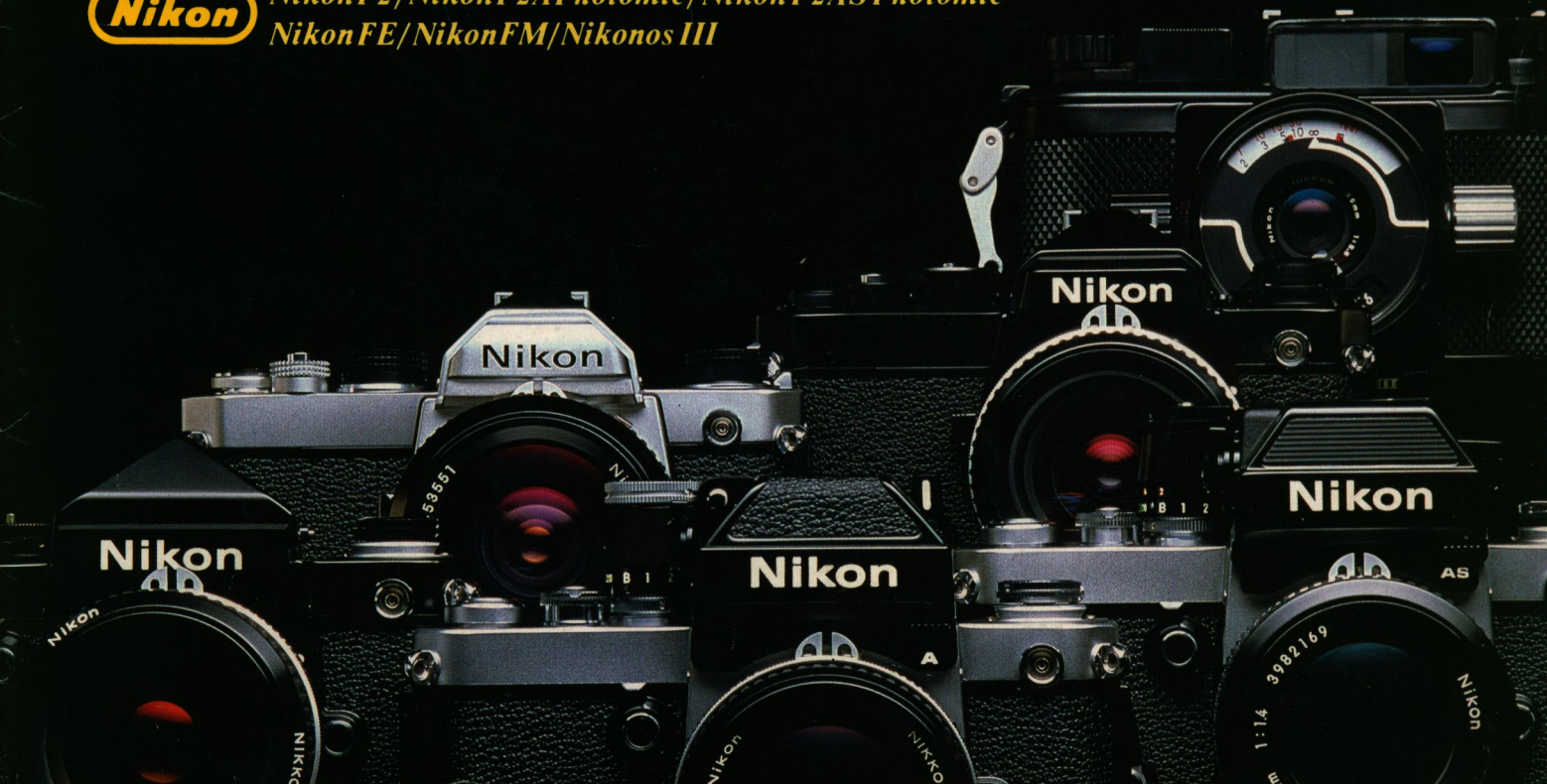


Nikon



*Nikon F2/Nikon F2A Photomic/Nikon F2AS Photomic
Nikon FE/Nikon FM/Nikonos III*





Nikon F2

Accepted as the Standard for Highest
Photographic Achievement

Precision. Precision that defines the state-of-the-art in 35mm SLR photography. The Nikon F2 extends your horizons in creative photography in their most durable and versatile form.

Durable, because only selected materials — from the exotic, heat-resistant quilted titanium foil shutter curtains to the rugged, but precise die-cast body shell — that can endure and triumph under the hectic pace and punishment of professional-class photography are used.

