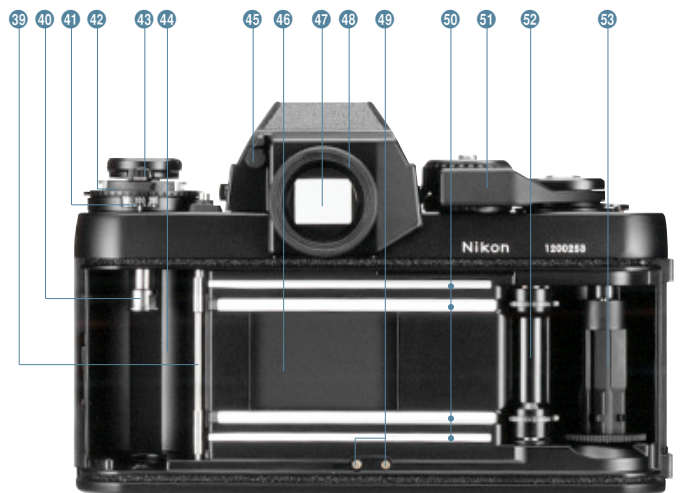
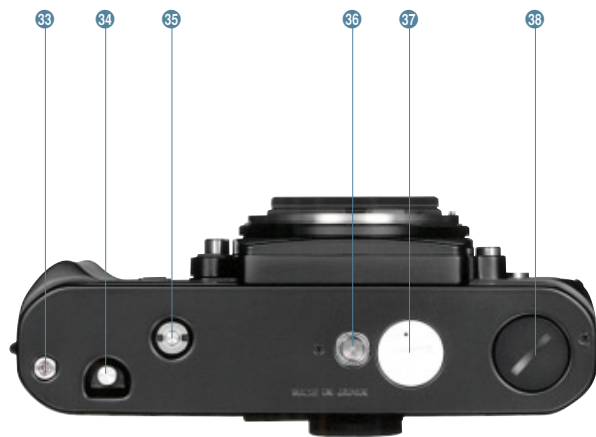


F3

In a word, state-of-the-art

- Responsive, accurate Aperture-Priority Automatic exposure control; quartz oscillator assures precise manual shutter speed timing from 8 to 1/2000 sec.
- Viewfinder with virtually 100% picture coverage shows you the exposure information you need at a glance
- Complete interchangeability of five finders, 22 focusing screens and camera backs including the MF-14 Data Back, the MF-18 Data Back and the MF-6B Camera Back
- Dedicated direct, through-the-lens (TTL) automatic flash metering capability with Nikon Speedlights
- Accepts the MD-4 Motor Drive which fires at up to 6 frames per second (fps)
- Viewfinder exposure readout consists of easy-to-see Liquid Crystal Display (LCD) of shutter speed, ADR (Aperture Direct Readout) aperture number in use and flash ready-light
- F3 high-eyepoint offers all the F3 advantages, and uses the DE-3 High-Eyepoint Viewfinder





- | | | | |
|---------------------------------|--|--|--|
| 1 Neckstrap eyelet | 15 Exposure compensation index | 29 Film rewind knob | 42 ISO film speed/exposure compensation dial |
| 2 Shutter release button | 16 Shutter speed dial | 30 Shutter speed index | 43 Camera back lock lever |
| 3 Depth-of-field preview button | 17 Self-timer lever | 31 Fingerguard | 44 Film cartridge chamber |
| 4 Mirror lockup lever | 18 Unlocked index | 32 Frame counter | 45 Eyepiece shutter lever |
| 5 Shutter speed dial lock | 19 Release lock | 33 Motor drive positioning hole | 46 Focal plane shutter |
| 6 Viewfinder illuminator button | 20 Multiple Exposure lever | 34 Finder rewind button | 47 Finder |
| 7 Lens mounting flange | 21 Self-timer LED | 35 Motor drive coupling | 48 Rubber eyecup |
| 8 Reflex mirror | 22 Exposure memory lock button | 36 Tripod/motor drive coupling socket | 49 Data back contacts |
| 9 Viewfinder illuminator | 23 Backup mechanical release lever | 37 Battery chamber and lid | 50 Film guide rails |
| 10 Meter coupling lever | 24 Meter coupling lever release button | 38 Motor drive coupling hole and cover | 51 Film advance lever |
| 11 Threaded sync terminal | 25 Lens mounting index | 39 Film guide roller | 52 Film sprockets |
| 12 Film rewind knob | 26 Lens release button | 40 Film rewind fork | 53 Film takeup spool |
| 13 Accessory shoe | 27 Film rewind crank | 41 ISO film speed index | |
| 14 Hot-shoe contacts | 28 Exposure compensation dial lock | | |

Type of camera: 35mm single-lens reflex

Picture format: 24mm × 36mm [standard 35mm (135) format]

Lens mount: Nikon bayonet mount; meter coupling lever provided

Lenses: More than 80 current Nikkor lenses; IX-Nikkor and G-type Nikkor lenses cannot be used

Shutter: Electromagnetically controlled, horizontal-travel, titanium foil focal-plane shutter

Shutter release button: Switches meter on when depressed halfway (after shutter release lock is released), meter then remains on for 16 sec. after finger is taken off button; threaded in the center to accept standard cable release

Automatic exposure control: Aperture-priority automatic exposure control; stepless shutter speeds from 8 sec. to 1/2000 sec.

