

Nikon

N80™

35mm Autofocus SLR

Engineered to Exhilarate



- **Command and Control:**
Efficient and logical controls include Nikon Dual Command Dials for optimum control. Complete operational information provided through LCD and High Eyepoint Viewfinder.
- **Fast and Intelligent AF Performance:**
Full time AF operation with every AF Nikkor lens. Closest Subject Priority automatically selects corresponding AF sensors.
- **Focus Tracking with Lock-On™:**
At up to 2.5 frames per second.
- **Five Full Coverage AF Sensors:**
Innovative autofocus system features five separate AF detection sensors that cover the top, bottom, center, left and right for instinctual composition.
- **New Vari-Brite AF Sensor System:**
AF sensors automatically change color and intensity from Black to Red in low light.
- **Exclusive - On Demand Composition Assist Focusing Screen:**
Provides instant reference for the classic rules-of-composition.
- **Comprehensive Light Metering System:** 10-segment 3D Matrix Metering supported by Nikon's on board DataBase of over 30,000 stored images plus 75/25 Center Weighted and five Spot meters corresponding to AF sensors
- **Built-in Powerful Speedlight with 28mm Wide Angle Coverage:**
Comprehensive features includes: Slow Sync, Rear Sync, Red-Eye Reduction/Slow Sync and Flash Compensation from +1 to -3EV in 1/2 EV Steps.
- **Flash System:** 5 Segment TTL Flash Sensors and 3D Multi-sensor Balanced Fill Flash System
- **Expanded Shutter Speed Range and Extensive Shooting Modes:** Shutter Speeds from 30 Seconds to 1/4000 in 1/2 EV Steps plus, Program, Flexible Program, Shutter & Aperture Priority and Manual Mode
- **Other Controls Include:** All-mode Depth-of-Field Preview Button, Multiple Exposure Control, AF Assist Illuminator for low light shooting, and a threaded cable release socket. 18 Built-in Custom Settings
- **Lens Mount:** F Bayonet lens mount accepts every AF Nikkor and most manual AI or AI-S Nikkor lenses.

N80™

35mm Autofocus SLR Specifications:

