



Nikon F3 Specifications (Standard Version, Applicable to HP as well)

Type of camera:	35mm single-lens reflex (SLR)
Picture format:	24mm x 36mm standard 35mm film format.
Lens mount:	Nikon F bayonet type.
Lenses:	Virtually all lenses with Nikon F mount (some with limitations); AF lenses.
Shutter:	Electro magnetically controlled, horizontal-travel, titanium focal-plane shutter.
Shutter release button:	Will switch meter on when lightly depressed halfway (after shutter release lock is released), meter remains on for 16 sec before turning off; standard cable release threaded in the center.
Exposure: Automatic exposure control:	Aperture-priority automatic exposure control; stepless shutter speeds from 8 sec to 1/2000 sec.
Exposure: Manual exposure control:	Quartz digital control for 16 shutter speeds from 8sec to 1/2000 sec, including X (1/80 sec); B and T are also provided.
Backup mechanical release lever:	Shutter release 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 (Power supported by MD-4 when mounted).
Exposure metering:	Modified with previous Nikon standard 60/40 TTL center-weighted and changed to (80/20) full-aperture metering; aperture stop-down metering for older non AI or certain close up accessories; silicon photodiode (SPD) and metering circuits incorporated into camera body; meter works with all interchangeable viewfinders.
Metering range:	EV 1 to 18 (ie f/1.4 at 1 sec to f/11 at 1/2000 sec with 50 mm f/1.4 lens and ISO 100 film).

Film speed setting:	ISO 12 to 6400 (can work in combination with exposure compensation).
Exposure memory lock:	Via button next to lens mount.
Exposure compensation:	Via dial; +2 to -2 EV in 1/3 increments.
Film advance lever:	Single stroke type; 30 degrees stand-off angle and 140 degrees winding angle; automatic film advance and rewinding is possible when motor drive MD-4 is used.
Self-timer:	Quartz-controlled approx 10 sec delayed exposure; LED blinks at 2 Hz for first 8 sec, then at 8 Hz for last 2 sec; setting user cancellable.
Viewfinder:	Nikon F3; Eyelevel finder DE-2 as standard; Nikon F3 High-Eyepoint; eyelevel High-Eyepoint finder DE-3 as standard; both equipped with eyepiece shutter; each interchangeable with 4 other types.
Viewfinder display:	Liquid crystal display (LCD) shows shutter speed; on Auto, +2000 indicates over-exposure, - 8 underexposure; on Manual, M appears with + indicating overexposure, - underexposure, and +- correct exposure; LED ready-light glows when dedicated Nikon Speedlight SB12, SB-16A and SB-17, SB-11 and SB-14 with TTL Sencor cord SC-12, is completely recycled; aperture in use also show through aperture direct-readout (ADR) window.
Focusing screen:	Split-image micropism Type K provided as standard; interchangeable with 22 other types of screens.
Finder coverage:	Virtually 100%.
Finder magnification:	0.8 X for Nikon F3 Nikon F3HP: 0.75x (both with 50 mm lens set at infinity).
Viewfinder illuminator:	Via button; illuminates LCD readout
Multiple exposure control:	Via lever next to winding crank.
Reflex mirror:	Automatic instant-return type with mirror lock-up facility; enhanced with air damper and brake mechanism for reduced vibration and noise.
Depth-of-field preview:	Via button at same position of mirror Lock up lever.
Frame counter:	Additive type; frame numbers from 0 to 40; automatically reset back to S when camera back is opened.
Film rewind:	By crank provided after film rewind button is pressed. Automatic film rewind when MD-4 is attached.
Accessory shoe:	Located at base of rewind knob; accepts Speedlight SB12, SB11, SB-16A, SB-17 or TTL sensor cord SC-12 from SB-11 or SB-14 for TTL direct flash control; three types of

Flash synchronisation:	Possible at all speeds up to 1/80 sec with electronic flash; with all dedicated Nikon flash from SB-12, and later models of SB-16A and SB-17, SB-11 and SB-14 with TTL sensor cord SC-12, sync speed is automatically set to 1/80 sec with dial at A or 1/125 sec and above. PC socket is also provided.
Accessory shoe:	Located at base of rewind knob; accepts Speedlight SB12, SB11, SB-16A, SB-17 or TTL sensor cord SC-12 from SB-11 or SB-14 for TTL direct flash control; three types of flash couplers available for mounting ISO-type or F2-type flash units.
Power source:	Choice of one 3V lithium battery CR-1/3N type, two 1.55V silver-oxide batteries SR-44 type, or two 1.5V alkaline batteries LR-44 type; optional Anti-Cold Battery Holder DB-2 accepts two AA alkaline, Ni-Cd or manganese batteries. Note: Unless otherwise stated, do not use lithiums batteries cells - at your own risk.
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-6, data back MF-14, or 250 exposure magazine back MF-4.
Body finish:	Black only.
Body dimensions: (W x H x D)	Nikon F3: approx 148.5 x 96.5 x 65.5 mm; Nikon F3HP: approx 148.5 x 101.5 x 69 mm.
Body weight:	Nikon F3: 715g approx Nikon F3HP: 760g approx.

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