

Type of camera: Autofocus, built-in Speedlight, electronically controlled focal plane shutter Advanced Photo System™ (IX240 format) single-lens reflex

Compatible film: IX240 cartridge film; 16.7 × 30.2mm picture format

Print Type: Three types are available: H, P and C

Lens mount: Nikon F mount

Lenses: IX-Nikkor lenses, AF Nikkor lenses (PC Micro 85mm f/2.8D cannot be used)

Focus modes: Autofocus (AF) or Manual (M)

Autofocus: Auto-Servo AF: automatically chooses Single Servo AF or Continuous Servo AF operation according to the subject status, i.e. stationary or moving (including directional information)

Autofocus detection system: TTL phase detection system using Nikon AM280 autofocus module; AF-Assist Illuminator provided

Autofocus detection range: Approx. EV 0 to 20 (at ISO 200)

Autofocus lock: Focus is locked when shutter release button is lightly pressed and stationary subject is in focus in Auto-Servo AF

Focus tracking: Automatically activated with a moving subject

Exposure modes: 1) **P**: General-Purpose Program, 2) **P**: Auto-Multi Program, 3) **S**: Shutter-Priority Auto, 4) **A**: Aperture-Priority Auto, 5) Vari-Program modes: **☐**: Portrait, **▣**: Landscape, **⬇**: Close-Up, **☀**: Night Scene

Flexible Program: Possible with the following modes: **P**, **☐**, **▣**, **⬇**, and **☀**

Shutter speed/aperture adjustment: Rotating the Command Dial changes shutter speed in S (Shutter-Priority Auto) or aperture value in A (Aperture-Priority Auto) in 1/2 EV steps

Exposure compensation: ±2 EV range, in 1/2 EV steps

Exposure metering: 3D Matrix: with IX-Nikkor, D-type Nikkor, G-type Nikkor, AF-S Nikkor, AF-I Nikkor; Six-segment Matrix: with non-D-type AF Nikkor

Exposure metering range: EV 2 to 21 at ISO 200, 50mm f/1.4 lens

Exposure meter switch: Lightly pressing shutter release button; stays on for 5 sec. after removing finger from button, or 2 sec. (or 5 sec. after flash use) after releasing shutter

Shutter: Electronically controlled vertical-travel focal-plane shutter

Shutter speeds: In **P**, **A**, **☐**, **▣**, **⬇**, and **☀**: 30 to 1/2000 sec. automatically set. In **S**: Bulb, 30 to 1/2000 sec., Time (with optional remote controller)

Viewfinder: Fixed-eyelevel penta-Dach-mirror type; approx. 0.72 to 0.79x magnification with 50mm lens set at infinity (∞)

Print frame coverage: Approx. 95%

Dioptr adjustment: -1.5 to +0.5m⁻¹

Eyepoint: Approx. 18mm

Focusing screen: Clear Matte Screen IV (with focus frame), fixed

Viewfinder illuminator: Automatically activates when exposure meter is on

Film speed range: ISO 25 to 10000

Film speed setting: Automatically set with IX-system

Frame counter: Digital display in LCD panel; countback type

Film loading: One-touch loading, film automatically advances to first blank frame when film cartridge chamber cover is closed; Mid-Roll Change (MRC) possible

Film advance: Film automatically advances one frame when shutter is released (film rewinds automatically at the end of a film roll)

Film rewind: Film automatically starts to rewind at the end of the film roll; mid-roll rewind possible; automatically advances to the frame immediately after the last exposed frame when partially exposed film is loaded

Self-timer: Electronically controlled; timer duration: 10 sec.; can be canceled

Built-in TTL Speedlight: Activated by sliding Speedlight lock-release lever, guide number: 16 (at ISO 200, m); flash coverage: 24mm or longer lens with some limitations (see the list on the right); film speed range: ISO 25 to 800

Flash synchronization speed: 1/125 sec. or slower

Automatic Balanced Fill-Flash: Possible with built-in TTL Speedlight with a CPU lens; Matrix Balanced Fill-Flash is automatically selected

Standard TTL flash: Activated when using a non-CPU lens

Flash sync mode: 1) Normal, 2) Red-Eye Reduction, 3) Red-Eye Reduction with Slow Sync, 4) Slow Sync, 5) Flash Cancel

Flash ready-light: When Speedlight is off: blinks when using flash is recommended; when Speedlight is on: lights up when built-in Speedlight is ready to fire; blinks after shooting to warn of insufficient light for correct exposure

Date/time & title imprint function: Built-in clock: 24-hr. type with timing accuracy within ±90 seconds a month; leap year adjustment until 2029. Date/time data, title: magnetically recorded.

