 NOI	41, 42, 00	φουσίου
CL-40 CL-41	4478 NCP 4460 NCP	50	\$38.00		110011110	00	42,010100	Micro-Nikkor AIS	1988 NCP	41, 42, 65	\$885.00
CL-42	4459 NAS	50	\$88.50	Lenses (for 35mm SLR's) 6mm f/2.8 Fisheye-Nikkor AIS	1405 NAS	34	*	200mm f/4D AF Micro-Nikkor AIS	1989 NCP	41 43 65	\$1,820.00
CL-43	4461 NAS	50	\$102.00	8mm f/2.8 Fisheye-Nikkor AIS	1402 NAS	34	\$2,110.00	120mm f/4 IF	1909 NCI	41, 40, 00	φ1,020.00
CL-43A	4462 NAS	50	\$102.00	15mm f/3.5 Nikkor AIS	1412 NAS	34	\$2,500.00	Medical-Nikkor Set	983 NAS	41,65	\$1,880.00
CL-44 CL-45	4463 NAS 4464 NAS	50 50	\$60.00 \$80.66	13mm f/5.6 Nikkor AIS	1410 NAS	34	13,220.00	28mm f/3.5 PC-Nikkor	1024 NAS	41	\$1,410.00
CL-46	4465 NCP	50	\$421.00	16mm f/2.8D AF Fisheye-Nikkor AIS	1910 NAS	34	\$910.00	35mm f/2.8 PC-Nikkor 105mm f/4.5 UV Nikkor AIS	1025 NAS 1453 NAS	41 41	\$925.00 \$3,450.00
CL-47	$4466\mathrm{NCP}$	50	\$74.33	16mm f/2.8 Fisheye-Nikkor AIS	1408 NAS	34	\$980.00		110011110	**	40,100.00
CL-61A	4472 NAS	50	\$439.00	18mm f/2.8D AF Nikkor	1911 NAS	35	\$1,590.00	Lenses (Large Format) Nikkor AM 120mm f/5.6	1325 NAS	70	\$1,350.00
CL-64 CP-9	4527 NAS 4511 NCP	50 50	\$183.00 \$30.50	20mm f/2.8 AF Fisheye-Nikkor AIS	1912 NAS	35	\$735.00	Nikkor AM 210mm f/5.6	1326 NAS	70	\$2,840.00
CT-200 Trunk Case	4305 NAS	50	\$384.00	20mm f/2.8D AF	1912 IVAS	99	ф199.00	Nikkor ED 270mm f/6.3	1352 NAS	70	\$1,840.00
CT-304 Trunk Case	4443 NAS	50	\$520.00	Fisheye-Nikkor AIS	1913 NAS	35	\$735.00	Nikkor ED 360mm f/8	1353 NAS	70	\$2,380.00
CT-303 Trunk Case	4310 NAS	50	\$495.00	24mm f/2 Fisheye-Nikkor AIS	1417 NAS	35	\$905.00	Nikkor ED 500mm f/11 Nikkor ED 600mm f/9	1354 NAS 1355 NAS	70 70	\$2,460.00 \$3,410.00
CT-500 Trunk Case CT-602 Trunk Case	4441 NAS 4307 NAS	50 50	\$499.00 \$545.00	24mm f/2.8D AF Fisheye-Nikkor AIS	1919 NCP	35	\$491.00	Nikkor ED 720mm f/16	1357 NAS	70	\$2,650.00
CT-603 Trunk Case	4308 NAS	50	\$369.00	28mm f/1.4D AF Nikkor	1921 NAS	35	\$2,250.00	Nikkor ED 800mm f/12	$1356\mathrm{NAS}$	70	\$3,670.00
CT-604 Trunk Case	4442 NAS	50	\$590.00	28mm f/2 Nikkor AIS	1419 NAS	35	\$790.00	Nikkor ED 1200mm f/18	1364 NAS	70	\$3,930.00
CT-800 Trunk Case	4309 NAS	50	\$735.00	28mm f/2.8D AF Nikkor AIS	1922 NCP 1429 NAS	35 35	\$295.00 \$995.00	Nikkor M 200mm f/8	1322 NAS 1321 NAS	70 70	\$755.00 \$865.00
CZ-186 NO. 61	441 NAS 4301 NCP	50 50	\$467.00 \$39.00	35mm f/1.4 Nikkor AIS 35mm f/2 Nikkor AIS	1920 NCP	35 35	\$473.00	Nikkor M 300mm f/9 Nikkor M 450mm f/9	1323 NAS	70	\$1,490.00
NO. 62	4302 NCP	50	\$42.00	50mm f/1.2 Nikkor AIS	1435 NAS	36	\$615.00	Nikkor SW 65mm f/4	1341 NAS	70	\$1,340.00
NO. 63	4303 NCP	50	\$51.00	50mm f/1.4 AF Nikkor AIS	$1904\mathrm{NCP}$	36	\$348.00	Nikkor SW 75mm f/4	$1343\mathrm{NAS}$	70	\$1,510.00
Lens Hoods				50mm f/1.8 AF Nikkor AIS	1906 NCP	36	\$117.00	Nikkor SW 90mm f/4	1345 NAS	70	\$1,640.00
HB-1 Bayonet	4602 NCP	49	\$26.50	85mm f/1.4 Nikkor AIS 85mm f/1.8D Nikkor AIS	1450 NAS 1931 NCP	36 36	\$1,090.00 \$491.00	Nikkor SW 90mm f/8 Nikkor SW 120mm f/8	1344 NAS 1346 NAS	70 70	\$1,040.00 \$1,400.00
HB-2 Bayonet	$4603\mathrm{NCP}$	49	\$26.50	105mm f/1.8 Nikkor AIS	1457 NAS	36	\$905.00	Nikkor SW 150mm f/8	1351 NAS	70	\$2,760.00
HB-3 Bayonet	4604 NCP	49	\$26.50	105mm f/2D AF DC-Nikkor	$1932\mathrm{NAS}$	36	\$1,200.00	Nikkor W 105mm f/5.6	1309 NAS	70	\$625.00
HB-4 Bayonet	4610 NAS 4611 NCP	49 49	\$26.50 \$26.50	105mm f/2.5 Nikkor AIS	1456 NCP	36	\$464.00	Nikkor W 135mm f/5.6	1312 NAS	70	\$725.00
HB-5 Bayonet HB-6 Bayonet	4612 NCP	49	\$26.50	135mm f/2 AF-DC Nikkor AIS	1934 NAS 1462 NCP	37 37	\$1,400.00 \$464.00	Nikkor W 150mm f/5.6	1314 NAS 1316 NAS	70 70	\$685.00 \$795.00
HB-7 Bayonet	4614 NAS	49	\$36.00	135mm f/2.8 Nikkor AIS 180mm f/2.8N ED-IF	1402 NOF	91	φ404.00	Nikkor W 180mm f/5.6 Nikkor W 210mm f/5.6	1318 NAS	70	\$830.00
HK-2 Slip-on	551 NAS	49	\$38.00	AF Nikkor AIS	1939 NAS	37	\$1,050.00	Nikkor W 240mm f/5.6	1319 NAS	70	\$1,460.00
HK-5 Slip-on	554 NAS	49	\$84.50	200mm f/2 ED-IF Nikkor AIS	1465 NAS	37	\$5,290.00	Nikkor W 300mm f/5.6	$1320\mathrm{NAS}$	70	\$1,930.00
HK-9 Slip-on HK-11 Slip-on	563 NAS 553 NCP	49 49	\$68.50 \$38.00	300mm f/2.8D ED-IF AF-1 Nikkor AIS	1942 NAS	37	\$5,790.00	Nikkor W 360mm f/5.6	1327 NAS	70	\$2,050.00
HK-14 Slip-on	559 NAS	49	\$46.00	300mm f/4 ED-IF AF	101211110	91	φο,100.00	Accessories for Large Format Le	nses		
HK-15 Slip-on	4600 NAS	49	\$54.00	Nikkor AIS	1946 NAS	37	\$1,310.00	Rear Lens Unit 360mm	1050 1110	50	4505.00
HK-16 Slip-on	4601 NCP	49	\$54.00	400mm f/2.8 ED-IF Nikkor AIS	1499 NAS	37 38	\$8,600.00 \$10,000.00	ED Nikkor-T Rear Lens Unit 500mm	1358 NAS	70	\$565.00
HK-17 Slip-on HK-18 Slip-on	4608 NAS 4615 NAS	49 49	\$396.00 \$835.00	400mm f/2.8D ED-IF AF-1 Nikko 400mm f/3.5 ED-IF Nikkor AIS	1473 NAS	38	\$5,440.00	ED Nikkor-T	1359 NAS	70	\$655.00
HK-19 Slip-on	4616 NAS	49	\$432.00	400mm f/5.6 ED-IF Nikkor AIS	1489 NAS	38	\$2,610.00	Rear Lens Unit 600mm	1000 1110	50	AE 45 00
HN-1 Screw-in	508 NCP	49	\$26.50	500mm f/4 P ED-IF Nikkor AIS	1447 NAS	38	\$5,890.00	ED Nikkor-T Rear Lens Unit 720mm	1360 NAS	70	\$745.00
HN-2 Screw-in	509 NCP	49	\$26.50	600mm f/4D ED-IF AF-1 Nikkor AIS	1951 NAS	38	\$11,190.00	ED Nikkor-T	1362 NAS	70	\$830.00
HN-3 Screw-in	510 NCP 523 NAS	49 49	\$26.50 \$30.50	600mm f/4N ED-IF Nikkor AIS	1492 NAS	38	\$8,770.00	Rear Lens Unit 800mm	1001 1110	E0.	400= 00
HN-9 Screw-in HN-12 Screw-in	518 NAS	49	\$42.00	600mm f/5.6N ED-IF Nikkor AIS		38	\$5,770.00	ED Nikkor-T Rear Lens Unit 1200mm	1361 NAS	70	\$865.00
HN-13 Screw-in	539 NAS	49	\$46.00	800mm f/5.6 ED-IF Nikkor AIS	1446 NAS	38	\$7,330.00	ED Nikkor-T	1363 NAS	70	\$1,110.00
HN-20 Screw-in	562 NAS	49	\$34.50	500mm f/8N Reflex-Nikkor	953 NCP 952 NAS	39 39	\$980.00 \$2,130.00	Screw-on Cap f/Rear Lens	1000 1110	=0	410.50
HN-22 Screw-in	566 NAS 565 NCP	49 49	\$30.50 \$34.50	1000mm f/11N Reflex-Nikkor 2000mm f/11 Reflex-Nikkor	978 NAS	39	Call	unit (repl) 36mm Screw-on Cap f/Rear Lens	1338 NAS	70	\$13.50
HN-23 Screw-in HN-24 Screw-in	567 NCP	49	\$30.50	20-35mm f/2.8D AF Zoom-Nikko		39	\$2,230.00	unit (repl) 58mm	1339 NAS	70	\$23.50
HN-26 Screw-in	568 NAS	49, 52	\$51.00	24-50mm f/3.3-4.5	1054 NOD	00	e==0.00	Slip-on Lens Cap (repl) 42mm	$1330\mathrm{NAS}$	70	\$7.00
HN-27 Screw-in	558 NCP	49	\$26.50	AF Zoom-Nikkor AIS 28-70mm f/3.5-4.5D	1954 NCP	39	\$550.00	Slip-on Lens Cap (repl) 54mm	1331 NAS	70	\$7.00
HN-28 Screw-in	572 NAS	49 49	\$44.00 \$54.00	AF Zoom-Nikkor AIS	$1956\mathrm{NCP}$	39	\$540.00	Slip-on Lens Cap (repl) 60mm Slip-on Lens Cap (repl) 70mm	1332 NAS 1333 NAS	70 70	\$8.50 \$8.50
HN-29 Screw-in HR-1 Rubber Screw-in	4613 NAS 537 NCP	49	\$16.00	28-85mm f/3.5-4.5	1050 NOD	20	eece 00	Slip-on Lens Cap (repl) 80mm	1334 NCP	70	\$10.00
HR-2 Rubber Screw-in	538 NAS	49	\$19.00	AF Zoom Nikkor AIS 35-70mm f/2.8D AF Zoom-Nikko	1959 NCP 1963 NAS	39 40	\$565.00 \$945.00	Slip-on Lens Cap (repl) 85mm	$1335\mathrm{NAS}$	70	\$11.00
HS-7 Snap-on	541 NAS	49	\$38.00	35-80mm f/4-5.6D	1 100011110	10	ψ010.00	Slip-on Lens Cap (repl) 100mm		70	\$13.50
HS-9 Snap-on	543 NAS	49 49	\$38.00 \$38.00	AF Zoom-Nikkor AIS	1970 NCP	40	\$134.00	Slip-on Lens Cap (repl) 31.5mn MC-17s Multi-Motor Cord	1337 NAS 138 NAS	70 10	\$8.50 \$99.00
HS-10 Snap-on HS-11 Snap-on	545 NAS 546 NCP	49	\$40.00	35-105mm f/3.5-4.5 AF Zoom Nikkor AIS	1967 NCP	40	\$575.00	MC-20 Remote Cord	4650 NAS	15, 68	\$147.00
HS-12 Snap-on	547 NAS	49	\$38.00	35-135mm f/3.5-4.5 SN	1907 1101	40	φοτοιοο	MC-21 Extension Cord	4651 NAS	15	\$86.50
HS-14 Snap-on	$555\mathrm{NCP}$	49	\$38.00	AF Zoom-Nikkor AID	1969 NCP	40	\$615.00	MC-22 Remote Cord	4652 NCP	15	\$68.00
Lenses (Close-up)				35-200mm f/3.5-4.5 Zoom-Nikkor AIS	1445 NAS	40	\$1,150.00	MC-23 Connecting Cord MC-25 Adapter Cord	4653 NAS 4655 NAS	15 15	\$86.50 \$77.50
Close-up Lens No. 0 IC 52mm			V	50-300mm f/4.5- ED	THOMAS	40	φ1,100.00	MC-27 Connecting Cord	4657 NAS	14	\$132.50
(0.7 Diopter)	2732 NCP	66	\$57.00	Zoom-Nikkor AIS	1483 NAS	40	\$3,560.00	MF-4 250 Exposure			
Close-up Lens No. 1 IC 52mm (1.5 Diopter)	2733 NCP	66	\$57.00	70-210mm f/4-5.6D AF Zoom-Nikkor AIS	1979 NCP	40	\$445.00	Magazine Back	134 NAS	10	\$1,630.00
Close-up Lens No. 2 IC 52mm				75-300mm f/4.5-5.6	10101101	40	φτισ.00	MF-17 Sync Cord MF-6B Auto Film Stop Back	2069 NAS 136 NAS	11 10	\$23.50 \$169.00
(3.0 Diopter)	2734 NCP	66	\$57.00	AF Zoom-Nikkor AIS	1982 NCP	40	\$745.00	MF-14 Data Back	4411 NAS	11	\$303.00
Close-up Lens No. 3T IC 52mm (1.5 Diopter)	2736 NCP	66	\$57.00	80-200mm f/2.8D AF ED-IF	1985 NAS r 1490 NAS	40 40	\$1,370.00 Call	MF-16 Data Back	$4526\mathrm{NCP}$	26	\$303.00
Close-up Lens No. 4T IC 52mm				180-600mm f/8 ED Zoom-Nikko 1200-1700mm f/5.6-8 ED	r 1490 NAS	40	Can	MF-17 150 Exposure Data	140 MAG	11	¢C 440 00
(3.0 Diopter)	2737 NCP	66	\$57.00	Zoom-Nikkor	$1448\mathrm{NAS}$	40	Call	Back Set MF-17 Memo Plate Set	140 NAS 2073 NAS	11 11	\$6,440.00 \$8.00
Close-up Lens No. 5T IC 62mm (1.5 Diopter)	4536 NCP	66	\$72.50	58mm f/1.2 Noct-Nikkor	$1439\mathrm{NAS}$	40	\$1,990.00	MF-18 Data Back	4566 NAS	11	\$382.00
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								*Subject to available inventory.			
								** Special order.			
								All prices and specifications sub	ject to change	without not	tice.
								- construction (1959-1968)			