Manual exposure control: Quartz digital control for 16 shutter speeds from 8 sec. to 1/2000 sec. including X (1/80 sec.); B and T also provided

Mechanical shutter control: Possible at T setting on shutter speed dial or at approx. 1/60 sec. when using backup mechanical release lever

Backup mechanical release lever: Trips shutter at approx. 1/60 sec. regardless of shutter speed dial setting (except T); used when batteries become weak or exhausted, or none are installed in the camera

Exposure metering: TTL center-weighted full-aperture metering; aperture stop-down metering possible; silicon photodiode (SPD) and metering circuits incorporated into camera body; meter works with all interchangeable viewfinders

Metering range: EV 1 to 18 (i.e., f/1.4 at 1 sec. to f/11 at 1/2000 sec. with 50mm f/1.4 lens and ISO 100 film)

Film speed setting: ISO 12 to 6400

Exposure memory lock: Via button

Exposure compensation: Via dial; +2 to -2 EV in one-third increments

Focusing screen: Type K as standard; interchangeable with 21 other types

Viewfinder*: F3: Eyelevel Finder DE-2 as standard; F3 high-eyepoint; eyelevel High-Eyepoint finder DE-3 as standard; both equipped with eyepiece shutter; each interchangeable with 4 other types

Finder coverage: Virtually 100%

Finder magnification*: F3: 0.8x; F3 high-eyepoint: 0.75x (both with 50mm lens set at infinity)

Viewfinder display: Liquid crystal display (LCD) shows shutter speed; on Auto, +2000 indicates overexposure, -8 underexposure; on Manual, M appears with + indicating overexposure, - underexposure, or - + correct exposure; LED ready-light glows when Speedlight SB-16A is completely recycled; aperture in use also shown through aperture direct-read-out (ADR) window

Viewfinder illuminator: Via button; illuminates both LCD and ADR f/number

Multiple exposure control: Via lever

Depth-of-field preview: Via button; coaxial with the mirror lockup lever

Reflex mirror: Automatic instant-return type with lockup facility; incorporates air damper and brake mechanism for reduced vibration and noise

Self-timer: Quartz-controlled 10 sec. delayed exposure; LED blinks at 2Hz for first 8 sec., then at 8Hz for last 2 sec.; setting cancelable

Film advance lever: Wound in single stroke or series of strokes; 30° stand-off angle and 140° winding angle; automatic film advance possible when Motor Drive MD-4 is used

Film rewind: By crank after film rewind button is depressed; automatic film rewind possible when MD-4 is used

Frame counter: Additive type; frame numbers from 0 to 40; automatically reset when camera back is opened

Flash synchronization: Possible at all speeds up to 1/80 sec. with electronic flash; with SB-16A, sync speed is automatically set to 1/80 sec. with dial at A or 1/125 sec. and above; at 1/60 sec. or slower, flash synchronizes with speed setting as set; threaded sync terminal provided for off-camera or multiple-flash photography

Accessory shoe: Provided; special Nikon F3 type located at base of rewind knob; accepts Speedlight SB-16A for TTL direct flash output control; two types of flash couplers available for mounting ISO-type or Nikon F2-type direct mounting flash units

Motor drive coupling: Electrical contacts and mechanical couplers provided for operation with Motor Drive MD-4

Camera back: Hinged; opened by pushing safety lock while pulling up rewind knob; memo holder provided; interchangeable with Camera Back MF-6B, Data Back MF-14, or Data Back MF-18

Power source: Two 1.55V SR44 silver-oxide batteries, two 1.5V LR44 alkaline batteries or one 3V CR-1/3N lithium battery; when Motor Drive MD-4 is attached, camera gets battery power entirely from batteries in motor drive

Body finish: Black only

Body dimensions*: F3: Approx. 148.5 × 96.5 × 65.5mm
(W × H × D) F3 high-eyepoint: Approx. 148.5 × 101.5 × 69mm

Weight*: Nikon F3: Approx. 715g
(without batteries) Nikon F3 high-eyepoint: Approx. 760g

Note: The Nikon F3 and F3 high-eyepoint have the same specifications except those items indicated by an asterisk (*).

All specifications apply when fresh batteries are used at normal temperature (20°C/68°F). Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.
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