

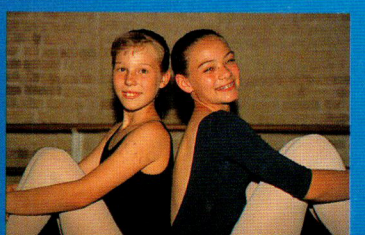
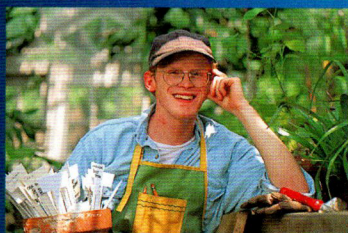
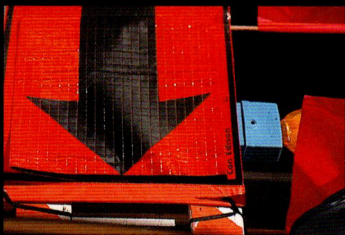
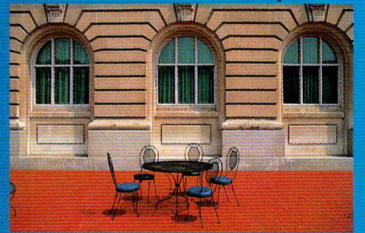
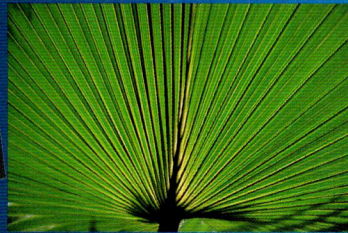
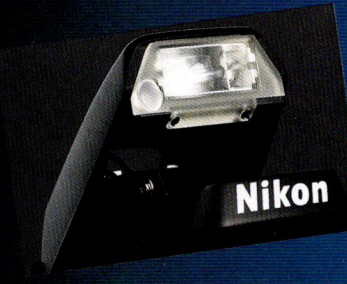


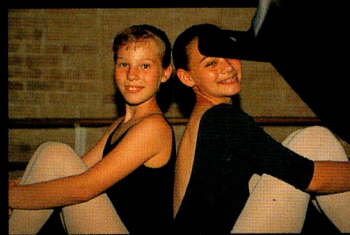
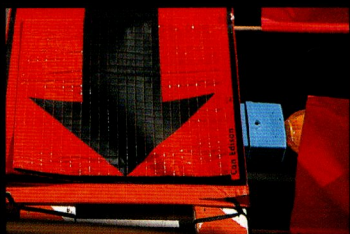
Nikon

N70

IN TOUCH WITH YOUR VISION

store copy





Indulge your passion.

Quiet power is what you sense when you hold this camera. Quick, responsive. *The N70 is a camera that can turn your vision into reality.*

Examine the controls—the Command Dial and the newly designed, color-coordinated, large Liquid Crystal Display. Within minutes, you'll understand how the N70 works.



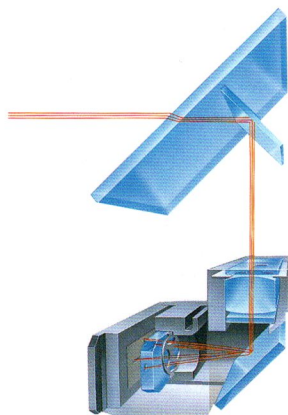
Press the shutter release. Watch the image snap into focus, then fire. Listen... Operation so quiet it won't distract. A powerful yet quiet motor drives AF Nikkor lenses for crystal-sharp pictures.

And Nikon Light is built-in. The world's first built-in 3D Multi-Sensor Balanced Fill-Flash.

Packed in a compact, lightweight body. With the N70, you'll see the difference. *The world's greatest pictures. Yours.*

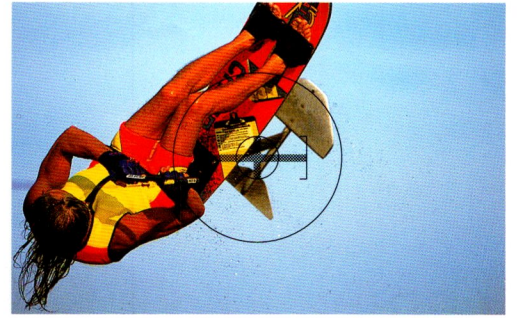
AUTOFOCUS

Fast,
smooth,
accurate.



The N70 will entice you with a complete autofocus system that helps you work a scene the way you see it. A system incorporating Nikon's cross-type focus detection system with Wide-Area sensor. *You see the picture and you compose naturally.* The N70 is crafted for great pictures.





[]

High speed, high sensitivity

Nikon's Cross-type Autofocus Sensor Module has an extra-wide focus detection area—7mm horizontal (the industry's widest) and 3mm vertical. It swiftly locks onto a moving subject. Subjects in light as dim as EV minus 1 (at ISO 100) are easily detected.



Wide-Area and Spot Autofocus

With Spot Autofocus, you can pick a single subject from a group and focus on it. Wide-Area AF allows you to loosen up composition, catching fast-moving subjects.

AF-C

Choice of Focus-Priority and Release-Priority Autofocus

AF-S

Single Servo Autofocus quickly locks focus, and only then releases the shutter. With Continuous Servo Autofocus, the priority is on releasing the shutter. Perfect for moving subjects.

MF

Manual focus

When you prefer to focus manually, Spot or Wide-Area, use the Electronic Rangefinder. When the image is sharp, an in-focus signal appears. Don't worry about impaired vision or just plain tired eyes.



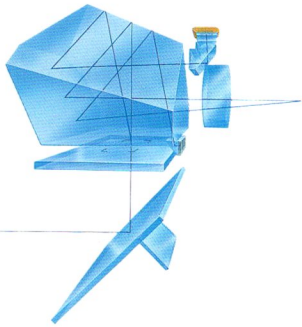
Automatic Focus Tracking

The moment your subject moves, Nikon Focus Tracking takes over, whatever the autofocus mode. Great for tracking moving subjects in action photography.