Product		Product #	Page #	Price†	Product	Product #	Page #	Price†	Product	Product #	Page #	Price†
MF-22 Data Back		4622 NAS	6	\$243.00	62mm Adapter Ring				Clearwater GX	53332 NCP	86	\$200.00
MF-23 Multi-Conti	rol Back	4623 NAS	6	\$850.00	for SB-21 (repl)	4599 NAS	62	\$21.50	Crete	55440 NCP	87	\$135.00
MF-24 250 Exposu					AA Battery Holder (repl)	3064 NCP	59	\$23.50	Hampton	52320 NCP	86	\$185.00
Multi-Control B		4624 NAS	6	\$8,220.00	AA Battery Holder MS-5 (repl)	4552 NCP	59	\$21.50	Hatteras	51220 NCP	86	\$225.00
MF-25 Multi-Conti		4625 NAS	15	\$165.00	AA Battery holder MS-6 (repl)	4553 NAS	62	\$21.50	Mazatlan	55450 NCP	87	\$135.00
MF-26 Multi-Contr		4626 NAS	14, 15	\$343.00	AC Power Pack LA-2 (requires				Monterey	52311 NCP	86	\$185.00
MK-1 Firing Rate (Converter	121 NAS	10	\$251.00	SC-21 power cord)	4506 NAS	62	\$407.00	Navigator GX	53054 NCP	86	\$180.00
ML-3 Modulite	10.4	ACAT NIAC	15 00	4041.00	Adapter Ring UR-3 (req. w/60mn		00	400 =0	Outbound	54382 NCP	87	\$110.00
Remote Control		4645 NAS	15, 68	\$241.00	Micro for AF Operation) C-Cell Battery Pack SD-7 for SB-	2396 NAS	62	\$32.50	Prescott	52390 NCP	86	\$185.00
MR-3 Motor Termi MZ-1 250 Exposure		4563 NCP	10, 68 7, 11	\$54.00 \$81.50	(repl.—comes with SC-16	14			Soho	52022 NCP	86	\$185.00
MZ-1 Bulk Film Lo		2080 NAS	11	\$375.00	Power Cord)	$4520\mathrm{NCP}$	58, 59, 62, 63	\$220.00	Solitude	54350 NCP	87	\$110.00
MZ-1 Film Cassett		2079 NAS	11	\$23.50	Case for Controller Unit SS-17		,,	,	Vitals V-round	55540 NCP	87	\$79.00
	Сороог	201011120	11	Ψ20.00	(repl)	4554 NAS	62	\$13.50	Vitals V-round (metal)	55510 NCP	87	\$99.00
Power Sources					Case for Flash Unit SS-21 (repl)	4723 NAS	62	\$17.50	Vitals V-wrap	55520 NCP	87	\$79.00
AS-1 Coupler		362 NAS	64	\$42.50	Controller/Power Packs AS-12	4565 NAS	co	\$401.00	Teleconverters			
AS-2 Coupler		363 NAS	64	\$51.00	for SB-21A (repl) Controller/Power Packs AS-12	4000 NAS	62	\$421.00	TC-14A 1.4 x Teleconverter for			
AS-3 Coupler		353 NAS	64	\$57.00	for SB-21B (repl)	4566 NAS	62	\$382.00	Nikkor AF/AIS lenses			
AS-4 Coupler AS-5 Coupler		354 NAS 3059 NAS	64 64	\$42.50 \$61.00	DC Power Pack LD-2 (requires	10001410	02	φουΔ.00	200mm or less	1400 NCP	48	\$366.00
AS-6 Coupler		3060 NAS	64	\$72.50	SC-21 power cord)	4505 NAS	62	\$276.00	TC-14B 1.4x Teleconverter for			
AS-7 Coupler		3065 NAS	64	\$123.00	Flash Cord SC-11 for SB-14 (repl)	3056 NCP	59, 62, 64	\$20.00	Nikkor AF/AIS lenses 300mm or more	1401 NAS	48	\$760.00
AS-10 TTL Multi-F	lash Adapter	4560 NCP	63	\$57.00	Flash Sync Cord SC-11 for				TC-14E 1.4x Teleconverter for	140111110	40	\$100.00
AS-11 Flash Tripod		4561 NAS	63	\$57.00	SB-11 (repl)	$3056\mathrm{NCP}$	59, 62, 64	\$20.00	Nikkor AF-1 lenses	1995 NAS	48	\$635.00
AS-15 Hot Shoe Ad		3066 NCP	64, 69	\$21.00	High Performance Battery Pack SD-8	4720 NCP	58, 59, 63	\$184.00	TC-20E 2x Teleconverter for			
DB-6 External Batt	tery Pack	3069 NAS	7, 15, 69	\$336.00	Mounting Bracket SK-4 (repl)	369 NCP	50, 59, 65 59	\$84.50	Nikkor AF-1 lenses	1997 NAS	48	\$715.00
MA-4 AC/DC Conve	erter	42 NAS	7, 10	\$1,000.00	Mounting Bracket SK-5 (repl)	4539 NAS	59, 62	\$88.50	TC-201 2x Teleconverter for			
MB-10 Multi-Power	r Vertical Grip	4627 NAS	14	\$182.50	Power Cord SC-16 for SD-7 (repl)		59, 64	\$54.00	Nikkor AF/AIS lenses 200mm or less	1403 NCP	48	\$966.00
MB-20 Compact A	A Type				Power Cord SC-21	4534 NAS	62	\$54.00	TC-301 2x Teleconverter for	1409 NOF	40	\$366.00
Battery Pack	D D .I	4631 NAS	7	\$64.50	SB-11	311 NCP	59	\$491.00	Nikkor AF/AIS lenses 300mm			
MB-21 High Speed		4632 NAS	7	\$229.00	SB-14	4525 NAS	59	\$780.00	or more	1404 NAS	48	\$760.00
MB-22 External Po MB-23 Multi-Power		4033 NAS	7	\$525.00	SB-14 Speedlight Flash Head			W 100000	Touch Cameras			
Battery Pack	r riigh speed	4634 NAS	7	\$565.00	(repl)	4514 NAS	59	\$453.00	Lite-Touch Zoom 70	1838 NCP	72	\$240.00
MC-11 Power Conn	necting	100111110		φουσ.00	SB-16A	4542 NAS	59	\$404.00	Lite-Touch Zoom 105	1842 NCP	73	\$323.00
Cord for MD-4		132 NAS	7, 10	\$65.50	SB-16A Coupler to F3 (repl) AS-8		59, 64	\$255.00	Lite-Touch Zoom 105 Quartz Date		73	\$337.00
MC-28 External Po	wer Cord	4658 NAS	7,69	\$121.00	SB-16B	4543 NCP	59	\$377.00	Nice-Touch 3	1864 NCP	73	\$63.50
MC-29 External Po	wer Cord	$4659\mathrm{NAS}$	15, 69	\$102.00	SB-16B Coupler to ISO shoe (repl) AS-9	4545 NCP	59,64	\$223.00		9652 NCP	72	\$136.00
MD-4 Motor Drive		120 NAS	9	\$550.00	SB-20	4700 NCP	58	\$291.00	One-Touch Zoom	1852 NCP	73	\$185.00
MD-12 Motor Drive		102 NCP	26	\$450.00	SB-21A TTL Macro Speedlight	11001101	90	ΨΔ01.00	One-Touch Zoom Quartz Date	1853 NCP	73	\$199.00
MH-2 Nicad Batter		126 NAS	10	\$283.00	(F3 shoe version)	4701 NAS	67	\$595.00	Zoom-Touch 105 VR QD	1834 NCP	75	\$495.00
MH-20 Nicad Batte		112 NAS	7	\$396.00	SB-22	$4703\mathrm{NCP}$	58	\$189.00		1832 NCP	74	\$240.00
MN-2 NiCad Batter MN-20 NiCad Batte		125 NAS	10	\$237.00	SB-23	4704 NCP	58	\$147.00		1833 NCP	74	\$255.00
MS-10 Battery Tray		111 NAS 4628 NAS	7 14	\$212.00	SB-26	4707 NAS	58	\$469.00		1830 NCP	74	\$211.00
MS-11 Battery Tray		4629 NAS	14	\$23.50 \$30.00	SB-140 UV-IR	4512 NAS	62	\$720.00		1831 NCP	74	\$225.00
MS-21 AA Battery I		4637 NAS	7	\$19.50	SC-23 TTL Sync Cord	4562 NCP	59, 64	\$191.00	Lite-Touch Lite-Touch Quartz Date	1815 NCP	74	\$164.00
MS-23 6-Piece AA I			7	\$42.50	Sensor Unit SU-3 (repl)	** NAS	62	4100.00	One-Touch 300	1816 NCP 1851 NCP	74 75	\$178.00 \$112.00
SK-6 Power Bracke		4724 NAS	63	\$390.01	Sensor Unit SU-2 (repl) Soft Case SS-16 (repl)	3055 NCP 4551 NCP	59, 64 59	\$102.00 \$23.00		1863 NCP	75	\$85.50
SC-12 TTL Remote	Cord	$356\mathrm{NCP}$	64	\$229.00	Soft Case SS-20 (repl)	4605 NCP	58	\$13.50		10001101	10	φουίου
SC-13 Sensor Remo	ote	313 NCP	64	\$149.00	Soft Case SS-22 (repl)	4606 NCP	58	\$13.50	Underwater Nikonos			
SC-14 TTL Remote		3061 NAS	63,64	\$96.00	Soft Case SS-23 (repl)	4607 NCP	58	\$13.50	13mm f/2.8 R-UW AF	11010 NOD	70	40.400.00
SC-15 Coiled Sync (4524 NCP	64	\$30.50	Soft Case SS-24 (repl)	4609 NAS	58	\$15.50			78 80	\$2,400.00
SC-17 TTL Remote		4557 NCP	63,64	\$84.50	SW-5UV Adapter (repl)	** NAS	62				80	\$1,960.00 \$855.00
SC-18 TTL Multi-Fla			63	\$46.00	SW-5V Visible Ray Adapter (repl)	** NAS	62		20mm-35mm f/2.8 R-UW	10314 NOF	00	00.6600
SC-19 TTL Multi-Fla			63	\$57.00	SW-51R Infrared Adapter (repl)	** NAS	62			11012 NCP	78	\$3,510.00
SC-24 TTL Remote	Cord	3067 NAS	63	\$87.00	TTL Macro Speedlight SB-21B	45003710	-		28mm f/2.8 R-UW AF Nikkor	11010 NCP	78	\$945.00
Remote Control				- 1	(ISO shoe version)	4702 NAS	67	\$565.00	28mm f/3.5 UW-Nikkor IC	10310 NCP	80	\$436.00
AH-3 Tripod Mount	ing Adapter	4580 NCP	68	\$42.50	Wide Angle Flash Adapter SW-3 (repl)	3057 NCP	59	\$13.50		10311 NCP	80	\$211.00
Cable Release AR-1	10	2670 NAS	67,68	\$111.00	Wide Angle Flash Adapter	9091 NOI	99	φ10.00	50mm f/2.8 R-UW AF			
Intervalometer MT		128 NCP	68	\$1,490.00	SW-5 (repl)	4522 NAS	59	\$23.50			78	\$1,490.00
MC-26 Adapter Cor		4656 NAS	68	\$77.50	Wide Angle Flash Adapter			,			80	\$436.00
ML-2 Modulite Ren		4041 NOD	00	4407.00	SW-7 (repl)	$4550\mathrm{NCP}$	59	\$13.50			78 78	\$38.00
Control Set ML-3 Modulite		4641 NCP	68	\$495.00	Wide Flash Adapter SW-8 (repl)	4546 NAS	62	\$25.00			79	\$325.00 \$474.00
Remote Control S	Set	4645 NAS	15,68	\$241.00	Spotting Scopes						76	\$3,380.00
MR-3 Motor Termin		4563 NCP	10, 68	\$54.00	15-45x60 RC	7835 NCP	85	\$629.99			79	\$705.00
Modulite Remote Co			68	\$15.00	15-45x60 RC Angled	7501 NCP	85	\$658.00			79	\$705.00
Motor Remote Cord					20x60 RC	7834 NCP	85	\$426.00			80	\$1,480.00
Banana Plug MC	-4A (3')	4583 NCP	68	\$49.50	20x60 RC Angled	7500 NCP	85	\$456.00			80	\$77.50
Motor Remote	10	101 NOD	00	405 50	Spotter XL Outfit	6901 NCP	85	\$757.99			78	\$165.00
Trigger Cord MC- Motor Remote Trigg		131 NCP	68	\$65.50	Spotter XL Outfit with Case	7900 NCP	85	\$690.01			78	\$245.00
MC-12A (10')		4586 NCP	68	\$80.00	Sunglasses						78	\$190.00
Wireless Radio Rem		10001101	00	400.00	Avalanche CE	54252 NCP	87	\$110.00			80	\$177.00
Control Set MW-2	2	141 NCP	68	\$2,540.00	Avalanche GX	53253 NCP	86	\$145.00	on-104 Moad Charger	11212 NCP	80	\$381.00
Wireless Radio Rem		140 MCD	co	¢1 970 00		51004 NCP		\$300.00				
Set MW-2 Transn	unter (repl)	143 NCP	68	\$1,270.00		55400 NCP		\$125.00				
Speedlights and Acc	essories				Berkeley	52231 NCP		\$185.00				
52mm Adapter Ring		45003110	00	404 ==		55420 NCP		\$125.00				
for SB-21 (repl)		4598 NAS	62	\$21.50	DIBOU	54341 NCP	01	\$110.00				
									† Suggested List Price.			

