


ACCESSORIES



Interchangeable viewfinders

In addition to the DE-3 High-Eyepoint Finder, the F3 High-Eyepoint camera accepts various other interchangeable viewfinders. To remove the finder, slide the finder release levers  with your thumb and finger towards the back of the camera (Fig. 1), and lift the finder out (Fig. 2). The DX-1 AF Finder provides an electronic focus-aid indication as you manually rotate the lens to obtain correct focus.

The DE-2 Eyelevel Finder offers regular eyelevel viewing and is recommended for photographers who don't wear glasses. The DW-3 Waist Level Finder is ideal when you want to use the camera at a low angle or upside down over your head for shooting over crowds. The DA-2 Action Finder works well for those situations when you can't bring your eye close to the finder, such as when you are wearing a helmet or goggles or when the camera is enclosed in a waterproof underwater housing. The DW-4 6X Magnification Finder is for critical high magnification close-up work or photomicrography. Regardless of which finder is attached, you still have full automatic exposure control because the meter is built not into the finder but the body.

When using the DA-2 or DW-3, be careful that stray light does not enter from the top and cause an inflated meter reading.

Caution: Before attaching the DX-1, the focusing screen inside the camera body must be removed (refer to the next page).

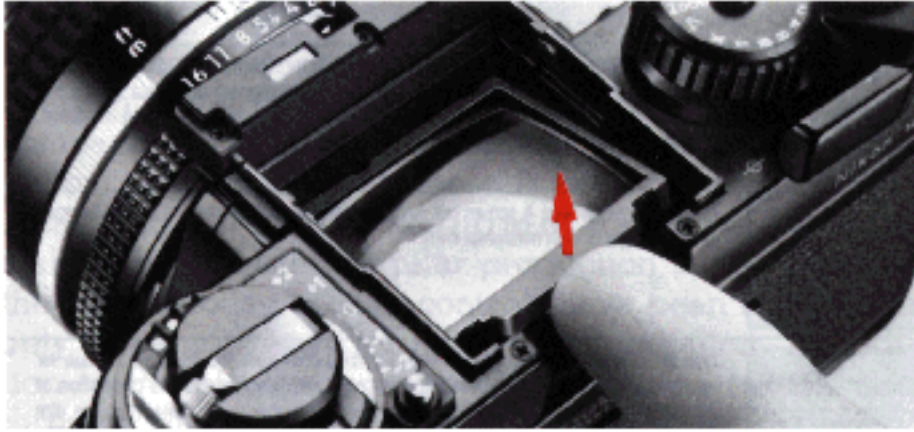


Fig. 1

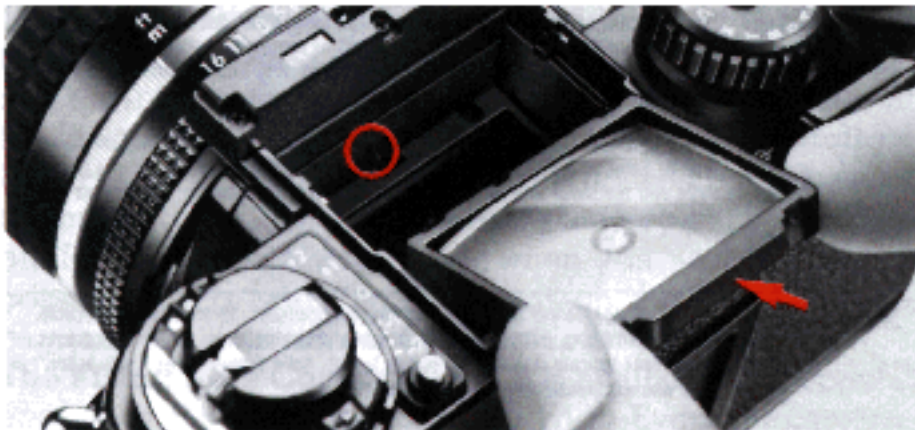


Fig. 2

Interchangeable focusing screens

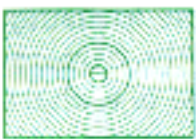
Nikon offers you a choice of 21 interchangeable focusing screens: A–U. The type K screen comes with the camera as standard equipment. On the following page is a chart listing all the screens.

To take out the focusing screen, first remove the finder, then insert your fingernail under the rear edge of the screen and lift it out (Fig. 1).

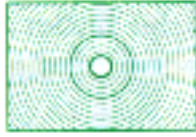
To install another screen, simply insert the front edge (the edge with the slot in the middle) under the pin and push the rear edge of the screen down into place (Fig. 2).