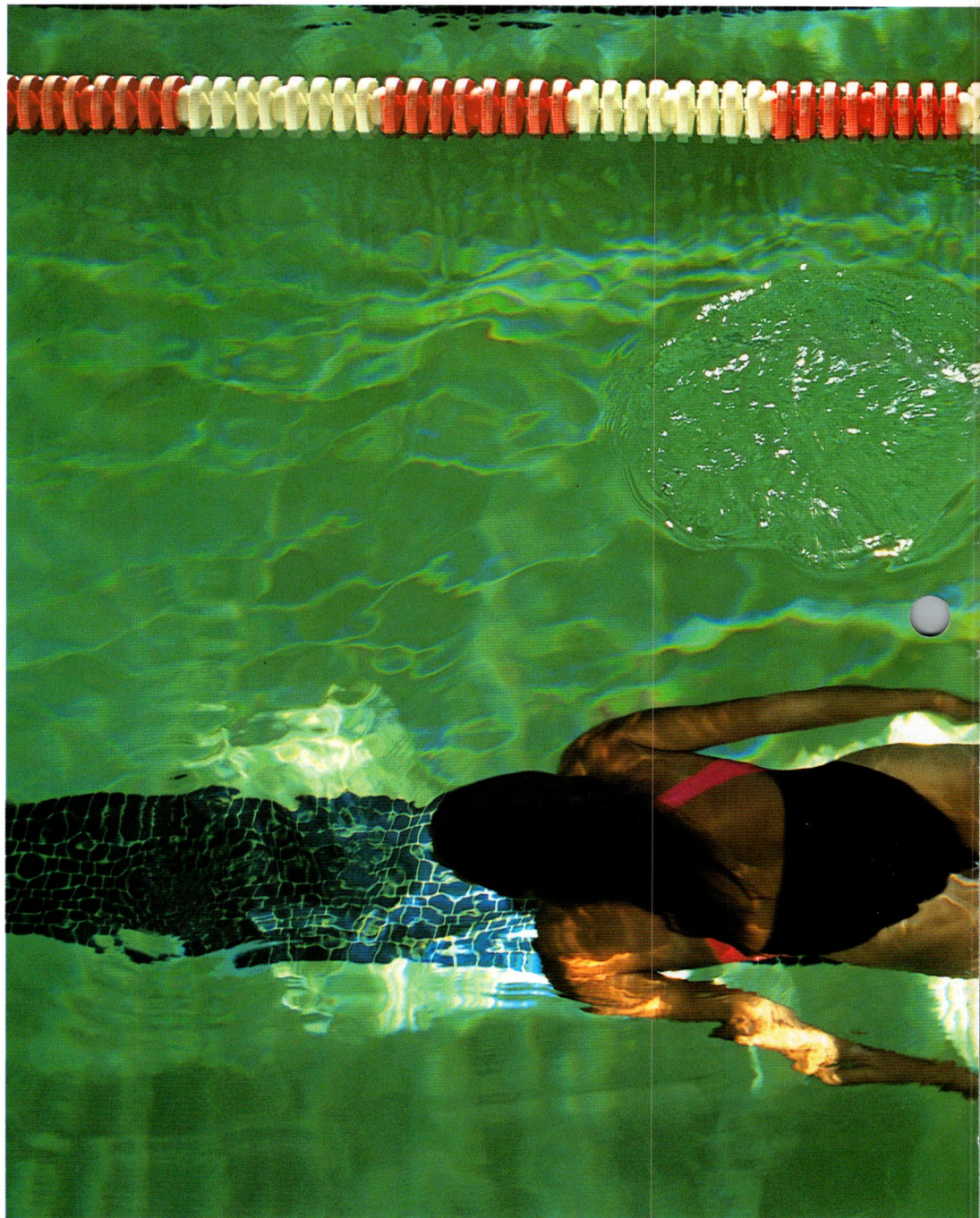


METERING

Three metering systems, because lighting is infinite.



Long ago you learned that lighting makes a picture. Lighting is what drives you whenever you shoot. You feel the need to work the light. You want everyone to respond to your picture with the same spirit and emotion you felt at the instant you triggered the shutter.





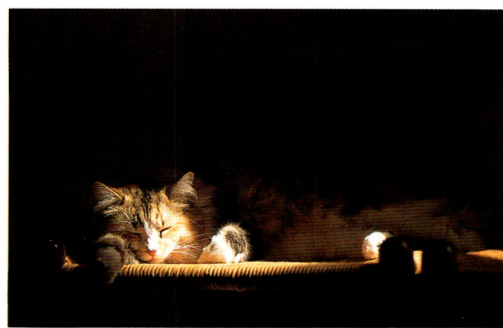
Nikon 3D Matrix Metering

No ordinary multi-segment meter—
itself a Nikon concept—the unequalled Matrix
Metering sensor has eight segments that read a
scene's brightness and examine contrast through
exclusive Nikon software. It helps you make bet-
ter pictures, especially when you don't have the
time to make adjustments because of quick-
changing light. Moreover, in combination with
the D-type* AF Nikkor lens in use, the meter
links exposure control information with *subject-
to-camera distance*—not just for sharp images
but also to enhance exposure calculations with
picture composition analysis. 3D Matrix does
what computers do best, working fast, reliably,
consistently and with great accuracy.



Center-Weighted Metering

Nikon's original, classic meter, updat-
ed with just the right center-weighted concentra-
tion of meter sensitivity of nearly 75%. Great
with manual exposure control or on automatic,
with which the N70's Auto Exposure Lock
(AE-L) control works to perfection.



Spot Metering

Nearly 100% of the meter's sensitivity
is concentrated in a 3mm circle at the center of the
viewfinder. Made for manual exposure control.
You can make an exposure reading of the tiniest
area of brightness for a really precise exposure or
meter several areas and average the readings.

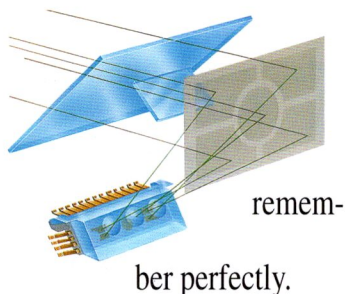
***D-type AF Nikkor lenses**

AF Nikkor lenses that send to the N70's microcomputer
the Distance Information used for 3D Matrix Metering or
3D Multi-Sensor Balanced Fill-Flash. Identified by the
letter "D" which follows information on maximum aper-
ture (e.g., AF Zoom-Nikkor 35-80mm f/3.5-4.5D). All AF-
I Nikkor lenses are D-type.

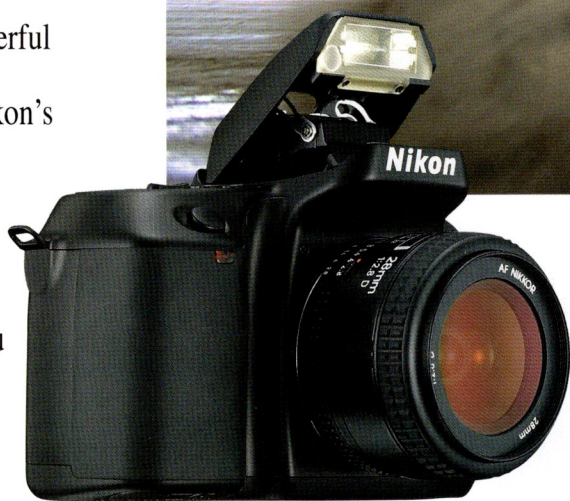
BUILT-IN SPEEDLIGHT

Details revealed—enhanced with Nikon Light.