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** NAS	SW-51R Infrared Adapter (repl)	62		563 NAS	HK-9 Slip-on	49	\$68.50	1335 NAS	Slip-on Lens Cap (repl) 85mm	70	\$11.00
** NAS	SW-5UV Adapter (repl)	62		565 NCP	HN-23 Screw-in	49	\$34.50	1335 NCP	85mm Slip-on Front Lens Cap		
*ION NAS	SW-5V Visible Ray Adapter (repl)	62	V	566 NAS	HN-22 Screw-in	49	\$30.50	400001140	for 500mm f/8N Relex	49	\$11.00
42 NAS	MA-4 AC/DC Converter	7,10	\$1,000.00	567 NCP	HN-24 Screw-in	49	\$30.50	1336 NAS	Slip-on Lens Cap (repl) 100mm	70	\$13.50
102 NCP	MD-12 Motor Drive	26	\$450.00	568 NAS	HN-26 Screw-in	49, 52	\$51.00	1337 NAS 1338 NAS	Slip-on Lens Cap (repl) 31.5mm Screw-on Cap f/Rear Lens unit	70	\$8.50
111 NAS 112 NAS	MN-20 NiCad Battery Pack MH-20 Nicad Battery Charger	7	\$212.00 \$396.00	572 NAS 574 NCP	HN-28 Screw-in	49	\$44.00	1558 NAS	(repl) 36mm	70	\$13.50
120 NAS	MD-4 Motor Drive	9	\$550.00	5/4 NCF	34.5mm Snap-on Lens Cap f/EL-Nikkor (repl)	71	\$9.50	1339 NAS	Screw-on Cap f/Rear Lens unit	10	\$15.50
121 NAS	MK-1 Firing Rate Converter	10	\$251.00	576 NCP	43mm Snap-on Lens Cap		ψο.50		(repl) 58mm	70	\$23.50
125 NAS	MN-2 NiCad Battery Unit	10	\$237.00		f/EL-Nikkor	71	\$9.50	1341 NAS	Nikkor SW 65mm f/4	70	\$1,340.00
126 NAS	MH-2 Nicad Battery Unit	10	\$283.00	577 NCP	40.5mm Snap-on Lens Cap	71	40.50	1343 NAS	Nikkor SW 75mm f/4	70	\$1,510.00
128 NCP	Intervalometer MT-2	68	\$1,490.00	ETO NIAC	f/EL-Nikkor	71	\$9.50	1344 NAS 1345 NAS	Nikkor SW 90mm f/8	70	\$1,040.00
131 NCP	Motor Remote Trigger Cord MC-10	68	\$65.50	578 NAS	77mm Snap-on Front Lens Cap for 80-200mm f/2.8 AF and			1345 NAS 1346 NAS	Nikkor SW 90mm f/4 Nikkor SW 120mm f/8	70 70	\$1,640.00 \$1,400.00
132 NAS	MC-11 Power Connecting Cord	7.10	00E E0		20-35mm f/2.8D AF	49	\$20.00	1351 NAS	Nikkor SW 150mm f/8	70	\$2,760.00
134 NAS	for MD-4 MF-4 250 Exposure Magazine Back	7, 10	\$65.50 \$1,630.00	581 NCP	52mm Snap-on Front Lens Cap	49	\$13.00	1352 NAS	Nikkor ED 270mm f/6.3	70	\$1,840.00
136 NAS	MF-6B Auto Film Stop Back	10	\$169.00	584 NAS	90mm Slip-on Front Lens Cap	10	AF0 F0	1353 NAS	Nikkor ED 360mm f/8	70	\$2,380.00
138 NAS	MC-17s Multi-Motor Cord	10	\$99.00	EOO NIAC	for 15mm f3.5	49	\$50.50	1354 NAS	Nikkor ED 500mm f/11	70	\$2,460.00
140 NAS	MF-17 150 Exposure Data Back Set		\$6,440.00	593 NAS	Front Lens Cover for 300mm/f2.8D AF-I	49	\$91.50	1355 NAS	Nikkor ED 600mm f/9	70	\$3,410.00
141 NCP	Wireless Radio Remote Control			594 NAS	Front Lens Cover for	10	401.00	1356 NAS	Nikkor ED 800mm f/12	70	\$3,670.00
140 MOD	Set MW-2	68	\$2,540.00		600mm/f4D AF-I	49	\$127.00	1357 NAS	Nikkor ED 720mm f/16	70	\$2,650.00
143 NCP	Wireless Radio Remote Control Set MW-2 (repl)	68	\$1,270.00	597 NAS	61mm Snap-on Front	10	400 F0	1358 NAS	Rear Lens Unit 360mm ED Nikkor-T	70	\$565.00
209 NCP	EL-Nikkor 40mm f/2.8	71	\$305.50	FOONIAG	Lens Cap for 16mm f2.8N	49	\$30.50	1359 NAS	Rear Lens Unit 500mm	10	φουο.υυ
210 NCP	EL-Nikkor 50mm f/2.8	71	\$210.50	598 NAS	BF-2 Front Mount Cap for TC-2, 300, 301	49	\$30.50	100011120	ED Nikkor-T	70	\$655.00
211 NCP	EL-Nikkor 63mm f/2.8	71	\$300.00	600 NCP	62mm Snap-on Front Lens Cap	49	\$13.50	1360 NAS	Rear Lens Unit 600mm		
212 NCP	EL-Nikkor 80mm f/5.6	71	\$278.50	601 NCP	72mm Snap-on Front Lens Cap	49	\$15.50	10013110	ED Nikkor-T	70	\$745.00
213 NCP	EL-Nikkor 105mm f/5.6	71	\$337.00	603 NAS	Front Lens Cover for 300mm/f2,			1361 NAS	Rear Lens Unit 800mm ED Nikkor-T	70	\$865.00
224 NCP	EL-Nikkor 75mm f/5.6	71	\$217.00		600mm/f4	49	\$81.50	1362 NAS	Rear Lens Unit 720mm	10	φουσ.υυ
251 NAS	EL-Nikkor 135mm f/5.6	71	\$498.50	607 NCP	LF-1 Rear Lens Cap for all	49	\$10.00	1002111	ED Nikkor-T	70	\$830.00
252 NAS 253 NAS	EL-Nikkor 150mm f/5.6	71	\$1,028.50	611 NAS	F-Mount Lenses BF-3 Front Mount Cap for TC-14,	49	\$10.00	1363 NAS	Rear Lens Unit 1200mm		12000000000
254 NAS	EL-Nikkor 180mm f/5.6 EL-Nikkor 210mm f/5.6	71 71	\$942.00 \$1,105.50	OTTIVES	14B, 14E, 20E	49	\$30.50	10011110	ED Nikkor-T	70	\$1,110.00
255 NAS	EL-Nikkor 240mm f/5.6	71	\$2,393.50	612 NCP	BF-1A Lens Mount Cap for		0.0000000000000000000000000000000000000	1364 NAS 1400 NCP	Nikkor ED 1200mm f/18 TC-14A 1.4 x Teleconverter	70	\$3,930.00
256 NAS	EL-Nikkor 300mm f/5.6	71	\$2,868.00		SLR Camera	49	\$10.00	1400 NCP	for Nikkor AF/AIS lenses		
311 NCP	SB-11	59	\$491.00	621 NAS	122mm Screw-in Front Lens Cap	49	\$76.50		200mm or less	48	\$366.00
$313\mathrm{NCP}$	SC-13 Sensor Remote	64	\$149.00	626 NAS	95mm Screw-in Front Lens Cap for 50-300mm f4.5	49	\$40.00	1401 NAS	TC-14B 1.4x Teleconverter		
353 NAS	AS-3 Coupler	64	\$57.00	629 NAS	Front Lens Cover for ED lenses	10	\$40.00		for Nikkor AF/AIS lenses	40	\$700.00
354 NAS	AS-4 Coupler	64	\$42.50	0001120	(f/200/2; f/300/2.8; f/600/5.6)	49	\$76.50	1402 NAS	300mm or more 8mm f/2.8 Fisheye-Nikkor AIS	48 34	\$760.00 \$2,110.00
356 NCP	SC-12 TTL Remote Cord	64	\$229.00	631 NAS	Front Lens Cover for 400mm/f2.8	49	\$84.50	1403 NCP	TC-201 2x Teleconverter	94	φ2,110.00
362 NAS 363 NAS	AS-1 Coupler AS-2 Coupler	64 64	\$42.50 \$51.00	635 NCP	AN-1	69	\$23.50	11051101	for Nikkor AF/AIS lenses		
369 NCP	Mounting Bracket SK-4 (repl)	59	\$84.50	638 NCP	AN-4Y	69	\$23.50		200mm or less	48	\$366.00
422 NCP	CS-7	29	\$42.00	639 NCP 649 NAS	AN-4B AH-4	69 69	\$23.50 \$82.00	1404 NAS	TC-301 2x Teleconverter		
425 NCP	CS-8	29	\$46.00	664 NCP	Cable Release AR-3	68	\$20.00		for Nikkor AF/AIS lenses 300mm or more	48	\$760.00
$426\mathrm{NCP}$	CS-9	29	\$51.00	668 NAS	Cable Release AR-7	67, 68	\$76.50	1405 NAS	6mm f/2.8 Fisheye-Nikkor AIS	34	*
427 NCP	CS-10	29	\$57.00	669 NCP	Cable Release Adapter AR-8	69	\$6.25	1408 NAS	16mm f/2.8 Fisheye-Nikkor AIS	34	\$980.00
431 NCP	CL-20A	50	\$81.50	673 NCP	NS-1	69	\$13.00	1410 NAS	13mm f/5.6 Nikkor AIS	34	13,220.00
436 NCP	CL-11 CZ-186	50 50	\$83.00	780 NCP	7x35 E Criterion	84	\$529.99	1412 NAS	15mm f/3.5 Nikkor AIS	34	\$2,500.00
441 NAS 461 NCP	Plastic Case f/50mm	90	\$467.00	782 NCP	8x30 E Criterion	84	\$579.98	1417 NAS	24mm f/2 Fisheye-Nikkor AIS	35	\$905.00
4011101	EL-Nikkor (repl)	71	\$13.50	784 NCP	10x35 E Criterion	84	\$630.02	1419 NAS 1429 NAS	28mm f/2 Nikkor AIS 35mm f/1.4 Nikkor AIS	35 35	\$790.00 \$995.00
475 NCP	CL-29	50	\$149.00	952 NAS 953 NCP	1000mm f/11N Reflex-Nikkor 500mm f/8N Reflex-Nikkor	39 39	\$2,130.00 \$980.00	1425 NAS	50mm f/1.2 Nikkor AIS	36	\$615.00
485 NCP	CL-17	50	\$74.50	978 NAS	2000mm f/11 Reflex-Nikkor	39	Call	1439 NAS	58mm f/1.2 Noct-Nikkor	40	\$1,990.00
486 NCP	CL-13A	50	\$42.00	983 NAS	120mm f/4 IF Medical-Nikkor Set	41,65	\$1,880.00	1442 NAS	55mm f/2.8 Micro-Nikkor AIS		35 \$439.00
507 NCP	AN-6Y	69	\$22.50	1024 NAS	28mm f/3.5 PC-Nikkor	41	\$1,410.00	1445 NAS	35-200mm f/3.5-4.5	10.000	
508 NCP 509 NCP	HN-1 Screw-in	49 49	\$26.50	1025 NAS	35mm f/2.8 PC-Nikkor	41	\$925.00		Zoom-Nikkor AIS	40	\$1,150.00
510 NCP	HN-2 Screw-in HN-3 Screw-in	49	\$26.50 \$26.50	1309 NAS	Nikkor W 105mm f/5.6	70	\$625.00	1446 NAS	800mm f/5.6 ED-IF Nikkor AIS	38	\$7,330.00
518 NAS	HN-12 Screw-in	49	\$42.00	1312 NAS	Nikkor W 135mm f/5.6	70	\$725.00	1447 NAS	500mm f/4 P ED-IF Nikkor AIS 1200-1700mm f/5.6-8	38	\$5,890.00
523 NAS	HN-9 Screw-in	49	\$30.50	1314 NAS	Nikkor W 150mm f/5.6	70	\$685.00	1448 NAS	ED Zoom-Nikkor	40	Call
537 NCP	HR-1 Rubber Screw-in	49	\$16.00	1316 NAS 1318 NAS	Nikkor W 180mm f/5.6 Nikkor W 210mm f/5.6	70 70	\$795.00 \$830.00	1450 NAS	85mm f/1.4 Nikkor AIS	36	\$1,090.00
538 NAS	HR-2 Rubber Screw-in	49	\$19.00	1319 NAS	Nikkor W 240mm f/5.6	70	\$1,460.00	1453 NAS	105mm f/4.5 UV Nikkor AIS	41	\$3,450.00
539 NAS	HN-13 Screw-in	49	\$46.00	1320 NAS	Nikkor W 300mm f/5.6	70	\$1,930.00	1456 NCP	105mm f/2.5 Nikkor AIS	36	\$464.00
541 NAS	HS-7 Snap-on	49	\$38.00	1321 NAS	Nikkor M 300mm f/9	70	\$865.00	1457 NAS	105mm f/1.8 Nikkor AIS	36	\$905.00
543 NAS 545 NAS	HS-9 Snap-on HS-10 Snap-on	49 49	\$38.00	1322 NAS	Nikkor M 200mm f/8	70	\$755.00	1462 NCP	135mm f/2.8 Nikkor AIS	37	\$464.00
546 NCP	HS-11 Snap-on	49	\$38.00 \$40.00	1323 NAS	Nikkor M 450mm f/9	70	\$1,490.00	1465 NAS 1468 NAS	200mm f/2 ED-IF Nikkor AIS Micro-Nikkor 200mm f/4 IF	37 65	\$5,290.00 \$1,070.00
547 NAS	HS-12 Snap-on	49	\$38.00	1325 NAS	Nikkor AM 120mm f/5.6	70	\$1,350.00	1406 NAS 1473 NAS	400mm f/3.5 ED-IF Nikkor AIS	98 38	\$1,070.00
551 NAS	HK-2 Slip-on	49	\$38.00	1326 NAS 1327 NAS	Nikkor AM 210mm f/5.6 Nikkor W 260mm f/5.6	70 70	\$2,840.00	1483 NAS	50-300mm f/4.5-	90	φυ, 110.00
$553\mathrm{NCP}$	HK-11 Slip-on	49	\$38.00	1327 NAS 1330 NAS	Nikkor W 360mm f/5.6 Slip-on Lens Cap (repl) 42mm	70 70	\$2,050.00 \$7.00		ED Zoom-Nikkor AIS	40	\$3,560.00
554 NAS	HK-5 Slip-on	49	\$84.50	1331 NAS	Slip-on Lens Cap (repl) 42mm Slip-on Lens Cap (repl) 54mm	70	\$7.00	1489 NAS	400mm f/5.6 ED-IF Nikkor AIS	38	\$2,610.00
555 NCP	HS-14 Snap-on	49	\$38.00	1332 NAS	Slip-on Lens Cap (repl) 54mm	70	\$8.50	1490 NAS	180-600mm f/8 ED Zoom-Nikkor	40	Call
558 NCP	HN-27 Screw-in	49	\$26.50	1333 NAS	Slip-on Lens Cap (repl) 70mm	70	\$8.50	1492 NAS	600mm f/4N ED-IF Nikkor AIS	38	\$8,770.00
559 NAS	HK-14 Slip-on	49	\$46.00					1494 NAS	600mm f/5.6N ED-IF Nikkor AIS	38	\$5,770.00