Versatile, because the F2, as the “core” of the Nikon System, was designed from the start to offer interchangeability — six viewfinders, 19 focusing screens, two motor drive systems, including bulk film backs, remote control and a timer. In the accessory line-up there is close-up equipment, a flash system, nearly 60 Nikkor lenses and numerous other photographic aids. Every aspect of the F2 is itself a hallmark of Nikon’s uncompromising quality — virtually 100% frame coverage for critical edge-to-edge composition; a large reflex mirror for vignetting-free viewing even with long telephotos; a precision engineered film transport system to keep your film flat at a pounding 5 fps. on motor drive; an ultra-short, smooth 120° film advance lever action and; a unique shutter with stepless speed selection from 1/2000 sec. to 1/80 sec., and down to a full 10 seconds in the slow speed range. Other “professional touches” include mirror lockup, depth of field previewing and multi-exposure function.

But why three F2 Nikons? Because photographers have individual needs and performance requirements. All three F2s share the same basic body, but offer the enthusiast different exposure metering capability.

The “plain” F2 is designed for photographers who prefer to do everything by themselves. In fact, it is the only fully mechanical, non-TTL metering 35mm SLR on the market. Smallest and lightest of the F2 range, the plain F2 is Nikon’s answer to, and recognition of the professional cameraman’s wish for non-automatic, non-electronic equipment. Fitted with a bright DE-1 Eye-level Finder that has, for all practical purposes, 100% field coverage, you can compose right to the edges of the screen. A built-in ready light in the viewfinder aids shooting when using flash.

Simple yet sophisticated, and every inch a professional — the Nikon F2.



Nikon F2A *Photomic*

Finer Photography with Exact Exposures

Innovative, and yet traditionally Nikon, the F2A combines all the characteristics of the F2 basic body with the sophistication of the DP-11 Photomic Finder to create a camera that "feels just right" to both professionals and amateurs alike.

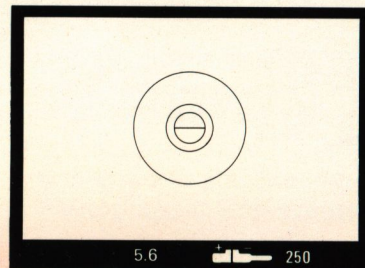
The Nikon center-weighted metering system used in the F2A's



Photomic Finder has won wide acclaim throughout the camera world as the most reliable system for through-the-lens metering. In this system, twin light sensors (Cds in the DP-11) read the brightness over the entire area of the viewing screen, but concentrate 60% of their sensitivity on the 12mm diameter circle in the center. And center-weighted balance is uniform with all lenses to assure reliable, accurate exposure determination, even for "grab" shots. Meter sensitivity range is from EV 1 to EV 17, which means an exposure of 1 second at f/1.4 to an exposure of 1/2000 at f/8, assuming that you are using an f/1.4 lens and ASA 100 film.

Correct exposure is determined by needle centering and exposure information — shutter speed and (in the case of AI lenses) aperture setting — visible below the picture area. Other finder features include a built-in flash ready light, stop-down metering, automatic maximum aperture indexing and a reference exposure meter on top.

Add all this F2A individualism to the F2 basic body, and you have dynamism unlimited — the Nikon F2A.





Nikon F2AS *Photomic*

Greater Metering Range and EE Aperture Control

Undoubtedly the most advanced TTL metering SLR camera in the Nikon line-up. All the features of the F2 basic body join forces with the electronic sophistication of the DP-12 Photomic Finder to achieve unsurpassed professional performance.

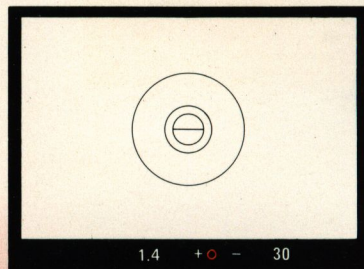
Extended light metering sensitivity — EV -2 to EV 17 — enables very-low light metering, which in practice means a full 8 sec. exposure at f/1.4 to a 1/2000 sec. exposure at f/8 with an f/1.4 lens



and ASA 100 film. And used together with the accessory DS-12 EE Aperture Control Attachment, the F2AS transforms into a shutter-speed priority, fully automatic exposure control camera. Twin silicon photodiode sensors, with Nikon's proven center-weighted sensing pattern, assure accurate, reliable exposure determination, even in action-packed point-and-shoot situations. All the information you need is displayed clearly just below the picture area — an advanced, 5-point LED readout system that indicates correct, over- or under-exposure, selected shutter speed and, (in the case of AI lenses) aperture setting, too. Other professional features include an external correct exposure indicator/built-in illuminator for easy information readout during low light level shooting, stop-down metering, auto indexing, a neon flash ready light and an eyepiece shutter.

