





Type of camera: Integral-motor autofocus 35mm single-lens reflex
Picture format: 24 × 36mm [standard 35mm (135) format]
Lens mount: Nikon F mount
Lens: Nikkor and Nikon lenses having Nikon F mount (with some limitations)
Focus modes: Autofocus, and Manual with Electronic Rangefinder
Autofocus area: Wide and Spot selectable
Autofocus mode: Single Servo AF with Focus-Priority and Continuous Servo AF with Release-Priority
Focus Tracking: Automatically activated when subject moves
Autofocus detection system: Nikon CAM246 autofocus module
Autofocus detection range: Approx. EV -1 to 19 (at ISO 100)
Autofocus lock: Possible once stationary subject is in focus in Single Servo AF; in Continuous Servo AF, focus can be locked with AF-L (autofocus lock) button
Electronic rangefinder: Available in Manual focus mode with AF Nikkor or other AI-type Nikkor lens with a maximum aperture of f/5.6 or faster
Exposure metering: Three built-in exposure meters — Matrix, Center-Weighted and Spot
Metering range: EV -1 to 21 for Matrix and Center-Weighted metering; EV 3 to 21 for Spot metering
Exposure meter: Activated by lightly pressing shutter release button; stays on for 8 sec., after finger leaves button
Exposure modes: Programmed Auto (Auto-Multi Program and Vari-Program), Shutter-Priority Auto, Aperture-Priority Auto and Manual Camera sets both shutter speed and lens aperture automatically; Flexible Program possible in increments of 1/3 EV for shutter speed or of 1 EV for aperture setting
Programmed Auto exposure control: Aperture automatically selected to match manually set shutter speed; shutter speed can be set in 1/3 EV steps
Shutter-Priority Auto exposure control: Shutter speed automatically selected to match manually set aperture
Aperture-Priority Auto exposure control: Both aperture and shutter speed are set manually; shutter speed can be set in 1/3 EV steps
Manual exposure control: Seven kinds built in: Portrait Program, Portrait Program with Red-Eye Reduction, Hyperfocal Program, Landscape Program, Silhouette Program, Sport Program, and Close-Up Program; each has its own program line, and specific camera settings such as metering system, focus area, etc., are automatically selected
Exposure compensation: With exposure compensation button; ±5 EV range, in 1/3 EV steps
Auto exposure lock: By sliding AE lock lever while meter is on
Shutter: Electromagnetically controlled vertical-travel focal-plane shutter
Shutter release: By motor trigger
Shutter speeds: Lithium niobate oscillator-controlled speeds from 1/8000 to 30 sec. in 1/3 EV steps; electromagnetically controlled Bulb setting is provided
Viewfinder: Fixed eyelevel pentaprism high-eyepoint type; 0.78× magnification with 50mm lens set at infinity; approx. 92% frame coverage
Eyepoint: Approx. 19mm
Eyepiece shutter: Provided
Focusing screen: Nikon advanced B-type BriteView screen; interchangeable with E-type screen
Viewfinder information: Focus area, focus indications, exposure mode, shutter speed, second mark for shutter speed slower than one second, aperture, electronic analog display, frame counter/exposure compensation value/Vari-Program, Flexible Program mark and exposure compensation mark are all shown in LCD readout; also shows flash recommended/ready light LED
LCD panel information: Shutter speed, aperture, exposure mode, metering system, focus area, autofocus mark with focus-/release-priority indication, Flexible Program mark, flash sync, film speed, DX mark, exposure compensation mark, frame counter/Vari-Program/exposure compensation value, Custom mark, film advance mode, film loading, film rewind, self-timer, battery power
Viewfinder/LCD panel illumination: Viewfinder and LCD panel illuminated by pressing button
Film speed range: ISO 25 to 5000 for DX-coded film; ISO 6 to 6400 can be manually set
Film speed setting: At DX position, automatically set to ISO speed of DX-coded film used; manual setting possible

