

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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