Natural light is very appealing but sometimes you need or want flash. You want your picture to reveal more of what you saw, or perhaps envisioned. You want to



No ordinary built-in flash, the N70's powerful Speedlight offers Nikon's exclusive 3D Multi-Sensor Balanced Fill-Flash to help you realize your vision on film.





Built-in Speedlight

Higher pop-up position for enhanced lens compatibility. Covers up to 28mm. With its powerful guide number of 46 (ISO 100, ft.), the N70's built-in Speedlight is ready for such advanced flash operations as 3D Multi-Sensor Balanced Fill-Flash, Rear-Curtain Sync, Slow Sync, and Red-Eye Reduction.

3D Multi-Sensor Balanced Fill-Flash

Nikon's exclusive flash control system ensures correct exposure of the main subject even in difficult scenes, such as those that include a highly reflective background or something very close in the foreground—a feature not possible with other systems. With the N70, flash output is controlled by Nikon's performance-proven five-segment TTL Multi Sensor. Before the main flash fires, the TTL Multi Sensor tests the entire scene with imperceptible Monitor Pre-flashes. Distance information from the D-type AF Nikkor lens in use is integrated, as flash output is detected by each segment of the TTL Multi Sensor. 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 by the selected segment(s). 3D Multi-Sensor Balanced Fill-Flash operates effectively with *all* three available light meters: Matrix, Center-Weighted and Spot. For maximum automation, choose Matrix Metering.

Automatic Balanced Fill-Flash

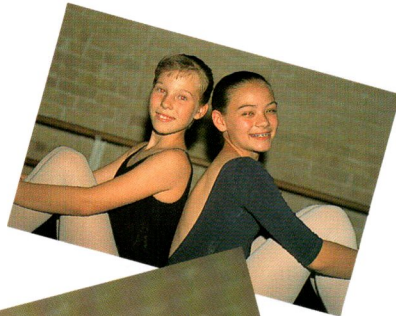
With the N70's advanced flash control system, the camera's computer automatically gives you the optimum flash exposure: every little detail comes out, rendered in its true color, with the foreground and background exposure beautifully balanced. This system works with all lenses including non-D-type AF Nikkors.



◀ SLOW

Advanced operations made easy

With the N70's built-in Speedlight, it's easy to get into all kinds of creative flash photography.



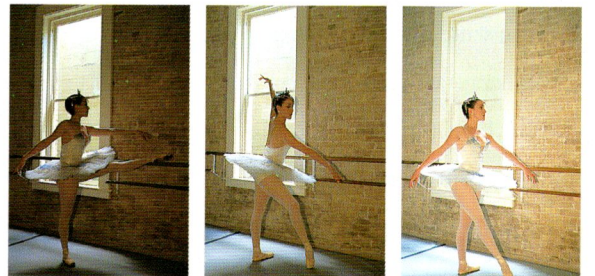
BUILT-IN SPEEDLIGHT

SLOW Slow Sync

You can choose a slower sync speed to control the ambient light exposure even in dim light. The result is a professional-looking balanced fill-flash picture with overall beautiful exposure.

REAR Rear-Curtain Sync

The flash fires just before the shutter closes to create the effect of a stream of light following the flash-illuminated subject.



Red-Eye Reduction

The built-in Speedlight's Red-Eye Reduction lamp lights up to make the subject's eye pupils smaller, thus reducing the possibility of red-eye.



Flash Output Level Compensation

You can control flash output in Fill-Flash operation, making the flash brighter or dimmer, from +1 to -3 EV, in 1/3 EV steps.



Flash Exposure Bracketing

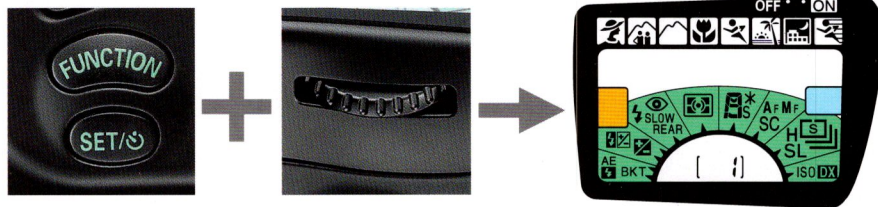
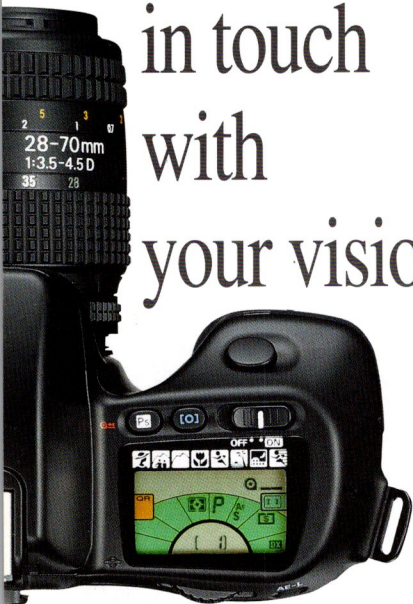
Allows bracketing with flash by varying the flash output over a variable range from 1/3, 1/2, 2/3 or 1 EV.

◀ REAR

CONTROLS

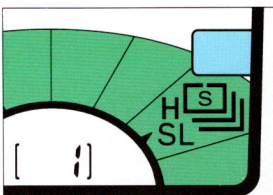
Natural design—

in touch with your vision.



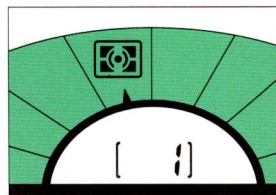
N70's Command Input Control System

Choosing camera function and shooting mode is as easy as pressing buttons that are color-coordinated with the large LCD.



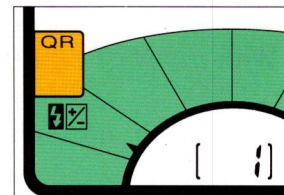
Film Advance/Rewind Modes

Choose single, continuous 2.0 frames per second (fps), or high-speed 3.7 fps mode. For quiet film rewind, use the SL mode.



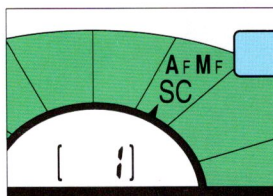
Metering Systems

The N70 has three. Narrow-angle Spot Meter for selective measurements. Versatile Center-Weighted Meter for general work. And unequaled 3D Matrix Meter for quick-changing and complex lighting situations.



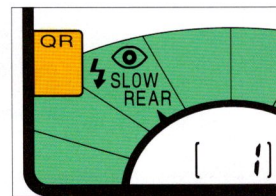
Flash Output Level Compensation

Compensate flash exposure by -3 to +1 EV to control flash illumination.



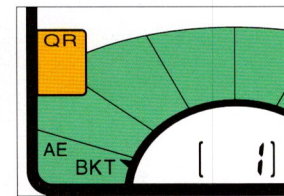
AF Modes

Shoot on focus-priority Single Servo (S) autofocus mode, or release-priority Continuous Servo (C) autofocus mode if you want to release the shutter at anytime.