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1499 I 1683 I		400mm f/2.8 ED-IF Nikkor AIS FM2N (Chrome Finish)	37 25	\$8,600.00 \$655.00	2279 NAS	AF-2 72mm Gelatin Filter Holder (with hood)	52	\$132.00	2556 NAS	Type E Focusing Screen (F3HP/F3/T)	55	¢60.00
16841		FM2N (Black Finish)	25	\$680.00	2291 NCP	CP-3 Filter case for all 52mm Filter		\$5.50	2557 NAS	Type G1 Focusing Screen	55	\$60.00
16851		FM2T Titanium Body	26	\$1,120.00	2292 NCP	CP-5 Filter case for all 72mm Filter	s 52	\$5.50	OFFONIAG	(fisheye F3HP/F3/T)	55	\$60.00
1691 I 1694 I		F3HP F3/T	9 11	\$1,510.00 \$1,810.00	2298 NAS	95mm Fitted case for all 95mm Filters	52	\$21.50	2558 NAS	Type G2 Focusing Screen (wideangle F3HP/F3/T)	55	\$60.00
17101		N50	23	\$535.00	2299 NAS	122mm Fitted case for all		0.0000000000000000000000000000000000000	2559 NAS	Type G3 Focusing Screen		
17681		N90s	12	\$1,210.00	2305 NAS	122mm Filters CA-2 Filter Pouch for all	52	\$30,50	2560 NAS	(F3HP/F3/T) Type G4 Focusing Screen	55	\$60.00
1769 I 1770 I		N90 N6006	17 21	\$1,210.00 \$560.00		39mm Filters	52	\$24.50		(F3HP/F3/T)	55	\$60.00
17911	NAS	F4S	4	\$2,640.00	2307 NCP	CA-1 Filter Pouch for all 52mm Filters	52	\$35,50	2561 NAS 2562 NAS	Type H1 (F3HP/F3/T) Type H2 (F3HP/F3/T)	55 55	\$60.00
1793 l 1815 l		N70	18	\$842.00	2326 NAS	DR-3 Right-Angle	02	φου.ου	2563 NAS	Type H3 (F3HP/F3/T)	55 55	\$60.00 \$60.00
18161		Lite-Touch Lite-Touch Quartz Date	74 74	\$164.00 \$178.00	2355 NCP	Viewing Attachment DG-2 Eveniece Magnifier	10, 54 11	\$209.00 \$84.50	2564 NAS	Type H4 (F3HP/F3/T)	55	\$60.00
18301		Zoom-Touch 470	74	\$211.00	2355 NCP	Eyepiece Magnifier DG-2	54	\$84.50	2565 NAS	Type J Focusing Screen (F3HP/F3/T)	55	\$60.00
1831 N 1832 N		Zoom-Touch 470 Quartz Date Lite-Touch Zoom	74 74	\$225.00 \$240.00	2362 NCP	Rubber Eyecup DK-3 for FM2,		19	$2566\mathrm{NAS}$	Type L Focusing Screen		
1833 N	VCP	Zoom-Touch 105 VR QD	75	\$255.00	2370 NCP	FE2, FA Eyepiece Adapter for	54	\$11.00	2567 NAS	(F3HP/F3/T) Type M Focusing Screen	55	\$60.00
1834 N		Lite-Touch Zoom Quartz Date	74	\$495.00	0077 NGD	N70/N6006/N6000, N5005, N2000		\$4.00		(F3HP/F3/T)	55	\$60.00
1838 N 1842 N		Lite-Touch Zoom 70 Lite-Touch Zoom 105	73 74	\$240.00 \$323.00	2377 NCP 2378 NCP	Filter Adapter Ring UR-1 CP-6 Filter case for all	52	\$23.50	2568 NAS	Type P Focusing Screen (F3HP/F3/T)	55	\$60.00
1843 N	ICP	Lite-Touch Zoom 105 Quart Date	74	\$337.00	54440000000000000000	62mm Filters	52	\$4.00	$2569\mathrm{NAS}$	Type R Focusing Screen		
1851 N 1852 N		One-Touch 300 One-Touch Zoom	75 75	\$112.00 \$185.00	2379 NAS 2382 NAS	DK-4 Rubber Eyecup DE-2 Eve Level Finder	11 10	\$11.00 \$269.00	2570 NAS	(F3HP/F3/T) Type T Focusing Screen	55	\$60.00
1853 N		One-Touch Zoom Quartz Date	75	\$199.00	2383 NAS	DW-3 Waist Level Finder	10	\$172.00		(F3HP/F3/T)	55	\$60.00
1863 N		Fun-Touch 3	75	\$85.50	2384 NAS	DW-4 6X Magnification Finder	10	\$435.00	2571 NAS	Type U Focusing Screen (F3HP/F3/T)	55	\$60.00
1864 N 1881 N		Nice-Touch 3 28Ti	75 27	\$63.50 \$1,220.00	2385 NAS 2386 NAS	DA-2 Action Finder DE-3 High-Eyepoint Finder	10 10	\$690.00 \$439.00	2572 NAS	Type S Focusing Screen		φ00.00
1904 N		50mm f/1.4 AF Nikkor AIS	36	\$348.00	$2393\mathrm{NAS}$	Rubber Eyecup DK-6 for			2581 NAS	(F3HP/F3/T) Type E Focusing Screen (N8008s)	55 55	\$60.00 \$40.00
1906 N 1910 N		50mm f/1.8 AF Nikkor AIS	36	\$117.00	2394 NAS	N90, N8008S Eyepiece Adapter DK-7 for	54	\$11.00	2582 NAS	Type B Focusing Screen (N8008s)	55 55	\$40.00
19101	(A)	16mm f/2.8D AF Fisheye-Nikkor AIS	34	\$910.00	20011110	F4S, N90s,N90, N8008S, F3HP			2583 NAS	Type E Focusing Screen		A41.00
1911 N		18mm f/2.8D AF Nikkor	35	\$1,590.00		(with DE-3 high-eyepoint finder), F3T	54	\$13.00	2584 NAS	(N90s, N90) Type B Focusing Screen	55	\$41.00
1912 N 1913 N		20mm f/2.8 AF Fisheye-Nikkor AIS 20mm f/2.8D AF	35	\$735.00	$2396\mathrm{NAS}$	Adapter Ring UR-3 (req. w/60mm			0000 NOD	(N90s, N90)	55	\$41.00
		Fisheye-Nikkor AIS	35	\$735.00	2397 NAS	Micro for AF Operation) Square (UV) Filter for 105mm/4.5	62	\$32.50	2629 NCP 2631 NCP	Lens Reversing Ring BR-3 Lens Reversing Ring BR-5	66 66	\$42.00 \$41.00
1919 N	CP	24mm f/2.8D AF Fisheye-Nikkor AIS	35	\$491.00		UV Nikor (repl)	52	\$375.00	2636 NAS	Cable Release AR-4	67	\$76.50
1920 N		35mm f/2 Nikkor AIS	35	\$473.00	2398 NAS	UR-2 Filter Adapter for 105mm/4.5 UV-Nikkor (repl)	52	\$96.00	2640 NCP	Reverse Mounting Ring f/50, 75, 80mm N EL-Nikkor	71	\$21.50
1921 N 1922 N		28mm f/1.4D AF Nikkor 28mm f/2.8D AF Nikkor AIS	35 35	\$2,250.00 \$295.00	2406 NAS	DK-2 Rubber Eyecup	11	\$11.00	2641 NCP	Reverse Mounting Ring f/50,		
1931 N		85mm f/1.8D Nikkor AIS	36	\$491.00	2406 NAS	Rubber Eyecup DK-2 for F4S, F3HP/F3/T	54	\$11.00	2642 NCP	63mm N EL-Nikkor Extension Mounting Tube	71	\$21.50
1932 N		105mm f/2D AF DC-Nikkor	36	\$1,200.00	$2420\mathrm{NCP}$	Type K Focusing Screen (FM2)	55	\$40.00		f/EL-Nikkor (15mm)	71	\$25.00
1934 N 1939 N		135mm f/2 AF-DC Nikkor AIS 180mm f/2.8N ED-IF AF	37	\$1,400.00	2421 NCP 2422 NCP	Type B Focusing Screen (FM2) Type E Focusing Screen (FM2)	55 55	\$40.00 \$40.00	2652 NCP 2653 NCP	Extension Ring PK-12A (14mm) Extension Ring PK-13A (27.5mm)	66 66	\$102.00 \$106.00
		Nikkor AIS	37	\$1,050.00	2443 NAS	Slip-in Gel Holder for ED-IF	99	φ40.00	2654 NCP	Reverse Mounting Ring f/135,	00	φ100.00
1942 N	AS	300mm f/2.8D ED-IF AF-1 Nikkor AIS	37	\$5,790.00	2459 NAS	Lens (repl) Slip-in 52mm Holder for 400mm/2.8	52	\$111.00	2655 NCP	150mm N EL-Nikkor Lens Mounting Adapter f/50mm	71	\$53.50
1946 N		300mm f/4 ED-IF AF Nikkor AIS	37	\$1,310.00		ED-IF (repl)	52	\$160.00	2000 NCI	EL-Nikkor	71	\$56.50
1948 N 1951 N		400mm f/2.8D ED-IF AF-1 Nikkor 600mm f/4D ED-IF AF-1 Nikkor AIS	38	\$10,000.00 \$11,190.00	2460 NAS	Slip-in Gel Holder for 400m/2.8 ED-IF Lens (repl)	52	\$160.00	2656 NCP 2657 NCP	Extension Ring PK-11A (8mm)	66	\$99.00
1953 N	AS	20-35mm f/2.8D AF Zoom-Nikkor	39	\$2,230.00	2461 NAS	Gelatin Filter Holder for 200mm/2	52	\$118.00	2658 NAS	Lens Reversing Ring BR-2A Lens Reversing Ring BR-6	66 66	\$41.00 \$96.00
1954 N	CP	24-50mm f/3.3-4.5 AF Zoom-Nikkor AIS	39	\$550.00	2469 NAS	Filter Holder for AF-1 (repl)	52	\$95.50	2660 NAS	Bellows Focusing Unit PB-6	66	\$470.00
1956 N	CP	28-70mm f/3.5-4.5D AF			2470 NAS	Gelatin Filter Holder for AF-1 (repl)	52	\$121.00	2661 NAS 2662 NAS	Slide Copying Adapter PS-6 Macro Copy Stand PB-6M	66 66	\$283.00 \$81.50
1959 N	CP	Zoom-Nikkor AIS 28-85mm f/3.5-4.5 AF	39	\$540.00	2500 NAS	DP-20 Multi-Meter Finder	5	\$735.00	$2663\mathrm{NAS}$	Extension Bellows PB-6E	66	\$315.00
		Zoom Nikkor AIS	39	\$565.00	2501 NAS 2502 NAS	DW-20 Waist-Level Viewfinder DW-21 6X High	6	\$325.00	2664 NAS 2670 NAS	Bellows/Rail Spacer PB-6D Cable Release AR-10	67	\$96.00 \$111.00
1963 N 1967 N		35-70mm f/2.8D AF Zoom-Nikkor 35-105mm f/3.5-4.5 AF	40	\$945.00		Magnification Finder	6	\$620.00	2732 NCP	Close-up Lens No. 0 IC 52mm	67,68	\$111.00
		Zoom Nikkor AIS	40	\$575.00	2503 NAS 2510 NAS	DA-20 AE Action Finder Type B Focusing Screen (F4S)	6 55	\$1,170.00 \$63.00	2733 NCP	(0.7 Diopter) Close-up Lens No. 1 IC 52mm	66	\$57.00
1969 N	CP	35-135mm f/3.5-4.5 SN AF Zoom-Nikkor AID	40	\$615.00	2511 NAS	Type C Focusing Screen (F4S)	55	\$63.00	2100 NCF	(1.5 Diopter)	66	\$57.00
1970 N	CP	35-80mm f/4-5.6D AF			2512 NAS 2513 NAS		55 55	\$63.00 \$63.00	2734 NCP	Close-up Lens No. 2 IC 52mm (3.0 Diopter)	66	\$57.00
1979 N	CP	Zoom-Nikkor AIS 70-210mm f/4-5.6D AF	40	\$134.00	2514 NAS	Type G1 Focusing Screen	99	\$05.00	$2736\mathrm{NCP}$	Close-up Lens No. 3T IC 52mm	00	\$97.00
		Zoom-Nikkor AIS	40	\$445.00	2515 NAS	(fisheye F4S) Type G2 Focusing Screen	55	\$63.00	2737 NCP	(1.5 Diopter) Close-up Lens No. 4T IC 52mm	66	\$57.00
1982 N	CP	75-300mm f/4.5-5.6 AF Zoom-Nikkor AIS	40	\$745.00	2010 NAS		55	\$63.00	2191 NOF	(3.0 Diopter)	66	\$57.00
1985 N	AS	80-200mm f/2.8D AF ED-IF	40	\$1,370.00	2516 NAS		55	\$63.00	2753 NAS 2754 NAS	Table Clamp PC-3	67	\$132.00
1987 N		60mm f/2.8D AF Micro-Nikkor AIS		65 \$560.00	2517 NAS 2518 NAS		55 55	\$63.00 \$63.00		18% Grey Card for PF-4 Focusing Stage PG-2	67 66	\$13.50 \$315.00
1988 N 1989 N		105mm f/2.8D AF Micro-Nikkor AIS 200mm f/4D AF Micro-Nikkor AIS		65 \$885.00 65\$1,820.00	2519 NAS	Type K Focusing Screen (F4S)	55	\$63.00	2757 NAS	Repro Copy Outfit PF-4	66	\$955.00
1995 N		TC-14E 1.4x Teleconverter for	10.000		2520 NAS 2521 NAS		55 55	\$63.00		Motor Drive Holder PH-4 Tripod Adapter Plate	67 67	\$115.00 \$85.00
1997 N	AS	Nikkor AF-1 lenses TC-20E 2x Teleconverter for	48	\$635.00	2521 NAS 2522 NAS		55 55	\$63.00 \$63.00		Eyepiece Correction Lens F3		
		Nikkor AF-1 lenses	48	\$715.00	2551 NAS	Type K Focusing Screen			2015 NAC	(w/DE-2) F3AF, F2 "0"	54	\$20.50
2028 N		Panorama Head AP-2	69	\$210.00	2552 NAS	(F3HP/F3/T) Type A Focusing Screen	55	\$60.00	2915 NAS	Eyepiece Correction Lens F3 (w/DE-2) F3AF, F2 -2.0	54	\$20.50
2069 N 2073 N		MF-17 Sync Cord MF-17 Memo Plate Set	11 11	\$23.50 \$8.00			55	\$60.00	$2916\mathrm{NAS}$	Eyepiece Correction Lens F3		
2077 N	AS	MZ-1 250 Exposure Film Cassette	7, 11	\$81.50	2553 NAS	Type B Focusing Screen			2917 NAS	(w/DE-2) F3AF, F2 -3.0 Eyepiece Correction Lens F3	54	\$20.50
2079 N 2080 N		MZ-1 Film Cassette Spool MZ-1 Bulk Film Loader	11 11	\$23.50 \$375.00		(F3HP/F3/T)	55	\$60.00		(w/DE-2) F3AF, F2 -4.0	54	\$20.50
2220 N		Slip-in 39mm Holder for			2554 NAS	Type C Focusing Screen (F3HP/F3/T)	55	\$60.00	2918 NAS	Eyepiece Correction Lens F3 (w/DE-2) F3AF, F2 -5.0	54	\$20.50
2278 N	AS	ED-IF Lens (repl) AF-1 52mm Gelatin Filter Holder	52 52	\$77.00 \$72.50	$2555\mathrm{NAS}$	Type D Focusing Screen		10.500000000000000000000000000000000000	$2919\mathrm{NAS}$	Eyepiece Correction Lens F3 (w/DE-2) F3AF, F2 +1.0	54	\$20.50
		January Somethi Heat Holdel		412.00 T		(F3HP/F3/T)	55	\$60.00		(11.011.4) 1.011 , 12.71.0	O'I	φ40.00