Simply add the EE aperture control attachment DS-12, a motor drive, bulk film back, and intervalometer, and you can go into unmanned photography.

Top of its class — the Nikon F2AS.



+	Overexposure by more than 1 stop
+ ○	Overexposure by 1/5 to 1 stop
○	Correct exposure
○ -	Underexposure by 1/5 to 1 stop
-	Underexposure by more than 1 stop



*Nikon F2AS Photomic with EE Aperture Control Attachment
DS-12 and Motor Drive MD-2*



A

1000
500
250
125
60
30
15
8
4
2
1
2
4
8

M
B



Nikon FE

Easy Picture-taking with Nikon's Auto Compact

Nikon FE brings you not only full-enjoyment photography with maximum handling ease, but also many of Nikon's time-proven features in a compact automatic format.

In a fully integrated and lightweight design, the FE offers an electronically-controlled shutter with stepless speeds from 8 sec. to 1/1000 sec. for automatic aperture-priority exposure control. And, of course, there is a manual override for match-needle operation as well.



Twin silicon photodiode sensors coupled with Nikon's proven center-weighted sensing pattern ensure precise metering over the FE's entire range of EV 1 to EV 18 (i.e. f/1.4, 1 sec. to f/16, 1/1000 sec. with an f/1.4 lens and ASA 100 film). Moreover, the FE accepts 3 different types of focusing screen for maximum viewing and focusing convenience over a wide range of applications. A unique memory lock further enhances efficiency in the automatic mode, allowing easy exposure bracketing and exposure data programming. Also there is an exposure compensation selector to vary metered exposure over a range from EV -2 to EV + 2 for creative tonal control of exposures even in the auto mode.

Other big features include reduced shock and noise when triggering, a smooth 135° winding lever, a multi-exposure control and a built-in ready light for the FE's companion SB-10 speedlight unit. With the SB-10 mounted, the auto mode switches on for flash photography with the shutter speed set at 1/90 sec. Automatically. In addition to the MD-11 motor drive for 3.5 fps. sequential photography, the FE accepts almost all Nikkor lenses and the vast majority of the Nikon accessory line-up.

Nikon FM

Compact, Yet a Sure Step Toward the Nikon System of Photography

A mechanical-shutter version of the FE, the Nikon FM takes you to the heart of 35mm SLR photography in a compact, easy-to-operate format that loses none of the "Nikon feel."

Operational ease is the keynote of the FM. A precision film transport system provides extra smooth 135° winding at constant torque from first frame to last — with durability to handle the

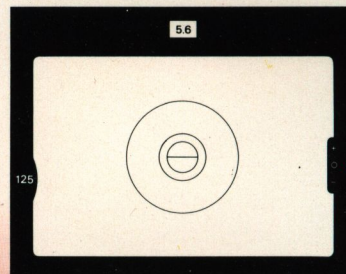


pounding of a motor drive at 3.5 fps. And a large air-damped mirror with Nikon's own braking system reduces noise, shock and vibration for even better photography.

The FM's metering uses three LED's in five combinations just like the F2AS Photomic. Using gallium photodiodes, the system features a center-weighted sensing pattern and metering capability from EV1 to EV18 (i.e. f/1.4, 1 sec. to f/16, 1/1000 sec. when using an f/1.4 lens and ASA 100 film). Exposure information is visible in the finder, too.

Easy and accurate viewing/focusing is achieved by a bright matte Fresnel screen with a combination microprism/split image spot built into the fixed eyelevel finder. Other "master touches" include depth of field previewing, stop-down metering, multiple exposures and auto indexing, etc.

Compact and reliable, the Nikon FM accepts almost all Nikkor lenses and most Nikon system accessories for the-sky's-the-limit photographic enjoyment.



+	+	Overexposure by more than 1 stop
+	+	Overexposure by 1/5 to 1 stop
+	+	Correct exposure
+	+	Underexposure by 1/5 to 1 stop
+	+	Underexposure by more than 1 stop



Nikon FM fitted with Motor Drive MD-11. This Accessory is also compatible with Nikon FE.

Francisco Hidalgo



Nikkor Lenses

As the owner of any Nikon camera, you have virtually unlimited access to the extensive Nikkor lens line-up.

For decades, Nikkor lenses have signified leadership in optical excellence, and over the years Nikon has created advanced lens types, especially in the fields of Zoom, Fisheye and Reflex lenses. Nikon is one of the very few camera makers which makes its own glass. This means that Nikon engineers are free to select the exact type of glass for the job on-hand; and the application has often required the development of new glasses and techniques. An example of the former is Nikon ED (Extra-low Dispersion) type glass for greatly improved color rendition and image contrast in telephoto lenses; the latter, Nikon Integrated Coating, NIC for short, a unique multi-layer coating that successfully reduces flare caused by internal reflections and allows further development of new lens types — particularly sophisticated multi-element lenses such as zooms.