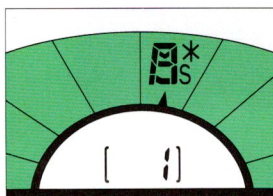
Flash Control Modes

The N70 has four—Normal Sync for regular flash photography, Rear-Curtain Sync, Slow Sync and Red-Eye Reduction.



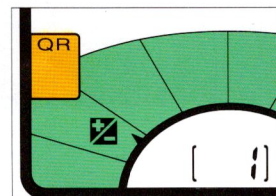
Auto Exposure Bracketing

Take three different exposures of the same scene automatically. Pick the compensation value you want from 1/3 to 1/2 and 2/3 or in 1 EV steps.



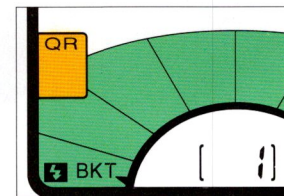
Exposure Modes

From performance-proven Auto Program with Flexible Program to Shutter-Priority Auto, Aperture-Priority Auto, Manual and Nikon's unique built-in Vari-Program.



Exposure Compensation

You can set any exposure compensation value from -5 to +5 EV in fine increments of 1/3 EV.



Flash Exposure Bracketing

Enables you to take three different flash exposures of the same scene, automatically. Choose compensation value: 1/3, 1/2, 2/3 or 1 EV steps.

You can sense when something new is happening, and you can envision how it will work for you. Look, the N70's redesigned Information Display Panel is unlike any other you've seen. It's all so natural. Control buttons are colored to correspond to the display. And there are fewer buttons, too. A big LCD makes it all easy to view. Special attention to make the N70 quiet gives another advantage. Everything seems hushed as you shoot.

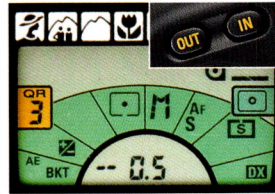
You'll admire the design because it's exquisite. You'll appreciate the design because it helps you make more, great pictures.

Nomenclature

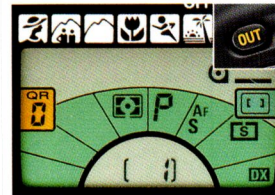


- 1 Self-timer indicator LED
- 2 Shutter release button
- 3 Power switch
- 4 LCD panel
- 5 Focus area button
- 6 Vari-Program (Ps)/film rewind button
- 7 Accessory shoe
- 8 Built-in Speedlight
- 9 SET/☺ button
- 10 FUNCTION button
- 11 QR call (OUT) button

- 12 QR set (IN)/film rewind button
- 13 Flash lock-release button
- 14 Remote terminal
- 15 Lens release button
- 16 Focus mode selector
- 17 Camera back lock release
- 18 Viewfinder eyepiece
- 19 Command input control dial
- 20 AE-L (auto exposure lock) button
- 21 Tripod socket
- 22 Battery chamber cover lock release



Quick Recall Function
Recall up to three combinations of your favorite settings at the push of a button.



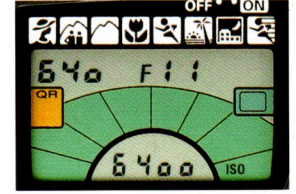
Factory Initial Setting
There's also a Quick Recall function that automatically takes the N70 to its factory initial settings which include these combinations: Auto Multi-Program, Wide-Area AF, Matrix Metering, Single-Servo AF and Single film advance.



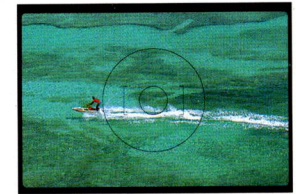
Automatic, Quiet Film Operation
From film loading to film advance and film rewind—all film operations are automatic and mistake-proof... and really quiet.



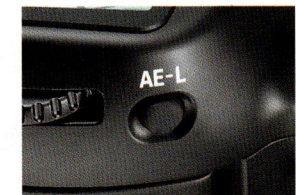
Viewfinder LCD
Most of the data indicated on the top deck LCD panel is duplicated in the viewfinder LCD.



Manual ISO Film Speed Setting
You can override the automatic DX coding of the ISO rating of the film in use, anywhere from ISO 6 to ISO 6400. A technique pros use to boost film speed intentionally.



Clear-View Finder Screen
This new finder screen provides crystal-clear viewing with any Nikkor lens in use. It makes it so much easier to confirm sharpness for pin-point manual focusing.



AE Lock
To lock the metered exposure value, press this button. Extremely useful when recomposing a picture.



Powerful Power Source
The N70 runs on two 3V lithium batteries (CR123A). They power the powerful built-in Speedlight and the swift movement of the N70's autofocus motor.



Full exposure control for better, more creative pictures.

The N70's three metering systems will guide you towards the best exposure. Its comprehensive exposure control system allows you to choose how the shutter speed and aperture are set.



P Auto-Multi Program

Perfect for general picture-taking. The camera's computer chooses both the shutter speed and aperture automatically.

P* Flexible Program

A useful Nikon touch. Keeping the correct exposure, you can shift the combination of shutter speed and aperture normally set by

Auto-Multi Program.

S Shutter-Priority Auto

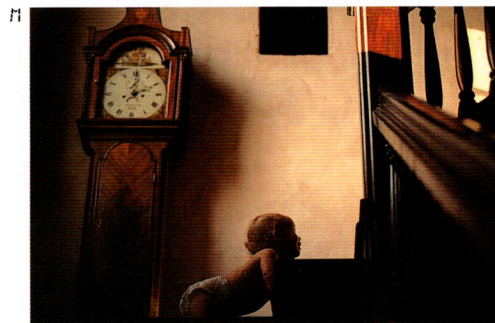
Full range of shutter speeds—from 1/4000 to 30 seconds—and you can fine-tune speed in increments of 1/3 EV.

A Aperture-Priority Auto

This mode gives you ideal control over depth of field. Or you can use it to have the fastest shutter speed available at full-aperture settings.

M Manual Exposure:

You set aperture and shutter speed. The viewfinder LCD indicates how much you have deviated from the metered exposure value.