Data for front imprint: Year/Month/Day, M/D/Y, D/M/Y, Hr./Min. and No Imprint.
Data for backprint: Hr./Min., M/D/Y, D/M/Y or Y/M/D/Hr./Min. when No Imprint selected. 30 titles in 12 languages can be backprinted. Power: from the camera body, date data remains in memory for approx. 5 minutes without batteries

Power source: Two CR2-type lithium batteries; four 1.5V "AA"-size alkaline (LR6) or lithium (FR6) batteries with Power Pack MB-11

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

Number of 40- (25-) exposure film rolls per fresh battery (Approx.):*

	At 20°C/68°F	At -10°C/14°F
Two CR2-type batteries	30/13 (41/19)	17/7 (20/11)
Four "AA"-size alkaline (LR6) batteries (with MB-11)	30/13 (41/19)	9/4 (11/6)
Four "AA"-size lithium (FR6) batteries (with MB-11)	90/36 (129/57)	35/16 (42/24)

*For autofocus operation using an IX-Nikkor 30-60mm f/4-5.6 lens, covering the full range from infinity (∞) to the closest distance and back to infinity (∞) with exposure meter activated for 5 sec. before each shot, with a shutter speed of 1/125 sec.

Dimensions (W × H × D): Approx. 116 × 87 × 57mm or 4.6 × 3.4 × 2.2 in (body only)
Weight: Approx. 325g or 11.5 oz. (body only)

Optional remote controller ML-L1

Infrared, activated by pressing the shutter release button; immediate release mode and 2 sec. delay mode; operating distance: approx. 5m directly in front of the camera; battery life: approx. 10 years; dimensions (W × H × D): approx. 60 × 27 × 10mm or 2.4 × 1.1 × 0.4 in; weight: approx. 13g or 0.5 oz.

Specifications of three new IX-Nikkor lenses for PRONEA series

	IX-Nikkor 30-60mm f/4-5.6	IX-Nikkor 20-60mm f/3.5-5.6	IX-Nikkor 60-180mm f/4.5-5.6
Lens construction	6 elements in 6 groups	9 elements in 7 groups	10 elements in 7 groups
Picture angle	59°50' to 32°10'	82° to 32°10'	32°10' to 11°
Focus range	0.35m to infinity (∞)	0.35m to infinity (∞)	1.2m to infinity (∞)
Aperture range	f/4 to f/22	f/3.5 to f/22	f/4.5 to f/32
Attachment size	46mm	52mm	46mm
Lens hood	HN-33	HN-1	HB-16
Lens case	CL-S1, CL-30S	CL-S1, CL-31S	CL-S1, CL-32S
Dimensions (dia. × extension from lens mount) (approx.)	58.5 × 34mm or 2.3 × 1.3 in.	65 × 53mm or 2.6 × 2.1 in.	62.5 × 69.5mm or 2.5 × 2.7 in.
Weight (approx.)	95g or 3.4 oz.	170g or 6.0 oz.	220g or 7.8 oz.

Usable Nikkor lenses with built-in Speedlight

24mm (1m/3.3 ft. or longer shooting distance), 28mm to 300mm (0.6m/2.0 ft. or longer shooting distance) CPU lenses except AF-S 300mm f/2.8D IF-ED, AF 28mm f/1.4D, AF-S 17-35mm f/2.8D IF-ED, AF 18-35mm f/3.5-4.5D IF-ED, AF 20-35mm f/2.8D IF and AF-S 28-70mm f/2.8D IF-ED.

Vignetting occurs at the edges of the frame resulting in underexposure with the following AF zoom lenses, which have limitations in usable focal length or shooting distance.

AF 24-50mm f/3.3-4.5D: Not usable at 24mm focal length
AF 24-85mm f/2.8-4D IF: 50mm focal length at 2m/6.6 ft. or longer shooting distance or 70-85mm at 1m/3.3 ft. or longer
AF 24-120mm f/3.5-5.6D IF: 50mm focal length at 1.5m/4.9 ft. or longer shooting distance or 120mm at 0.8m/2.6 ft. or longer (not usable at 24mm focal length)
AF 28-80mm f/3.5-5.6D: 35mm focal length at 1.5m/4.9 ft. or longer shooting distance (not usable at 28mm focal length)
AF 28-105mm f/3.5-4.5D IF: 35mm focal length at 1.5m/4.9 ft. or longer shooting distance (not usable at 28mm focal length)
AF 28-200mm f/3.5-5.6D IF: Not usable at 28mm and 35mm focal length
AF 35-70mm f/2.8D: Not usable at 35mm focal length
AF Micro 70-180mm f/4.5-5.6D ED: 70mm focal length at 3m/9.8 ft. or longer shooting distance or 100mm at 1m/3.3 ft. or longer
AF-S 80-200mm f/2.8D IF-ED: 135mm or longer focal length (not usable at 135mm focal length when the shooting distance is 2.5m/ 8.2 ft. or less)
AF 80-200mm f/2.8D ED: Not usable at 80mm focal length
AF VR 80-400mm f/4.5-5.6D ED: 135mm or longer focal length

All specifications apply when fresh CR2-type 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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