Product #	Product	Page #	Price†	Product #	Product	Page #	Price†	Product #	Product	Page #	Price†
2920 NAS	Eyepiece Correction Lens F3			3065 NAS	AS-7 Coupler	64	\$123.00	$4524\mathrm{NCP}$	SC-15 Coiled Sync Cord	64	\$30.50
	(w/DE-2) F3AF, F2 +2.0	54	\$20.50	3066 NCP	AS-15 Hot Shoe Adapter SC-24 TTL Remote Cord	64, 69 63	\$21.00 \$87.00	4525 NAS 4526 NCP	SB-14 MF-16 Data Back	59 26	\$780.00 \$303.00
2921 NAS	Eyepiece Correction Lens F3 (w/DE-2) F3AF, F2 +3.0	54	\$20.50	3067 NAS 3068 NAS	Anti-Cold Battery Packs			4527 NAS	CL-64	50	\$183.00
2922 NAS	Eyepiece Correction Lens F3 (w/DE-2) F3AF, F2 +0.5	54	\$20.50	3069 NAS	DB-5 for N8008S DB-6 External Battery Pack	69 7, 15, 69	\$131.00 \$336.00	4534 NAS 4536 NCP	Power Cord SC-21 Close-up Lens No. 5T IC 62mm	62	\$54.00
2930 NCP	Eyepiece Correction Lens		000000000000000000000000000000000000000	3009 NAS 3213 NAS	Slide Copy Adapter ES-1	67	\$61.00		(1.5 Diopter)	66	\$72.50
2931 NCP	FM2/FE2/FA "0" Eyepiece Correction Lens	54	\$20.50	4136 NCP	CS-17	29 29	\$94.00	4537 NCP	Close-up Lens No. 6T IC 62mm (3.0 Diopter)	66	\$72.50
	FM2/FE2/FA +0.5	54	\$20.50	4137 NCP 4138 NCP	CS-18 CS-19	29	\$104.00 \$100.00	$4539\mathrm{NAS}$	Mounting Bracket SK-5 (repl)	59,62	\$88.50
2932 NCP	Eyepiece Correction Lens FM2/FE2/FA +1.0	54	\$20.50	4139 NCP	CS-20	29	\$109.00	4542 NAS 4543 NCP	SB-16A SB-16B	59 59	\$404.00 \$377.00
$2933\mathrm{NCP}$	Eyepiece Correction Lens	54	\$20.50	4301 NCP 4302 NCP	NO. 61 NO. 62	50 50	\$39.00 \$42.00	4544 NAS	SB-16A Coupler to F3 (repl) AS-8	59, 64	\$255.00
2934 NCP	FM2/FE2/FA +2.0 Eyepiece Correction Lens	94		$4303\mathrm{NCP}$	NO. 63	50	\$51.00	4545 NCP	SB-16B Coupler to ISO shoe (repl) AS-9	59,64	\$223.00
2935 NCP	FM2/FE2/FA +3.0 Evepiece Correction Lens	54	\$20.50	4305 NAS 4307 NAS	CT-200 Trunk Case CT-602 Trunk Case	50 50	\$384.00 \$545.00	$4546\mathrm{NAS}$	Wide Flash Adapter SW-8 (repl)	62	\$25.00
	FM2/FE2/FA -2.0	54	\$20.50	$4308\mathrm{NAS}$	CT-603 Trunk Case	50	\$369.00	4550 NCP	Wideangle Flash Adapter SW-7 (repl)	59	\$13.50
2936 NCP	Eyepiece Correction Lens FM2/FE2/FA -3.0	54	\$20.50	4309 NAS 4310 NAS	CT-800 Trunk Case CT-303 Trunk Case	50 50	\$735.00 \$495.00	$4551\mathrm{NCP}$	Soft Case SS-16 (repl)	59	\$23.00
$2937\mathrm{NCP}$	Eyepiece Correction Lens		A STATE OF THE STA	$4350\mathrm{NCP}$	CF-45	29	\$70.00	4552 NCP 4553 NAS	AA Battery Holder MS-5 (repl) AA Battery holder MS-6 (repl)	59 62	\$21.50 \$21.50
2938 NCP	FM2/FE2/FA -4.0 Eyepiece Correction Lens	54	\$20.50	4351 NCP 4355 NCP	CF-46 CF-37L/CF-37LQD	29 29	\$77.00 \$47.00	4554 NAS	Case for Controller Unit SS-17		
	FM2/FE2/FA -5.0	54	\$20.50	4356 NCP	CF-38LA	29	\$42.00	4557 NCP	(repl) SC-17 TTL Remote Cord	62 63, 64	\$13.50 \$84.50
2939 NCP	Rubber Eyecup for N6006/N6000/N5005	54	\$6.00	4357 NAS 4358 NAS	CF-39L CF-47	29 29	\$70.00 \$76.50	4558 NCP	SC-18 TTL Multi-Flash Sync Cord	63	\$46.00
2940 NCP	Eyepiece Correction Lens N70/N50/N5005/N4004 "0"	54	\$12.00	4360 NAS	CF-48A	29	\$48.50	4559 NCP 4560 NCP	SC-19 TTL Multi-Flash Sync Cord AS-10 TTL Multi-Flash Adapter	63 63	\$57.00 \$57.00
2941 NCP	Eyepiece Correction Lens		200 201 4040	4363 NCP	CF-49	29	\$50.00	4561 NAS	AS-11 Flash Tripod Adapter	63	\$57.00
2942 NCP	N6006/6000 +0.5 Evepiece Correction Lens	54	\$12.00	4364 NCP 4367 NCP	CF-50 CF-51	29 29	\$55.00 \$70.00	4562 NCP	SC-23 TTL Sync Cord	59,64	\$191.00
	N6006/6000 +1.0	54	\$12.00	$4368\mathrm{NCP}$	CF-52	29	\$77.50	4563 NCP 4565 NAS	MR-3 Motor Terminal Release Controller/Power Packs AS-12 for	10,68	\$54.00
2943 NCP	Eyepiece Correction Lens N6006/6000 +2.0	54	\$12.00	4410 NAS 4411 NAS	CF-21A MF-14 Data Back	29 11	\$81.50 \$303.00	4565 NAS	SB-21A (repl) Controller/Power Packs AS-12 for	62	\$421.00
$2944\mathrm{NCP}$	Eyepiece Correction Lens		VALUE CONTRACTOR	4414 NAS	CS-15	29	\$108.00	4909 NAS	SB-21B (repl)	62	\$382.00
2945 NCP	N6006/6000 +3.0 Evepiece Correction Lens	54	\$12.00	4415 NCP 4417 NCP	CS-16 Soft Shutter Release AR-9	29 69	\$108.00 \$7.00	4566 NAS 4580 NCP	MF-18 Data Back AH-3 Tripod Mounting Adapter	11 68	\$382.00 \$42.50
2046 NCD	N6006/6000 -2.0	54	\$12.00	4422 NAS	CF-22	29	\$119.00	4580 NCP	AH-3 Tripod Mounting Adapter	68	\$42.50
2946 NCP	Eyepiece Correction Lens N6006/6000 -3.0	54	\$12.00	4427 NCP 4428 NCP	CF-27 CF-28	29 29	\$84.50 \$99.00	4583 NCP	Motor Remote Cord with Banana Plug MC-4A (3')	68	\$49.50
2947 NCP	Eyepiece Correction Lens N6006/6000 -4.0	54	\$12.00	4429 NCP	CF-29	29	\$132.00	$4586\mathrm{NCP}$	Motor Remote Trigger Cord		
2948 NCP	Eyepiece Correction Lens		10	4431 NCP 4434 NCP	CF-28A CF-34	29 29	\$57.00 \$158.00	4591 NAS	MC-12A (10') CF-40	68 29	\$80.00 \$77.00
2950 NAS	N6006/6000 -5.0 Eyepiece Correction Lens	54	\$12.00	4441 NAS	CT-500 Trunk Case	50	\$499.00	4593 NAS	CF-41	29	\$174.00
	F4s, F3HP/F3 "O"	54	\$20.50	4442 NAS	CT-604 Trunk Case CT-304 Trunk Case	50 50	\$590.00 \$520.00	4594 NAS 4595 NAS	CF-42 CF-43	29 29	\$212.00 \$248.00
2951 NAS	Eyepiece Correction Lens F4s, F3HP/F3 +1.0	54	\$20.50	4443 NAS 4453 NAS	CL-15S	50	\$51.00	4598 NAS	52mm Adapter Ring for		
2952 NAS	Eyepiece Correction Lens F4s, F3HP/F3 +2.0	54	\$20.50	4458 NCP	CL-27A	50	\$94.00	4599 NAS	SB-21 (repl) 62mm Adapter Ring for	62	\$21.50
2953 NAS	Eyepiece Correction Lens		2004,0000000000000000000000000000000000	4459 NAS 4460 NCP	CL-42 CL-41	50 50	\$88.50 \$38.00		SB-21 (repl)	62	\$21.50
2954 NAS	F4s, F3HP/F3 -2.0 Evepiece Correction Lens	54	\$20.50	4461 NAS	CL-43	50	\$102.00	4600 NAS 4601 NCP	HK-15 Slip-on HK-16 Slip-on	49 49	\$54.00 \$54.00
	F4s, F3HP/F3 -3.0	54	\$20.50	4462 NAS 4463 NAS	CL-43A CL-44	50 50	\$102.00 \$60.00	$4602\mathrm{NCP}$	HB-1 Bayonet	49	\$26.50
2960 NAS	Eyepiece Correction Lens N90s/N90/N8008S "0"	54	\$20.50	4464 NAS	CL-45	50	\$80.66	4603 NCP 4604 NCP	HB-2 Bayonet HB-3 Bayonet	49 49	\$26.50 \$26.50
2961 NAS	Eyepiece Correction Lens).5 (a)	4465 NCP 4466 NCP	CL-46 CL-47	50 50	\$421.00 \$74.33	$4605\mathrm{NCP}$	Soft Case SS-20 (repl)	58	\$13.50
2962 NAS	N90s/N90/N8008S +0.5 Eyepiece Correction Lens	54	\$20.50	4470 NAS	CL-37	50	\$54.00	4606 NCP 4607 NCP	Soft Case SS-22 (repl) Soft Case SS-23 (repl)	58 58	\$13.50 \$13.50
2963 NAS	N90s/N90/N8008S +1.0 Eyepiece Correction Lens	54	\$20.50	4471 NAS 4472 NAS	CL-38 CL-61A	50 50	\$61.00 \$439.00	4608 NAS	HK-17 Slip-on	49	\$396.00
	N90s/N90/N8008S +2.0	54	\$20.50	4474 NCP	CL-34A	50	\$46.00	4609 NAS 4610 NAS	Soft Case SS-24 (repl) HB-4 Bayonet	58 49	\$15.50 \$26.50
2964 NAS	Eyepiece Correction Lens N90s/N90/N8008S +3.0	54	\$20.50	4476 NCP 4478 NCP	CL-39 CL-40	50 50	\$84.50 \$68.50	4611 NCP	HB-5 Bayonet	49	\$26.50
$2965\mathrm{NAS}$	Evepiece Correction Lens		100000000000	4479 NCP	CL-35A	50	\$72.50	4612 NCP 4613 NAS	HB-6 Bayonet HN-29 Hood for 77mm	49	\$26.50
2966 NAS	N90s/N90/N8008S -2.0 Evepiece Correction Lens	54	\$20.50	4480 NCP 4484 NCP	CL-36 CS-13	50 29	\$81.50 \$115.00		Circular Polarizing Filter	52	\$54.00
	N90s/N90/N8008S -3.0 Eyepiece Correction Lens	54	\$20.50	4501 NCP	CL-30S	50	\$38.00	4613 NAS 4614 NAS	HN-29 Screw-in HB-7 Bayonet	49 49	\$54.00 \$36.00
2967 NAS	N90s/N90/N8008S -4.0	54	\$20.50	4502 NCP 4503 NCP	CL-31S CL-32S	50 50	\$38.00 \$54.00	4615 NAS	HK-18 Slip-on	49	\$835.00
2968 NAS	Eyepiece Correction Lens N90s/N90/N8008S -5.0	54	\$20.50	4504 NCP	CL-33S	50	\$54.00	4616 NAS 4622 NAS	HK-19 Slip-on MF-22 Data Back	49 6	\$432.00 \$243.00
$2969\mathrm{NCP}$	Rubber Eyecup DK-9 for N70	54	\$6.50	4505 NAS	DC Power Pack LD-2 (requires SC-21 power cord)	62	\$276.00	4623 NAS	MF-23 Multi-Control Back	6	\$850.00
3055 NCP 3056 NCP	Sensor Unit SU-2 (repl) Flash Cord SC-11 for SB-14 (repl)	59, 64 59, 62, 64	\$102.00 \$20.00	4506 NAS	AC Power Pack LA-2		88 S. S. S. S.	4624 NAS	MF-24 250 Exposure Multi-Control Back	6	\$8,220.00
3056 NCP	Flash Sync Cord SC-11 for SB-11			4508 NCP	(requires SC-21 power cord) AN-6W	62 69	\$407.00 \$38.00	$4625\mathrm{NAS}$	MF-25 Multi-Control Back	15	\$165.00
3057 NCP	(repl) Wideangle Flash Adapter SW-3	59, 62, 64	\$20.00	4511 NCP	CP-9	50	\$30.50	4626 NAS 4627 NAS	MF-26 Multi-Control Back MB-10 Multi-Power Vertical Grip	14, 15 14	\$343.00 \$182.50
	(repl)	59	\$13.50	4512 NAS 4514 NAS	SB-140 UV-IR SB-14 Speedlight Flash Head (repl)	62 59	\$720.00 \$453.00	$4628\mathrm{NAS}$	MS-10 Battery Tray	14	\$23.50
3059 NAS 3060 NAS	AS-5 Coupler AS-6 Coupler	64 64	\$61.00 \$72.50	4520 NCP	C-Cell Battery Pack SD-7 for SB-14	,	, 250,00	4629 NAS 4631 NAS	MS-11 Battery Tray MB-20 Compact AA	14	\$30.00
3061 NAS	SC-14 TTL Remote Cord	63, 64	\$96.00		(repl.—comes with SC-16 Power Cord) 58, 59, 6	2,63	\$220.00		Type Battery Pack	7	\$64.50
3062 NCP	Anti-Cold Battery Packs DB-2 for F Series, FM2N	69	\$96.00	4522 NAS	Wideangle Flash Adapter SW-5 (repl)	59	\$23.50	4632 NAS 4633 NAS	MB-21 High Speed Battery Pack MB-22 External Power Regulator	7 7	\$229.00 \$525.00
$3064\mathrm{NCP}$	AA Battery Holder (repl)	59	\$23.50	4523 NCP	Power Cord SC-16 for SD-7 (repl)	59, 64	\$54.00	1000 11/10	and the surface of th	-10	φυΔυ.00
							ı	† Suggested	List Price.		