BKT

AE-L (Auto Exposure Lock)

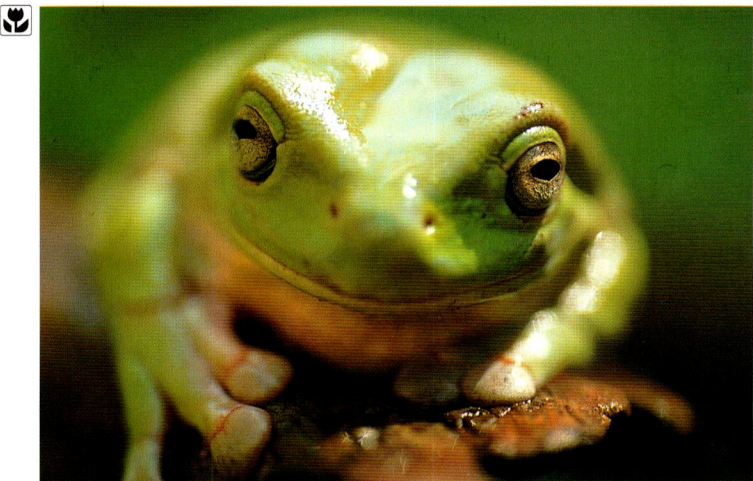
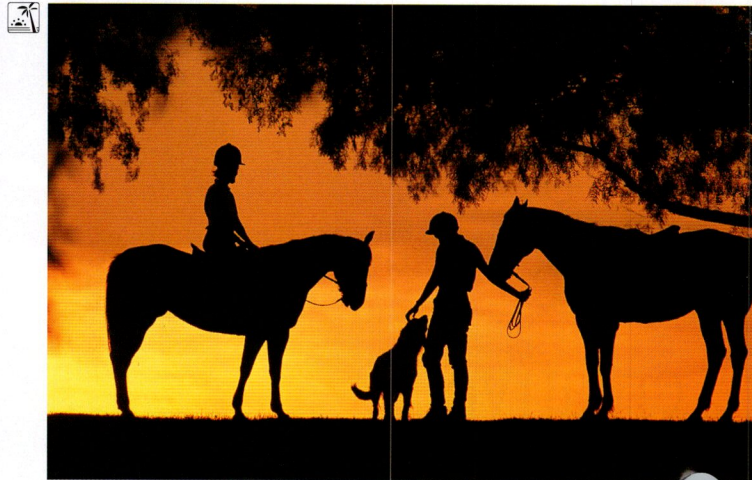
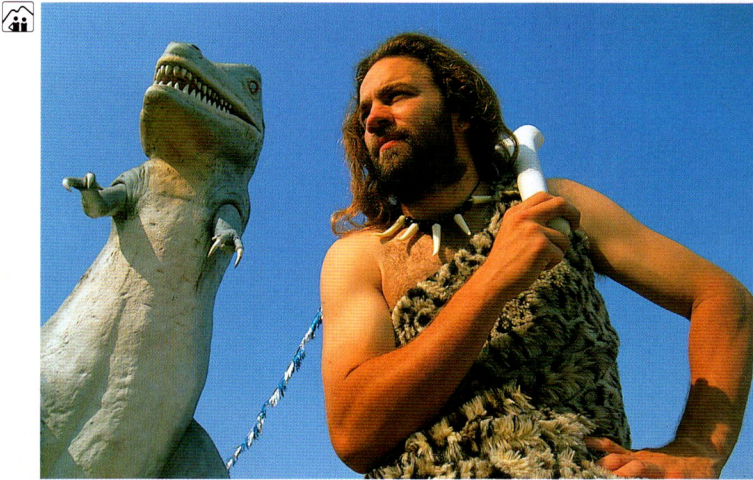
Memorizes metered exposure value—for when you want to change picture composition or emphasize a specific part of the picture.

+ Exposure Compensation

From -5 to +5 EV in fine increments of 1/3 EV for delicate exposure control.

BKT All-Mode Exposure Bracketing

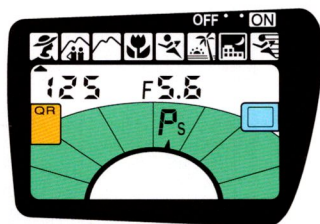
Select Exposure Bracketing on the LCD window, choose the exposure value difference from 1/3, 1/2, 2/3 or in 1 EV steps. Up to three automatic, consecutive variations in exposure are possible.



VARI-PROGRAM

Nikon- customized pro-like techniques.

Vari-Program gives you all the power of the N70's features—with the convenience of automation. Just set the camera to the type of picture you've envisioned, and let Vari-Program apply Nikon's special insight. Not every situation can be accommodated with one set of Program controls, so the N70 gives you eight different Programmed operations with proven effects. Vari-Program—Nikon's versatile solution to the sometimes complex problems of photography.



Portrait Program

Emphasizes wider apertures for correspondingly shallower depth of field. The subject stands out in bold relief against the blurred background. Great with medium telephoto lenses.

Hyperfocal Program

Emulates the performance of hyperfocal operation by using small apertures to expand the depth of field for increased overall sharpness. The perfect program for taking highly detailed scenic pictures with wideangle and normal lenses.

Landscape Program

Emphasizes depth of field, with control based on the focal length of the lens in use. Wideangle and normal lenses enhance performance.

Close-Up Program

Controls aperture to f/5.6 or f/8 to keep depth of field shallow, making the detailed subject stand out from the background.

Sport Program

Biased toward higher effective shutter speeds to keep depth of field shallow, thus freezing the moving main subject in sharp focus while keeping the background out of focus.

Silhouette Program

Works especially well with Matrix Metering to automatically make the main subject silhouetted (underexposed) against the background.

Night Scene Program

Chooses slow shutter speeds for low-light scenes while keeping the depth of field relatively large. With the N70's built-in Speedlight, Slow Sync flash is also possible.

Motion Effect Program

For creating the effect of movement in a scene, such as a car speeding by or a cascading fountain or waterfall. You can also use this program to achieve a panning effect, making the background appear like a stream of light.

P_S* Flexible Program for Vari-Program Modes

Usable for any Vari-Program mode. Enables you to shift the program in 1/3 EV steps so you can do your own variation, while keeping correct exposure.

NIKKOR LENSES

The over-
whelming
choice of
profession-
als, better
than ever.



20mm



28mm



35mm



50mm



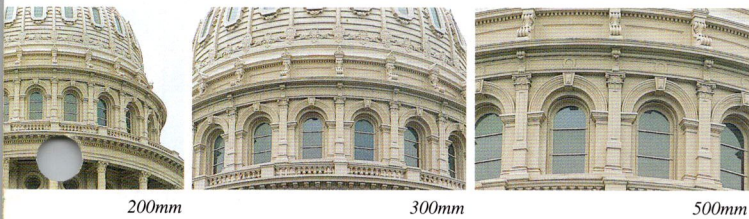
105mm



Nikon is one of the world's most experienced manufacturers of optical glass. We make lenses for eyeglasses, astronomical telescopes, binoculars, magnifiers and other high-accuracy optical instruments. The incredible precision required to produce this type of equipment attests to Nikon's passion for excellence. Nikon's world-renowned reputation extends to lenses for the world's professionals. Professional photographers see the world and beyond through Nikkor lenses. You've seen the results in newspapers and gallery exhibitions, wherever professional work is shown. *The world's greatest pictures are everywhere that there's a Nikon photographer.*

Nikon F lens mount

Like a diamond, the F mount has endured—we've added features to our lenses, never changing the basic lens mount, keeping performance and capability advanced and with the times. *You can choose Nikon today and enjoy the value of your Nikon into the future.*



Pioneering innovations in lens design

Many of the features incorporated into Nikkor lenses are Nikon's own innovations. These include Nikon Integrated Coating for superior contrast and color rendition; Close-Range Correction (CRC) for exceptional quality from near to far; aspherical lens elements for virtually distortion-free performance; and Extra-low Dispersion (ED) glass for chromatic aberration-free telephoto lenses. Nikon-pioneered Internal Focusing (IF) also makes focusing totally responsive, with no extension of the lens barrel. And D-type AF Nikkor lenses send camera-to-subject distance information to the compatible camera's computer for enhanced exposure control.