***Note:** For more information on which screens are compatible with which lenses, consult the instruction sheet supplied with the lens.*

Focusing Screen Selector Guide



Type A: Matte/Fresnel field with 3mm \varnothing circular split-image rangefinder spot and 12mm \varnothing reference circle. Rapid and accurate focusing. Excellent for general photography.



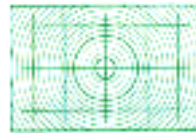
Type B: Matte/Fresnel field with 3mm ϕ fine-ground matte focusing spot and 12mm ϕ reference circle. Good for general photography, especially with long lenses.



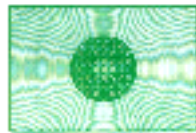
Type C: Fine-ground matte field with 4mm ϕ clear spot and cross hair. For photomicrography, astrophotography and other high-magnification applications, using parallax focusing on aerial images.



Type D: Overall fine-ground matte field Full specialized close up photography and for use with long lenses.



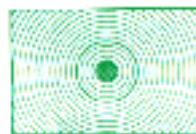
Type E: Matte/Fresnel field with 3mm ϕ fine-ground matte spot, 12mm ϕ reference circle, and etched horizontal and vertical lines. Ideal for architectural photography.



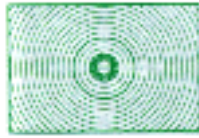
Type G: Clear Fresnel field with extra-bright 12mm ϕ microprism focusing spot for viewing and focusing in poor light. Four models (G1 - G4) are available corresponding to specific focal length lenses. Depth of field cannot be observed.



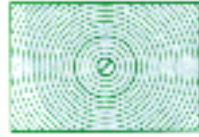
Type H: Clear Fresnel field with microprism focusing pattern over the entire screen area. Permits rapid focusing on any part of the screen with optimum edge-to-edge brightness in poor light. Available in four models (H1 - H4) corresponding to particular focal length lenses.



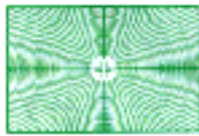
Type J: Matte/Fresnel field with central microprism focusing spot and 12mm ϕ circle. Good for general photography.



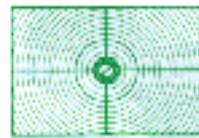
Type K: Combination of Type A and J screens. Matte/Fresnel field with 3mm ϕ split-image rangefinder spot surrounded by 1mm-wide microprism doughnut. Rapid and accurate focusing for subjects with both straight lines and ill-defined contours. Suitable for general photography.



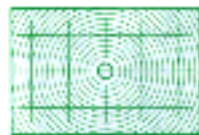
Type L: Same as Type A screen but with split-image rangefinder line at a 45° angle. Best for subjects with horizontal lines.



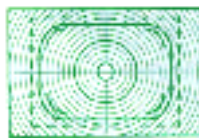
Type M: Fine-ground Fresnel field with 5.5mm ϕ clear spot and double cross hair for use in parallax focusing on aerial image, plus millimeter scales for calculation of individual magnification of objects or for measuring objects. Brilliant image in dim light. Suitable for close-ups photomicrography and other high magnification applications.



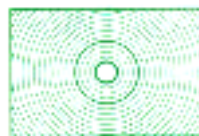
Type P: Same as Type K but with split/image rangefinder line at a 45° angle and etched horizontal and vertical lines as an aid to composition. Rapid and accurate focusing for subject with horizontal or vertical lines or ill-defined contours. Suitable for general photography.



Type R: Same as Type A but with rangefinder prisms of sloping surfaces at a smaller angle and horizontal and vertical lines to aid proper composition. Works best with lenses having maximum apertures from f/3.5 to f/5.6.



Type T: Matte/Fresnel field with split image rangefinder, 12mm ϕ reference circle, and horizontal and vertical lines. Used when preparing slides for TV broadcasts. Dotted lines indicate standard TV screen format. Solid outline shows safe action area whereas broken lines indicate "safe title" area.



Type U: Matte/Fresnel field with 3mm ϕ fine-ground matte focusing spot and 12mm ϕ reference circle. Utilizes the same matte field as Type B, but with lenses longer than 100mm the image in the viewfinder is easier to see.

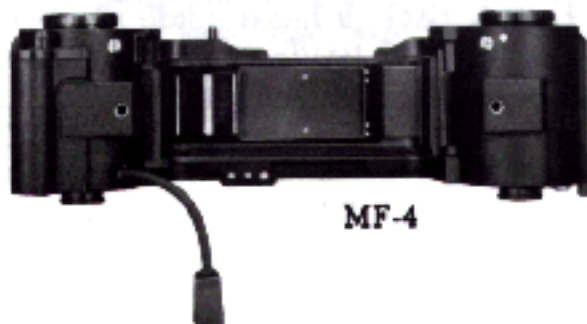
With shorter focal-length lenses, this screen is not suitable because of light fall-off in the corners.