[†] Suggested List Price.
*Subject to available inventory.
** Special order.
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Product #	Product	Page #	Price†
4634 NAS	MB-23 Multi-Power High Speed	7	AFCF 00
400E NIAG	Battery Pack	7	\$565.00
4637 NAS	MS-21 AA Battery Holder	7	\$19.50
4640 NAS	MS-23 6-Piece AA Battery Holder	7	\$42.50
4641 NCP 4645 NAS	ML-2 Modulite Remote Control Set ML-3 Modulite Remote	68	\$495.00
4648 NAS	Control Set Modulite Remote	15,68	\$241.00
10101010	Control Bracket	68	\$15.00
4650 NAS	MC-20 Remote Cord	15,68	\$147.00
4651 NAS	MC-21 Extension Cord	15	\$86.50
4652 NCP	MC-22 Remote Cord	15	\$68.00
4653 NAS	MC-23 Connecting Cord	15	\$86.50
4655 NAS	MC-25 Adapter Cord	15	\$77.50
4656 NAS	MC-26 Adapter Cord	68	\$77.50
4657 NAS	MC-27 Connecting Cord	14	\$132.50
4658 NAS	MC-28 External Power Cord	7,69	\$121.00
4659 NAS	MC-29 External Power Cord	15,69	\$102.00
4671 NAS	Data Link	14	\$270.00
4700 NCP	SB-20	58	\$291.00
4701 NAS	SB-21A TTL Macro Speedlight (F3 shoe version)	67	\$595.00
4702 NAS	TTL Macro Speedlight SB-21B (ISO shoe version)	67	\$565.00
4703 NCP	SB-22	58	\$189.00
4704 NCP	SB-23	58	\$147.00
4707 NAS 4720 NCP	SB-26 High Performance Battery Pack	58	\$469.00
	SD-8	58, 59, 63	
4723 NAS	Case for Flash Unit SS-21 (repl)	62	\$17.50
4724 NAS	SK-6 Power Bracket Model	63	\$390.01
5203 NCP	NS-3	69	\$15.00
5204 NCP	NS-4	69	\$15.00
5205 NCP	NS-5	69 85	\$17.00 \$757.99
6901 NCP 7300 NCP	Spotter XL Outfit	83	\$124.00
7301 NCP	8x21 Sprint 10x21 Sprint	83	\$140.00
7305 NCP	7x35 Sky & Earth	82	\$216.40
7306 NCP	7x50 Sky & Earth	82	\$261.00
7308 NCP	10x50 Sky & Earth	82	\$265.20
7500 NCP	20x60 RC Angled	85	\$456.00
7501 NCP 7770 NCP	15-45x60 RC Angled Photographic Attachment for	85	\$658.00
	Fieldscopes	85	\$317.09
7771 NCP	20-45x Eyepiece	85	\$261.00
7772 NCP	15x Eyepiece	85	\$134.00
7773 NCP	30x Eyepiece	85	\$134.00
7774 NCP 7775 NCP	40x Eyepiece 20x Eyepiece	85 85	\$134.00 \$134.00
7789 NCP	87x50 IF SP Prostar		\$1,330.03
7811 NCP	60x Eyepiece	85	\$146.00
7826 NCP	8x40 DCF Classic Eagle		\$1,389.98
7834 NCP	20x60 RC	85	\$426.00
7835 NCP	15-45x60 RC	85	\$629.99
7838 NCP	60mm Fieldscope IIA	85	\$740.02
$7839\mathrm{NCP}$	60mm Fieldscope EDII A	85	\$1,190.01
7845 NCP	10x25 CF Sea N' Sport	83	\$439.00
$7846\mathrm{NCP}$	8x23 CF Sea N' Sport	83	\$406.01
7860 NCP	8-16x40 CF Zoom XL	83	\$750.00
7861 NCP	6-12x24 DCF LeTour Zoom	83	\$750.00
7864 NCP	7-15x35 Scoutmaster Zoom II	82	\$286.00
7868 NCP	7x50 Seafarer II		\$1,010.02
7869 NCP	7x50 IF Sports & Marine	82	\$488.69
7880 NCP	7x20 CF Travelite III Companion	83	\$142.00
7881 NCP	9x25 CF Travelite III Companion 8x23 CF Travelite III Companion	83 83	\$173.00 \$158.00
7882 NCP 7883 NCP	10x25 CF Travelite III Companion		\$189.00
7884 NCP	6x15 Monocular	84	\$147.00
7885 NCP	8x20 Sportstar Companion	82	\$199.00
7886 NCP	10x25 Sportstar Companion	82	\$230.00
7887 NCP	8x32 DCF Execulite II	83	\$749.98
7888 NCP	10x40 DCF Execulite II	83	\$800.00
7889 NCP	7x35 Naturalist III	84	\$158.00
$7890\mathrm{NCP}$	8x40 Egret	84	\$189.00
7891 NCP	10x50 Lookout III	84	\$210.99
$7892\mathrm{NCP}$	8x30 DIF Sea N' Sport	83	\$679.99
7893 NCP	10x70 IF SP Astroluxe		\$1,920.00
7894 NCP	60mm Feldscope II	85	\$610.01
7895 NCP	60mm Fieldscope EDII		\$1,089.97
7896 NCP	8x23 Diplomat	84	\$338.00