Film loading: Film automatically advances to first frame when shutter release button is depressed once
Film advance: In single-frame shooting mode, film automatically advances one frame when shutter is released; in  (continuous high) or  (continuous low) shooting mode, shots are taken as long as shutter release button is depressed; in  mode, shooting speed is approx. 4.3 fps, and in  approx. 2.0 fps; in Focus Tracking, shooting speed is approx. 4.1 fps
Frame counter: Additive type; counts back while film is being rewound
Self-timer: Electronically controlled; timer duration selectable from 2 to 30 seconds in one-sec. increments; blinking LED indicates self-timer operation; cancellable
Depth-of-field preview button: Provides visual verification of depth of field; can be previewed in Aperture-Priority Auto or Manual exposure mode
Reflex mirror: Automatic, instant-return type
Camera back: Hinged back; interchangeable with Nikon Multi-Control Back MF-26 or World Time Data Back MF-25
Accessory shoe: Standard ISO-type hot-shoe contact; ready-light contact, TTL flash contact, monitor contact; Mount receptacle for Posi-Mount System is provided
Flash sync control: Slow Sync, Rear-Curtain Sync and Red-Eye Reduction functions built-in
Flash synchronization: In Programmed Auto or Aperture-Priority Auto, shutter operates from 1/250 to 1/60 sec. in normal sync or 1/250 to 30 sec. in slow sync; in Shutter-Priority Auto or Manual exposure mode, shutter fires at speed set, and when set from 1/250 to 1/8000 sec., shutter is automatically set to 1/250 sec.
TTL Multi Sensor: Five-segment multi sensor used for TTL auto flash control
Automatic Balanced Fill-Flash with TTL Multi Sensor: Possible when AF or AI-P Nikkor lens is used with Nikon Speedlight SB-28/28DX, SB-27, SB-23, SB-22s, SB-29, etc.
Monitor Pre-flash: Nikon Speedlight SB-28/28DX or SB-27 fires Monitor Pre-flash(es) for TTL Multi Sensor when AF or AI-P Nikkor lens is used
Flash recommended/ready light: No Speedlight attached: Lights up in green when flash is recommended
Speedlight attached: Lights up in red when Nikon dedicated Speedlight is ready to fire, or blinks to warn of insufficient light for correct exposure
Number of 36-exposure film rolls per set of fresh batteries: For autofocus operation using AF Zoom-Nikkor 28-70mm f/3.5-4.5D lens covering the full range from infinity (∞) to the closest distance and back to infinity (∞) before each shot, in Continuous Servo AF mode with film advance mode at  and a shutter speed of 1/125 sec. or faster.

| | At 20°C (68°F) | At -10°C (14°F) |
|----------------------------------|----------------|-----------------|
| LR6 (AA-type alkaline)* | 50 | 9 |
| R6P (AA-type manganese)* | 14 | 0 |
| KR-AA (AA-type NiCd)* | 40 | 16 |
| FR6 (AA-type lithium)* | 250 | 130 |
| CR123A lithium** (with MB-10) | 90 | 25 |




*F90X body only or when using MB-10 with standard MS-10 battery holder.

**When using MB-10 with optional MS-11 battery holder.

Lithium batteries are useful especially when shooting at lower temperatures, however film advance speed may slow down.

Power source: Four 1.5V LR6 (AA-type alkaline), 1.2V KR-AA (AA-type NiCd), 1.5V R6P [AA-type manganese (black type)] or 1.5V FR6 (AA-type lithium) batteries; two 3V CR123A lithium batteries also usable for Multi-Power Vertical Grip MB-10 with MS-11 battery holder attached

* ML-3 cannot be used when FR6 (AA-type lithium) batteries are used.

Battery power confirmation:  for sufficient power;  indicates batteries are nearing exhaustion; blinking  indicates batteries are just about exhausted; no indication/mark appears when batteries are completely exhausted or improperly installed

Dimensions (W × H × D): Approx. 154 × 106 × 69mm or 6.1 × 4.2 × 2.7 in.

Weight (without batteries): Approx. 755g or 26.6 oz.

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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FUJII BLDG., 2-3, MARUNOUCHI 3-CHOME, CHIYODA-KU, TOKYO 100-8331, JAPAN

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