

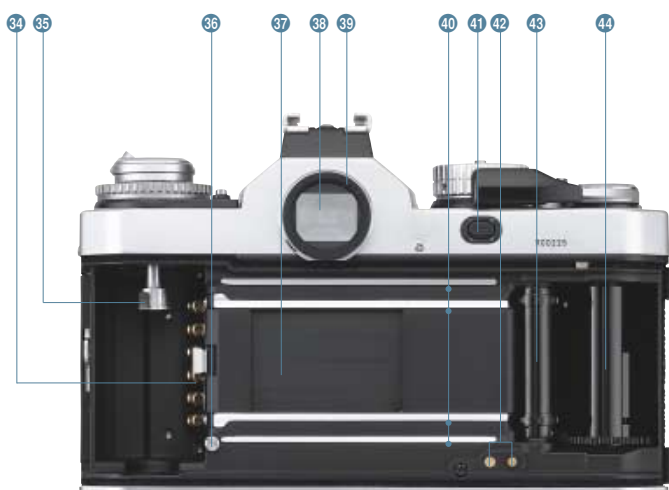
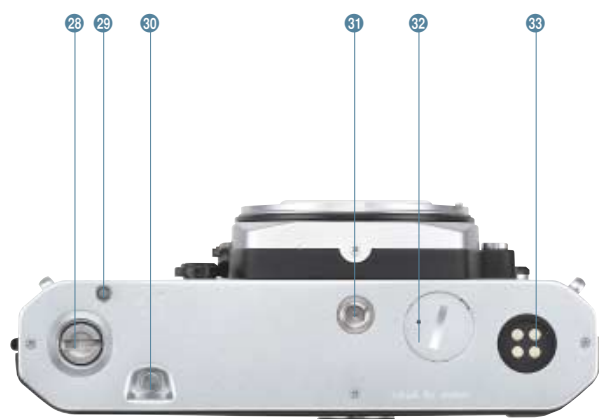
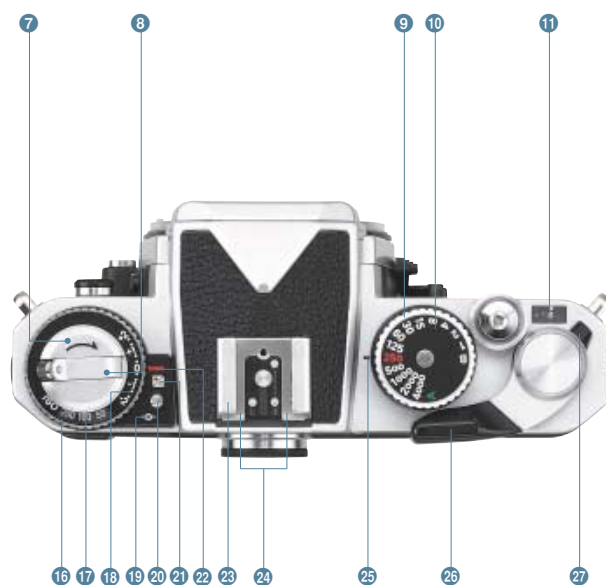
FM3A

Crafted for your command

- Aperture-Priority Auto exposure control possible with AI-type Nikkor and AF Nikkor lenses
- Hybrid shutter speed control system — When shutter speed is selected manually, the FM3A works without batteries at all speeds*
- Top shutter speed of 1/4000 s and peak flash sync speed of 1/250 s
- Exposure compensation (-2 to +2 EV)
- Standard TTL flash control possible
- TTL flash-compensation button for balanced fill-flash effect
- Compatible with DX-coded film cartridges
- Three bright clear matte interchangeable focusing screens allow pinpoint-focus, even in dim light
- Sequential shooting of up to 3.2 frames per second (fps) with Motor Drive MD-12

*You can release the shutter without batteries, but the camera's built-in exposure meter will not operate.





- | | | | |
|----------------------------------|--|----------------------------------|-----------------------|
| 1 Neckstrap eyelet | 15 Lens-release button | 28 Motor-drive coupling | 42 Data Back contacts |
| 2 Shutter-release button | 16 Film-speed setting ring | 29 Motor-drive shutter coupling | 43 Film sprockets |
| 3 Depth-of-field preview lever | 17 Film-speed index | 30 Film-rewind button | 44 Film-takeup spool |
| 4 Auto-lock release button | 18 Exposure-compensation indicator | 31 Socket for tripod/motor drive | |
| 5 Meter-coupling lever | 19 Film-plane indicator | 32 Battery chamber lid | |
| 6 Sync-cord terminal | 20 Exposure-compensation lock release button | 33 Motor-drive sync contacts | |
| 7 Film-rewind knob | 21 Exposure-compensation mark | 34 DX contact | |
| 8 Film-rewind crank | 22 Exposure-compensation index | 35 Rewind fork | |
| 9 Shutter-speed dial | 23 Accessory shoe | 36 Film guide pin | |
| 10 Shutter-speed indication | 24 Speedlight sync contact | 37 Shutter curtains | |
| 11 Frame counter | 25 Shutter-speed index | 38 Viewfinder | |
| 12 Self-timer lever | 26 Film-advance lever | 39 Eyepiece | |
| 13 Lens mounting index | 27 Multiple-exposure lever | 40 Film guide rails | |
| 14 TTL flash-compensation button | | 41 AE-lock button | |