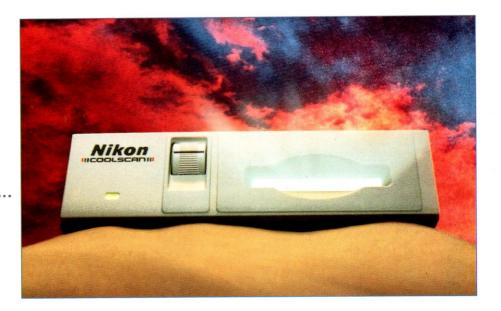
Product #	Product	Page#	Price†
7897 NCP	10x25 Diplomat	84	\$378.00
7898 NCP	78mm Filedscope ED	85	\$1,860.00
7899 NCP	78mm Fieldscope ED Angled	85	\$1,980.00
7900 NCP	Spotter XL Outfit with Case	85	\$690.01
7943 NCP 7996 NCP	30x Wideangle Eyepiece 7x50 IF Sports & Marine	85	\$242.00
1990 NCI	(Non-Compass Model)	82	\$367.73
9630 NAS	35Ti	27	\$1,120.00
9652 NCP	Nice-Touch Zoom Outfit	72	\$136.00
$10070\mathrm{NCP}$	Nikonos-V for Orange	79	\$705.00
10071 NCP	Nikonos-V for Moss Green	79	\$705.00
10202 NCP	SB-105 Speedlight Set	80	\$77.50
$10310\mathrm{NCP}$	28mm f/3.5 UW-Nikkor IC	80	\$436.00
10311 NCP	35mm f/2.5 UW-Nikkor IC	80	\$211.00
10312 NCP	80mm f/4 UW-Nikkor IC	80	\$436.00
10314 NCP	20mm f/2.8 UW-Nikkor IC	80	\$855.00
$10315\mathrm{NCP}$	15mm f/2.8 UW-Nikkor IC	80	\$1,960.00
$10705\mathrm{NCP}$	Nikonos Close-up Outfit	79	\$474.00
11000 NCP	Nikonos RS AF SLR Camera	76	\$3,380.00
11010 NCP	28mm f/2.8 R-UW AF Nikkor	78	\$945.00
11011 NCP	50mm f/2.8 R-UW AF Micro-Nikkon	· 78	\$1,490.00
11012 NCP	20mm-35mm f/2.8 R-UW AF Zoom Nikkor	78	\$3,510.00
$11013\mathrm{NCP}$	13mm f/2.8 R-UW AF	5070	
	Fisheye Nikkor	78	\$2,400.00
11100 NCP	MC-100 Remote Cord	78	\$325.00
11105 NCP	DK-100 Eyepiece (for RS)	78	\$38.00
11200 NCP	SB-104 Speedlight Set	80	\$1,480.00
11211 NCP	SN-104 NiCad Battery Pack	80	\$177.00
11212 NCP	SH-104 NiCad Charger	80	\$381.00
11224 NCP	SC-101 Sync Cord	78	\$165.00
11225 NCP	SC-102 Sync Cord	78 78	\$245.00 \$190.00
11226 NCP	SC-103 Sync Cord	86	\$300.00
51004 NCP 51220 NCP	Aviator Hatteras	86	\$225.00
52022 NCP	Soho	86	\$185.00
52022 NCP 52231 NCP	Berkeley	86	\$185.00
52311 NCP	Monterey	86	\$185.00
52320 NCP	Hampton	86	\$185.00
52320 NCI 52390 NCP	Prescott	86	\$185.00
53054 NCP	Navigator GX	86	\$180.00
53253 NCP	Avalanche GX	86	\$145.00
53332 NCP	Clearwater GX	86	\$200.00
54252 NCP	Avalanche CE	87	\$110.00
54341 NCP	Bristol	87	\$110.00
54350 NCP	Solitude	87	\$110.00
54382 NCP	Outbound	87	\$110.00
55400 NCP	Ball	87	\$125.00
55420 NCP	Bonaire	87	\$125.00
55440 NCP	Crete	87	\$135.00
55450 NCP	Mazatlan	87	\$135.00
55510 NCP	Vitals V-round (metal)	87	\$99.00
55520 NCP	Vitals V-wrap	87	\$79.00
55540 NCP	Vitals V-round	87	\$79.00
95104 NAS	EL-Nikkor 360mm f/5.6	71	\$2,761.00
$96925\mathrm{NCP}$	39mm Lens Mounting Flange	71	\$30.00