Comprehensive

The Nikon System includes a complete selection of Micro Nikkor, fast aperture zooms like the 20-35mm f/2.8 and the 80-200mm f/2.8, superfast lenses like the 28mm f/1.4, 105mm f/2 and 135mm f/2.

Nikkor lenses bring the best out of Nikon cameras. They help make Nikon the overwhelming choice of professionals everywhere.



Compatible lenses

AF and AF-I Nikkors

AF 20-35mm f/2.8D
AF 24-50mm f/3.3-4.5
AF 28-70mm f/3.5-5.6D
AF 28-85mm f/3.5-4.5
AF 35-70mm f/2.8D
AF 35-80mm f/4-5.6D
AF 35-105mm f/3.5-4.5D
AF 35-135mm f/3.5-4.5
AF 70-210mm f/4-5.6D
AF 75-300mm f/4.5-5.6
AF 80-200mm f/2.8D ED
AF 18mm f/2.8D
AF 20mm f/2.8D
AF 24mm f/2.8D
AF 28mm f/1.4D
AF 28mm f/2.8D
AF 35mm f/2
AF 50mm f/1.4
AF 50mm f/1.8
AF 85mm f/1.8D
AF 180mm f/2.8D ED-IF
AF 300mm f/2.8 ED-IF
AF-I 300mm f/2.8D ED-IF

AI-P-type Nikkors

500mm f/4 P ED-IF
1200-1700mm f/5.6-8 P ED-IF

AI- and AI-S-type Nikkors

28-85mm f/3.5-4.5
35-70mm f/3.3-4.5
35-105mm f/3.5-4.5
35-135mm f/3.5-4.5
35-200mm f/3.5-4.5
80-200mm f/4
50-300mm f/4.5 ED
100-300mm f/5.6
180-600mm f/8 ED
13mm f/5.6

15mm f/3.5
18mm f/3.5
20mm f/2.8
24mm f/2
24mm f/2.8
28mm f/2
28mm f/2.8
35mm f/1.4
35mm f/2
35mm f/2.8
50mm f/1.2
50mm f/1.4
50mm f/1.8
85mm f/1.4
85mm f/2
105mm f/1.8
105mm f/2.5
135mm f/2
135mm f/2.8
180mm f/2.8 ED
200mm f/2 ED-IF
200mm f/4
300mm f/2.8 ED-IF
300mm f/4.5

300mm f/4.5 ED-IF
400mm f/2.8 ED-IF
400mm f/3.5 ED-IF
400mm f/5.6 ED-IF
600mm f/4 ED-IF
600mm f/5.6 ED-IF
800mm f/5.6 ED-IF
Fisheye 6mm f/2.8
Fisheye 8mm f/2.8
Fisheye 16mm f/2.8
Noct 58mm f/1.2
Micro 200mm f/4 IF
UV 105mm f/4.5

Other Nikkors
Reflex 500mm f/8
Reflex 1000mm f/11
Reflex 2000mm f/11
PC 28mm f/3.5
PC 35mm f/2.8
Medical 120mm f/4 IF

Lens Compatibility Chart

Lens	Focusing			Exposure mode			Metering system		
	AF	Electronic Range-finder	P & Ps modes	S mode	A mode	M mode	Matrix	Center-Weighted	Spot
AF & AF-I Nikkors	O	O	O	O	O	O	O ¹	O	O
AI-P-type Nikkors	X	O ²	O	O	O	O	O	O	O
AI- & AI-S-type Nikkors	X	O ²	X	X	O	O	X	O	O
Reflex Nikkors	X	X	X	X	O ³	O ³	X	O	O
PC-Nikkors	X	X	X	X	O ⁴	O ⁵	X	O	O
Medical-Nikkors	X	O	X	X	X	O ⁶	X	X	X

O Compatible X Incompatible

- 3D Matrix Metering is selected with D-type AF Nikkor and Matrix Metering is selected with non-D-type lenses.
- With maximum aperture of f/5.6 or faster.
- Aperture cannot be selected.

- Set preset ring, then use AE-lock lever before shifting.
- Set preset ring, then determine exposure before shifting.
- Set shutter speed to 1/125 sec. or slower.

Built-in Speedlight and Nikkor lens compatibility

Compatible Nikkor lenses

Lenses with focal length 28mm to 300mm (except AF Zoom-Nikkor 20-35mm f/2.8D, Zoom-Nikkor 180-600mm f/8 ED, Nikkor 200mm f/2 ED-IF and Nikkor 300mm f/2.8 ED-IF).

Important!

- Built-in Speedlight cannot be used with zoom lenses set at shorter than 28mm focal length
- Or with zoom lenses used for macro photography
- Do not use a lens hood; it could cause slight vignetting

Because the Speedlight is relatively close to the lens, when a larger lens is used, or when a zoom lens is extended, the top of the lens may obstruct the Speedlight. Built-in Speedlight cannot be used with the following lenses in the conditions indicated.

AF 28-85mm f/3.5-4.5: at a focal length shorter than 35mm; AF 35-70mm f/2.8D: if subject is within 3.3 ft. at a 35mm focal length; AF 28mm f/1.4D: if subject is within 2.3 ft.; AF 300mm f/2.8 ED-IF: if subject is within 10.5 ft.; 28-85mm f/3.5-4.5: at a focal length shorter than 35mm; 50-300mm f/4.5 ED: at a focal length shorter than 135mm.

ACCESSORIES

Expand your vision.

The N70 is full of features, and you can take advantage of them by using various accessories for even more advanced or specialized photography—from close-up equipment to remote control accessories, filters, camera cases and straps. Sometimes you might even want to add a little more power to your flash photography with an optional Speedlight or more. The comprehensive Nikon System: there to help you take the world's greatest pictures.



Nikon Speedlights

The N70's built-in Speedlight provides you with powerful and automatic operation. A Nikon Speedlight like the SB-26 will give you extra features like bounce flash, zoom flash head, stroboscopic effect, manual flash operation and more.



Nikon close-up accessories

You get close focusing with every AF Zoom-Nikkor lens, but you can get even closer with an AF Micro-Nikkor—the ultimate in close-up sharpness and overall focusing range. You can also choose a close-up attachment, available in 0, 1, 2, 3T, 4T, 5T and 6T versions.