**F3 High-Eyepoint
with MD-4**



MK-1



MF-4

Motor Drive MD-4

One of the most exciting accessories for the F3 High-Eyepoint camera is the Motor Drive MD-4. This amazingly compact, light, and streamlined unit attaches to the bottom of the camera in seconds and advances the film either singly or in sequence up to 6* frames per second— making it the fastest regular production motor drive on the market today. Actual controls have been reduced to only those necessary for convenient operation. In addition to the electromagnetic trigger button (which also turns on the camera's meter when depressed halfway), there are its concentric S-C (Single/Continuous) mode selector, a battery check button and LED indicators, two interlocking rewind slides for automatic film rewinding, and a subtractive frame counter which stops the motor at the desired number of frames. Eight AA-type penlight batteries fit into a quick-release clip housed in the base of the motor drive. An optional NiCd battery pack is available for use in cold weather or when you want the fastest possible firing rate. Once you attach the MD-4 to your camera, you'll never want to take it off.

The Firing Rate Converter MK-1 is available as a special accessory for a motor-driven F3 High-Eyepoint

camera. It screws into the tripod socket of the MD-4 and plugs into the remote terminal to provide three firing rates—1, 2, or 3 frames per second. It has its own handy trigger button for use in vertical format shooting.

The Magazine Back MF-4 for shooting up to 250 frames without changing film is also available as an option.

- *Possible with NiCd battery pack at 1/125 sec. or above with the mirror locked up.*

Electronic Flash Units

Nikon Speedlights are dedicated electronic flash units and provide the perfect complement to your F3 High-Eyepoint camera. Just set the aperture and flash output is measured through the lens for correct exposures regardless of the lens in use.

Speedlights SB-16A and 17

The SB-16A and SB-17 mount directly on the camera for automatic TTL flash exposure control. The SB-16A features two flash heads for more natural bounce-flash portraits: main head tilts 90° and rotates 270°; the secondary head faces straight ahead to provide catchlight in subject's eyes. Main head zooms in and out to match the coverage of 28, 35, 50 and 85mm lenses with a guide number of 32 (ISO 100 and meters) or 105 (ISO 100/feet). The light, compact SB-17 has a guide number of 25 (ISO 100/meters) or 82 (ISO 100/feet) and features a rotating flash head and tilting 90° flashtube module for convenient bounce flash.

Speedlights SB-11 and 14

When you require a bracket mounting unit, Nikon offers two, the SB-11 and SB-14. The powerful SB-11 has a guide number of 36 (ISO 100/meters) or 118 (ISO 100/feet) and features a 120° tilting flash head for bounce flash. The SB-14 requires a separate battery pack. It has a guide number of 32 (ISO 100/meters) or 105 (ISO 100/feet), and tilts 120° and rotates 120° for total bounce control. For automatic TTL control, these units must be used with TTL remote cord SC-12

Speedlight SB-21A

The SB-21A lets you use TTL automatic exposure for macro photography, and a convenient focus illuminator ensures pin-point focus adjustment. The flash head offers a 65° horizontal and 85° vertical angle of coverage, and a wide illuminator panel lets you shoot flash-to-subject distances closer than 40mm (approx. 1.6 in.). SB-21A can be used with an external power source (AC or DC). Guide number is 13 (at ISO 100/meters) or 43 (at ISO 100/feet) with internal batteries, and 15 (or 49) with external power source.



OTHER ACCESSORIES

Eyepiece Correction Lenses

Screwing into the finder eyepiece, four separate lenses are provided, so that near- and farsighted photographers can use the F3 High-Eyepoint camera without their glasses. They are available in -2, 0, + 1 and + 2 diopters representing the combined dioptery of the finder and lens.

Eyepiece Adapter DK-1

The DK-1 is required when either the DR-3 Right-Angle Viewing Attachment, the DG-2 Eyepiece Magnifier, or an Eyepiece Correction Lens designed for the F3 (but not the F3 High-Eyepoint) camera is attached to the Nikon F3 High-Eyepoint camera's viewfinder eyepiece. Note that slight vignetting may occur when you wear glasses and look through the viewfinder with a correction lens for the F3 attached via the DK-1.

Camera Cases

The CF-21, CF-21A, CF-22 Semi-Soft Leather Cases and CS-15 Soft Leather Case were designed exclusively for the F3 High-Eyepoint camera.