Type of camera	35mm single-lens reflex with electronically and mechanically controlled focal-plane shutter
Applicable film	35mm film in a cartridge
Frame size	24 x 36mm
Lens mount	Nikon F mount
Shutter	Vertical-travel, metal focal-plane shutter
Shutter-speed settings	A (aperture-priority auto): 8 to 1/4000 s, electronic stepless control (indications are 1 to 1/4000) Manual: Bulb, 1 to 1/4000 s, mechanical control
Viewfinder	Eye-level pentaprism
Eyepoint	14mm (at -1.0m ⁻¹)
Focusing screen	K3 type (splitprism-image microprism type, Clear Matte Screen II) standard, B3 type and E3 type optional
Viewfinder frame coverage	Approx. 93% (objective screen)
Viewfinder magnification	Approx. 0.80 x with 50mm lens set to infinity
Viewfinder information	Shutter speed, exposure meter indication, shutter indication, direct aperture value, exposure compensation mark, ready light
Reflex mirror	Quick-return type
Exposure meter sync	Al type (automatic compensation at full-aperture f-stop)
Metering system	TTL center-weighted, full-aperture exposure metering system, approx. 60% of the meter's sensitivity concentrated on a 12mm diameter circle
Metering range	EV 1 to 20 at ISO100 (with a 50mm f/1.4 lens)
Film-sensitivity settings	DX system or manual. With DX: ISO 25 to 5000 Manual: ISO 12 to 6400
Exposure compensation	Exposure compensated to ±2 EV in units of 1/3 EV (compensation to the + side not possible with ISO 12, and that to the - side not possible with ISO 6400)
Auto Exposure Lock	Enabled by pressing the AE lock button
Film advance	Lever provided, 30-degree standoff angle and 135-degree winding angle, automatic film advance enabled with MD-12 Motor Drive (sold separately)
Frame counter	Additive type (S, 1 to 36), automatic reset
Film rewinding	Film reset button and rewind crank provided
Self-timer	Mechanically controlled, countdown time of approx. 4 to 10 seconds, cancellation possible
Lens aperture	Instant-return system, with aperture lever
Multiple exposure	Activated with multiple exposure lever
Sync contact	X-contact only; synchronised with the flash at a low speed of less than 1/250 s
Flash control	TTL flash: Enabled by using SB-800, etc. in combination TTL flash compensation: Compensation to -1 EV activated with the TTL flash compensation button on the camera Film speed synchronization in TTL flash: ISO 12 to 1000

Sync terminal	JIS sync terminal provided as standard, with lock screws
Accessory shoe	Hot-shoe contact (sync contact, ready-light contact, monitor contact, stop-signal contact for TTL flash) with a lock hole to prevent accidental dropping
Ready light	Lights when the flash is fully charged with SB-800, etc.; blinks for full-output warning or shutter-speed settings from 1/500 to 1/4000 s
Camera back	Detachable hinged back; MF-16 Data Back can be attached in place
Camera-back opening	Achieved with the film-rewind lever
Power source	One 3V CR1/3N lithium battery, two 1.55V SR44 silver-oxide batteries, or two 1.5V LR44 alkaline batteries
Meter-on timer	To turn the camera on when the shutter-release button is pressed lightly, turning it off 16 seconds after your finger leaves the button. With the MD-12 Motor Drive, the camera is turned on when the shutter release button of the MD-12 is pressed lightly, and it turns off approx. 66 seconds after your finger leaves the button
Battery power check	Displayed for 16 seconds with the meter-on timer. The exposure meter does not work if the batteries are exhausted
Number of film rolls that can be shot	When repeating the procedure of holding the shutter-release button in the lightly pressed position for 10 seconds, pressing it all the way, and waiting until the timer activates, with 36-frame film rolls, a shutter speed of 1/250 s in Aperture-Priority Auto mode:

	At normal temperature (20°C/68°F)	At low temperature (-10°C/14°F)
One 3V lithium battery	approx. 110 rolls	approx. 60 rolls
Two 1.55V silver-oxide batteries	approx. 120 rolls	approx. 65 rolls
Two 1.5V alkaline batteries	approx. 50 rolls	approx. 10 rolls

Optional exclusive or common accessories MD-12 Motor Drive
SB-800/600 Speedlight and equivalents
CF-27S/CF-28S/CF-29S Camera Case
AR-3 Cable Release etc.

Tripod socket 1/4 (ISO 1222)

Dimensions (W x H x D) Approx. 142.5 x 90 x 58 mm (5.6 x 3.5 x 2.3 in.) (camera body only)

Weight Approx. 570 g (20.1 oz.) (camera body only, including battery)

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. December 2005
© 2001-2005 NIKON CORPORATION



NIKON CORPORATION

Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku,
Tokyo 100-8331, Japan

<http://nikonimaging.com/>