Nikon neckstraps

Strong, reliable and perfectly sized for Nikon cameras. Choose the black AN-4B web-nylon strap, yellow AN-4Y or wine-red AN-6W.



Nikon camera cases

Various types include the CF-51 and CF-52



Nikon filters

Filters can add a colorful, exciting dimension to your pictures. They enhance the results you get from your Nikkor lens, so use only Nikon filters for consistently great results.



Nikon eyepiece correction lenses

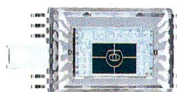
If you normally wear eyeglasses, you'll appreciate the N70's high-eyepoint finder, but you may want to check if there's a Nikon eyepiece correction + or - diopter lens that suits you.

DETAILS



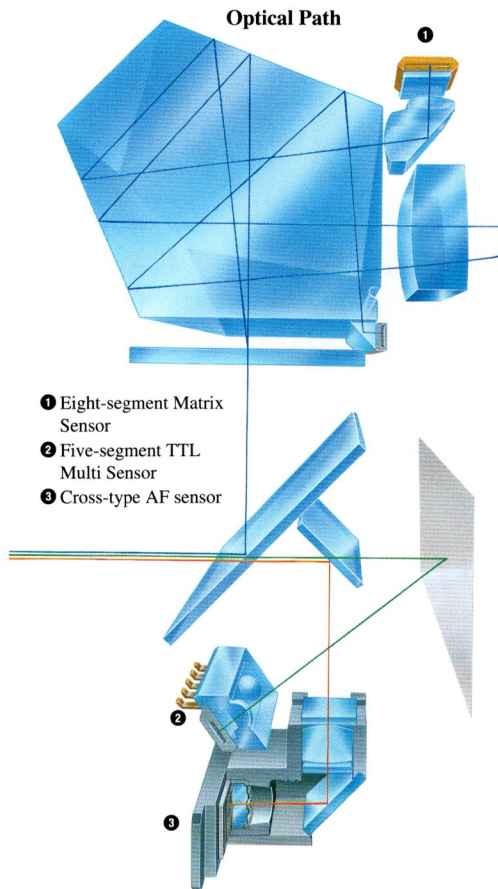
Cross-Type Autofocus Sensor Module

Nikon's new sensor module has a focus detection area that is 7mm horizontal (the industry's widest) and 3mm vertical. The cross-type configuration assures quick detection of even minute patterns and off-center subjects. Working with this sensor are a newly developed microcomputer and software that process focus detection data faster and more precisely, plus a more powerful autofocus motor.



3D Matrix Metering

An SPD (Silicon Photo Diode) sensor divides the scene into eight segments; the N70's microcomputer then reads the light pattern for data on brightness and calculates contrast to put out optimum exposure value. The sensor works in combination with wide-area AF sensor to link focus data with exposure metering. In combination with the D-type AF Nikkor lens in use, the meter links exposure control information with *subject-to-camera*

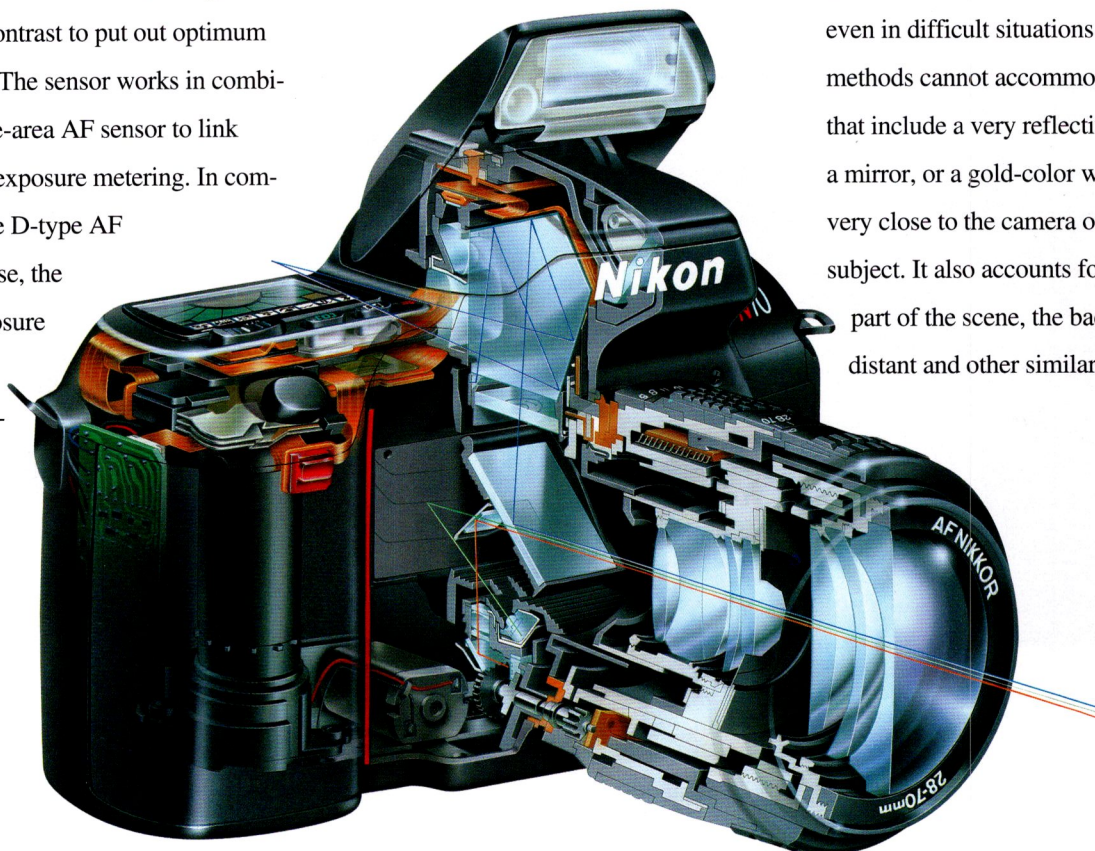


distance to enhance exposure calculations with picture composition analysis.



3D Multi-Sensor Balanced Fill-Flash

The N70 uses a five-segment TTL Multi Sensor. Subject-to-camera information is delivered from the D-type Nikkor lens in use to the camera's microcomputer. The built-in Speedlight fires a series of dim Monitor Pre-flashes, during which the N70 compares the brightness level of each of the five segments in order to determine in which segment(s) the main subject is located, which segments to ignore and what amount of light is needed. The actual flash then fires to deliver a flash picture of extraordinary quality. The N70 ensures correct exposure even in difficult situations which ordinary methods cannot accommodate, i.e., scenes that include a very reflective object such as a mirror, or a gold-color wall, or something very close to the camera other than the main subject. It also accounts for the sun being part of the scene, the background very distant and other similar conditions.