Innovative design combines with advanced optical technology to offer you an armory of lenses that encompasses the entire spectrum from a 6mm fisheye to a 2000mm super-telephoto — nearly 60 in all. Each ready to lock onto your camera's secure and time-proven Nikon bayonet mount at a short twist-of-the-wrist. And conveniently spaced aperture and focusing rings, clearly distinguishable by touch alone, ensure perfect fumble-free operation even in grab shot action. Almost all lenses between 20mm and 200mm accept standardized 52mm size filters and accessories.



Accessories

Accessories? The Nikon system is the most comprehensive ever created for 35mm SLR photography. A vast variety of equipment — some indispensable, some highly specialized — is available off the shelf to expand your camera into an efficient and versatile tool for professional photography.

As pioneers of 35mm SLR motor drive photography, Nikon has opened up new worlds — fast sequential shooting and remote control — just two of the many other options which also include bulk backs and power sources. All Nikon SLRs feature specially designed motor drive systems for full photographic enjoyment. In addition to the viewfinders described with the cameras, there are also finders for special purposes as well as a wide selection of finder accessories. In close-up equipment, there are double-rail bellows with and without lens mount tilt & shift for extended depth of field, single-rail bellows, slide copiers with and without frame shift, as well as auto and non-auto extension tubes, copy stands and special attachment lenses.

Accessories for flash photography include ordinary speedlights, motorized flash equipment for multiple flash operation at up to 40 times per second, special ring lights and a back-up system of battery and power packs for studio and in-field applications.

And of course, there are camera and carrying cases for many kinds of equipment combinations, as well as a complete range of Nikkor compatible filters for black-and-white and color photography.

Accessories to extend your photographic horizons. Nikon.





NIKONOS III

Convenient Reliable Multi-Purpose Camera

Built to take the rough life in its stride. Nikon's Nikonos III is the camera for the photography buff who dives, climbs, sails or enjoys the bumps and thumps of the great outdoors.

Eighteen O-ring gaskets seal the Nikonos III and make it completely watertight and airtight (and therefore dust- and humidity-proof, too), so you can take it down 50 meters underwater without the need for a special bulky protective camera housing to add difficulties to your photography. And the Nikonos III has its own specially designed lens and accessory system. Four



Nikkors — two for underwater use and two for underwater and on-land use — give you the freedom of focal lengths from 15mm to 80mm. And there is a wide range of accessories, including a flash system, close-up outfit and underwater viewfinders to further extend your enjoyment.

Even in tough professional picture-taking applications, Nikonos III goes smoothly into operating theaters (the entire camera can be sterilized) or down to dusty mine faces.

Light, easy to load and operate, Nikonos III is built for adventure — the way you like it.



Nikon R10/R8 SUPER ZOOM



Nikon R10 and R8 Super Zoom cine cameras mean professional performance combined with operational simplicity. The R10's 7mm to 70mm f/1.4 and the R8's 7.5mm to 60mm f/1.8 lenses are NIC coated for image quality and ensure accurate exposure both in manual or automatic.

Activate the light-touch electromagnetic trigger to start the film rolling — dramatically fade-in at the touch of a button. Create with the two-speed motorized zoom, lap-dissolve, high-speed filming (54 fps.), reverse filming, multiple exposures and fade-out. And then, of course, there's macrophotography without accessories.

Specifications and designs shown herein are subject
to change without notice.

Nikon

NIPPON KOGAKU K.K.

Fuji Bldg., 2-3, 3-chome, Marunouchi, Chiyoda-ku, Tokyo 100, Japan ☎ 03-214-5311 Telex: J22601 (NIKON)

NIPPON KOGAKU (U.S.A.) INC.

623 Stewart Avenue, Garden City, New York 11530, U.S.A. ☎ 516-222-0233 Telex: 426539 (NKUS UI)

NIKON EUROPE B.V.

P.O. Box 7609, 1118ZJ Schiphol Airport, The Netherlands ☎ 020-156633 Telex: 13328 (NIKON NL)

NIKON AG

Kaspar Fenner-Strasse 6, 8700 Küsnacht/ZH, Switzerland ☎ 01-910 92 62 Telex: 53208 (NIKON CH)

NIKON GmbH

4 Düsseldorf 30, Uerdinger Strasse 96-102, West Germany ☎ 0211-451061 Telex: 8584019 (NIKO D)

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