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** Special order.
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Meet Coolscan

NIKON'S REVOLUTIONARY
35MM FILM SCANNER



LS-10 COOLSCAN

Many of the 35mm photographs shown in this product guide have been separated using the Nikon LS-10 Coolscan Desktop Film Scanner. Coolscan provides high-speed production of monochrome or color scans from 35mm negatives or transparencies. And it assures both security and reduced costs with in-house production.

The Nikon Coolscan is the first full-color, single pass scanner of its kind. Nikon's scanning software is compatible with any application supporting the Photoshop Plug-In interface for Windows or Mac OS platforms, as well as certain additional graphics packages. Coolscan ships with Nikon's standalone scanning application for plug-and-play operation right out of the box.

SIMPLE TO OPERATE

Reliable, compact and quiet, Coolscan is easy to use, even by inexperienced operators with little or no training. The user just inserts a 35mm slide or negative and selects the desired resolution. Once inserted, the film is no longer handled by the operator. Coolscan does the rest.

The LS-10 will scan your color or monochrome 35mm positive or negative film with state-of-the-art optical definition and color sensitivity. It will automatically adjust for film type and shooting conditions. It will correct for amount of exposure, gamma, and color balance. And it will produce high resolution scans with superb image quality, with very little power consumption. Coolscan captures 2592 x 3888 pixels over the 35mm frame size, equivalent to 2700 dpi.

MULTIPLE APPLICATIONS

Coolscan lets the user quickly and inexpensively produce presentations, catalogs, newsletters and manuals. In addition to catalog imaging, the LS-10 is ideal for multimedia image acquisition, CD-ROM and Photo-CD publishing and other corporate in-house applications.

SPECIFICATIONS

Two models are available: a lightweight, portable external unit, and an internal unit that will mount into your available half height disk slot.

Dimensions

External Unit: 5.83"W x 12.61"L x 1.85"H; 4.2 lbs. Internal Unit: 5.83"W x 8.2"L x 1.65"H; 1.98 lbs.

Power Requirements

100-230 VAC, 0.3A at 100V, 50/60Hz(200-230 VAC, 0.2A at 210V, 50/60Hz)

Scanning Time

Preview: approximately 30 seconds Scan: approximately 140 seconds for 1024 x 1024 pixel image

DIAL 1-800-52-NIKON FOR FURTHER INFORMATION.

Specifications subject to change without notice. Coolscan is shipped in recyclable packaging.

Our thanks to the following photographers whose work is presented in this catalog: Eddie Addams, John Biever, Bernie Boston, John Cole, Mike Corrado, Tim Davis, Jill Enfield, Enrico Ferorelli, Stephen Frink, Brett Froomer, Michael A. Keller, Steve Krongard, Joe McNally, Chris Murray, Chris Noble, Jon Ortner, William Pekala, Ray Porter, Roger Ressmeyer, Galen Rowell, James Russell, James Salzano, Al Satterwhite, Jeffrey B. Scholl, George Tiedemann, and Art Wolfe. All photographs are the specific property of the photographers mentioned and may not be reproduced in any way without their express permission.

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