SPECIFICATIONS

Type of camera Integral-motor autofocus 35mm single-lens reflex

Picture format 24mm × 36mm (standard 35mm film format)

Lens mount Nikon F mount

Lens Nikkor and Nikon lenses having Nikon F mount with some limitations; see chart on p. 19

Focus modes Autofocus, and Manual with Electronic Rangefinder

Autofocus area Wide and Spot selectable

Autofocus modes Single Servo AF and Continuous Servo AF

Focus Tracking Automatically activated when subject moves

Autofocus detection system Nikon CAM274 autofocus module

Autofocus detection range Approx. EV -1 to EV 19 (at ISO 100)

Autofocus lock Possible once stationary subject is in focus in Single Servo AF

Electronic rangefinder Available in Manual focus mode with AF Nikkor and other AI-type Nikkor lens with a maximum aperture of f/5.6 or faster

Exposure metering Three built-in exposure meters —Matrix, Center-Weighted and Spot

Metering range (at ISO 100 with f/1.4 lens) EV -1 to EV 20 for Matrix and Center-Weighted metering; EV 4 to EV 20 for Spot metering

Exposure meter Activated by lightly pressing shutter release button; stays on for 8 sec., after finger leaves button

Exposure modes Programmed Auto (Auto-Multi Program and Vari-Program), Shutter-Priority Auto, Aperture-Priority Auto and Manual

Programmed Auto exposure control Camera sets both shutter speed and lens aperture automatically; Flexible Program possible in increments of 1/3 EV

Shutter-Priority Auto exposure control Aperture automatically selected to match manually set shutter speed

Aperture-Priority Auto exposure control Shutter speed automatically selected to match manually set aperture

Manual exposure control Both aperture and shutter speed are set manually

Vari-Program Eight kinds built-in: Portrait Program, Hyperfocal Program, Landscape Program, Close-Up Program, Sport Program, Silhouette Program, Night Scene Program, and Motion Effect Program; each has its own program line

Quick Recall function By QR button the original or favorite camera settings can be recalled; up to three settings can be memorized

Exposure compensation With exposure compensation button; ±5 EV range, in 1/3 EV steps

Auto exposure lock By pressing AE-L (auto exposure lock) button while exposure meter is activated

Shutter Electromagnetically controlled vertical-travel focal-plane shutter

Shutter release By motor trigger

Shutter speeds Lithium niobate oscillator-controlled speeds from 1/4000 to 30 sec in 1/3 EV steps; electromagnetically controlled Bulb setting is provided

Viewfinder Fixed eyelevel pentaprism high-eye-point type; 0.78× magnification with 50mm lens set at infinity; approx. 92% frame coverage

Eye point Approx. 18mm

Focusing screen New Nikon advanced B-type BriteView screen II; fixed

Viewfinder information Focus area, focus indications, exposure metering system, exposure mode, Flexible Program, shutter speed, aperture, electronic analog display, exposure compensation and flash output compensation are all shown in LCD readout; also shows flash recommended light and ready light LEDs

LCD panel information Shutter speed, aperture, QR,



focus area, film speed setting mode, film advance mode, focus mode, exposure mode, exposure metering system, flash sync mode, exposure compensation/flash output level compensation, All-Mode Exposure Bracketing/Flash Exposure Bracketing and frame counter/compensation value, film loading, film rewind, self-timer and battery power

Viewfinder/LCD panel illumination Automatically activates when exposure meter is on

Film speed range ISO 25 to 5000 for DX-coded film; ISO 6 to 6400 can be manually set

Film speed setting At DX position, automatically set to ISO speed of DX-coded film used; manual setting possible

Film loading Film automatically advances to first frame when shutter release button is depressed once

Film advance In single-frame and single-frame silent rewind mode, film automatically advances one frame when shutter is released; in continuous high or continuous low shooting mode, shots are taken as long as shutter release button is depressed; in continuous high mode, shooting speed is approx. 3.7 fps, and in continuous low approx. 2.0 fps

Film rewind By pressing IN and Ps button; fast rewind or silent rewind is selectable

Frame counter Additive type; counts back while film is being rewound

Self-timer Electronically controlled; blinking LED indicates self-timer operation; cancelable

Reflex mirror Automatic, instant-return type

Camera back Hinged back; unchangeable

Accessory shoe Standard ISO-type hot-shoe contact; ready-light contact, TTL flash contact, monitor contact; Mount receptacle for SB-26's Posi-Mount System is provided

Built-in TTL Speedlight Guide number: 46 (ISO 100, ft.); flash coverage: 28mm or longer lens; Red-Eye Reduction, TTL flash control including 3D Multi-Sensor Balanced Fill-Flash, Slow Sync and Rear-Curtain Sync are possible

Flash synchronization Up to 1/125 sec.

TTL Multi Sensor Five-segment multi sensor used for TTL auto flash control

Automatic Balanced Fill-Flash with TTL Multi

Sensor Possible when AF Nikkor or AI-P Nikkor lens is used with built-in Speedlight or Nikon Speedlight SB-26, SB-23, SB-22, SB-20, etc.

Monitor Pre-flash Built-in TTL Speedlight or Nikon Speedlight SB-26 fires Monitor Pre-flash(es) for TTL multi sensor when AF Nikkor or AI-P Nikkor lens is used

Flash recommended light Lights up when flash is recommended

Flash ready light Lights up when flash is ready




Number of 36-exposure film rolls per set of fresh batteries*

	At 68°F	At 14°F
Without flash	115	80
With 50% flash	25	20

* For autofocus operation using AF Zoom-

Nikkor 35-80mm f/4-f/5.6D lens covering the full range from infinity (∞) to the closest distance and back to infinity (∞) before each shot, in Continuous Servo AF mode with film advance mode at CH and a shutter speed of 1/125 sec. or faster.

Power source Two CR123A-type lithium batteries

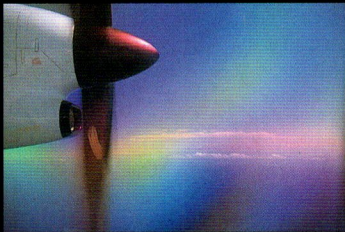
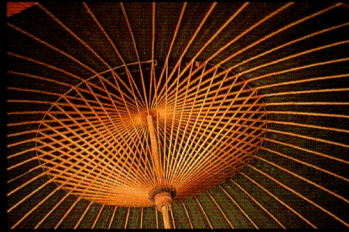
Battery power confirmation  for sufficient power; blinking  indicates batteries are nearing exhaustion;  indicates batteries are just about exhausted; no indication/mark appears when batteries are completely exhausted or improperly installed

Dimensions (W × H × D) Approx. 5.9 × 4.1 × 2.8 in.

Weight (without batteries) Approx. 20.6 oz.

Specifications apply when fresh batteries are used, at normal temperature (68°F).

Specifications and designs are subject to change without notice.



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