Type of camera:	Integral-motor autofocus 35mm single-lens reflex with electronically controlled focal-plane shutter										
Exposure modes:	Programmed Auto (Flexible Program possible™); Shutter-Priority Auto; Aperture-Priority Auto; Manual										
Picture format:	24mm x 36mm (standard 35mm film format)										
Lens mount:	Nikon F mount (with AF coupling, AF contacts)										
Compatible lenses:	Nikkor and Nikon lenses with Nikon F mount* - *Some limitations; see chart on p. 12 of brochure										
Diopter adjustment:	-1.8 to +0.8 DP										
Viewfinder eyepoint:	15.5 to 20mm										
Focusing screen:	Nikon Advanced Focusing Screen with Vari-Brite focus area and On-Demand Grid Lines										
Finder magnification:	Approx. 92% Approx. 0.75x with 50mm lens set to infinity and -1.0 DP										
Viewfinder information:	Focus indications, metering system, AE lock, shutter speed, aperture, exposure mode, electronic analogue display/exposure compensation display, frame counter/exposure compensation, ready-light, multiple exposure, focus area, flash exposure compensation, focus area brackets, 12mm circle for Center-Weighted metering, On-Demand Grid Lines										
Reflex mirror:	Automatic, instant-return type										
Lens aperture:	Instant-return type, with depth-of-field preview button										
Autofocus:	TTL phase detection, Nikon Multi-CAM900 autofocus module — Detection range: EV -1 to EV 19 (ISO 100, at normal temperature).										
Lens Servo:	Single Servo AF (S), Continuous Servo AF (C), Manual focus (M) - Focus Tracking automatically status activated										
Focus area:	One of five focus areas can be selected										
AF Area mode:	Single Area AF and Dynamic AF (Dynamic AF Mode with Closest Subject Priority also available)										
Focus lock:	Focus is locked by pressing AF-L/AE-L button or lightly pressing shutter release button in Single Servo AF										
Metering system:	10 segment 3D Matrix Metering, 75/25 Center-Weighted Metering & Spot Metering										
Metering range:	3D Matrix Metering: EV 0-21; Center-Weighted Metering: EV 0-21; Spot Metering: EV 3-21 (at norm temp., ISO 100, 50mm f/1.4)										
Exposure meter coupling:	CPU and AI combined										
Exposure compensation:	Exposure compensated in ±3 EV range, in 1/2 steps										
Auto exposure lock:	Detected exposure value locked by pressing AF-L/AE-L button										
Auto exposure:	Two or three frames, 1/2 steps										
Film speed setting:	DX or manual selectable: Film speed range: DX: ISO 25-5000, Manual: ISO 6-6400 in 1/3 steps										
Shutter:	Electronically controlled vertical-travel focal-plane shutter										
Shutter speeds:	30 seconds to 1/4000 of second. plus Bulb										
Additional controls:	18 user programmable Custom Settings										
Sync contact:	X-contact only; flash synchronization up to 1/125 sec.										
Built-in TTL Speedlight:	Guide number: 39 (ISO 100, ft) flash coverage: 28mm or longer lens; Red-Eye Reduction, TTL flash control including 3D Multi-Sensor Balanced Fill-Flash, Slow Sync and Rear-Curtain Sync are possible										
Flash control:	5-segment TTL Multi Sensor w/ 3D Multi-Sensor Balanced Fill-Flash with built-in Speedlight, SB-28DX, 28, 27, 26, 25 (see N80 brochure and/or N80 instruction manual for complete compatibility specifications)										
Monitor Pre-flash:	Built-in TTL Speedlight or Nikon Speedlight SB-28DX/28/SB-27 fires Monitor Pre-flash(es) when AF Nikkor or AI-P Nikkor lens is used										
Flash sync mode :	Front-Curtain Sync (normal sync), Red-Eye Reduction, Red-Eye Reduction with Slow Sync, Slow Sync, Rear-Curtain Sync										
Ready-light:	Lights up when flash fully charged with built-in Speedlight and SB-28DX, 28, etc.; blinks (3 sec. after flash) for full output warning										
Accessory shoe:	Standard ISO-type hot-shoe										
Self-timer:	Electronically controlled; timer duration: 2 to 20 seconds with Custom Setting.										
Depth-of-field preview button:	Stops down lens aperture when pressed										
Film loading:	Film automatically advances to first frame when shutter release button is pressed once (shutter and mirror not activated)										
Film advance:	Automatic advance with built-in motor; S (Single) or C (Continuous) modes available										
Film advance speed:	S: One frame advance - C: Continuous shooting; Approx. 2.5 fps (AA-type alkaline batteries)										
Film rewind:	Auto rewind with built-in motor. Rewind speed with 36-exp. film: approx. 15 sec. Quiet rewind mode speed approx. 23 sec.										
Multiple exposure:	Activated using film advance mode dial										
LCD panel information (with built-in illuminator):	DX indication, shutter speed/exposure compensation value, aperture, exposure compensation, Auto Exposure/Flash Exposure Bracketing, Bracketing bar graphs, Custom, Flexible Program, flash sync mode, AF area mode, focus area, battery power, frame counter										
Power source:	Two CR123A batteries										
Exposure meter:	Auto meter shut-off approx. 6 sec.										
Usable number of film rolls (approximate):	With 36-exposure film, for Continuous Servo autofocus operation using an AF Zoom-Nikkor 28-80mmf/4-5.6D lens, in single-frame shooting, covering the full range from infinity (∞) to the closest distance and back to infinity (∞) before each shot, without intervals between shots, with a shutter speed of 1/125th sec. or faster.										
		<table border="1"> <thead> <tr> <th></th> <th>At 20°C (68°F)</th> <th>At -10°C (14°F)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Without Flash</td> <td style="text-align: center;">Approx. 60</td> <td style="text-align: center;">Approx. 40</td> </tr> <tr> <td style="text-align: center;">With Flash (for 1/2 of all exposures)</td> <td style="text-align: center;">Approx. 17</td> <td style="text-align: center;">Approx. 15</td> </tr> </tbody> </table>		At 20°C (68°F)	At -10°C (14°F)	Without Flash	Approx. 60	Approx. 40	With Flash (for 1/2 of all exposures)	Approx. 17	Approx. 15
	At 20°C (68°F)	At -10°C (14°F)									
Without Flash	Approx. 60	Approx. 40									
With Flash (for 1/2 of all exposures)	Approx. 17	Approx. 15									
Two-Button Reset:	Pressing the BKT and Exp. Compensation buttons simultaneously and holding them for more than 2 sec. resets most settings to their original default settings										
Dimensions (W x H x D):	Approx. 141.5 x 98.5 x 71 mm (5.6 x 3.9 x 2.8 in.)										
Weight (without batteries):	Approx. 515g (18.2 oz)										

For more complete specifications and compatibility information, refer to the Nikon N80 product brochure and/or the Nikon N80 instruction manual. All specifications apply when fresh CR-123A batteries are used at normal temperature (20°C - 68°F).

Specifications and design are subject to change without any notice or obligation on the part of the manufacturer.

© 2000 Nikon Inc.

Nikon

1300 Walt Whitman Road, Melville, NY 11747

www.nikonusa.com / 1-800-Nikon-US