Nikon™

At the heart of the image ™

D200™

FASTER, SMARTER, STRONGER

Faster when it counts. Rugged where it matters.

FEATURES

- 10.2 effective high-performance megapixel DX Format CCD
- Nikon's exclusive Image Processing Engine
- 11-area Multi-CAM AF system with new 7 Wide-area AF
- 1005-pixel 3D Color Matrix Metering II
- Fast 5 fps continuous shooting, 0.15 second startup and short 50ms shutter lag
- Built-in i-TTL Speedlight with two group Commander mode
- New Image Enhancement options (Optimize Image)
- Multiple Exposure, Image Overlay and GPS positioning
- 2.5" LCD with ultra-wide viewing angle
- Durable Magnesium Alloy body and chassis
- Electronically timed shutter tested to well over 100,000 cycles
- Shoot up to 1800 images on a single EN-EL3e battery charge
- Exclusive smart battery monitor with informative Fuel Gauge function
- Large full information top-deck LCD panel

For more information visit nikonUSA.com

faster   smarter   stronger

Nikon Digital SLR Camera D200 Specifications

Type of Camera	Single-lens reflex digital camera
Effective Pixels	10.2 million
Image Sensor	RGB CCD, 23.6 x 15.8mm; total pixels: 10.92 million
Image Size (pixels)	3,872 x 2,592 [L], 2,896 x 1,944 [M], 1,936 x 1,296 [S]
Sensitivity	100 to 1600 (ISO equivalent) in steps of 1/3, 1/2 or 1 EV with additional settings up to 1 EV over 1600
Storage Media	CompactFlash™ (CF) Card (Type I and II) and Microdrive™
Storage System	Compressed NEF (RAW): 12-bit compression,JPEG: JPEG baseline-compliant
File System	Exif 2.21, Compliant DCF 2.0 and DPOF
White Balance	Auto (TTL white balance with 1,005-pixel RGB sensor), six manual modes with fine-tuning, color temperature setting, preset white balance, white balance bracketing possible (2 to 9 frames in increments of 1, 2 or 3)
LCD Monitor	2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment
Playback Function	Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB histogram indication 6) Shooting data 7) Highlight point display 8) Auto image rotation
Delete Function	Card format, All photographs delete, Selected photographs delete
Video Output	Can be selected from NTSC and PAL
Interface	USB 2.0(Hi-speed)(mini-B connector); mass storage and PTP connectable; FTP file transfer and PTP/IP camera control/file transfer is also available with optional WT-3 (IEEE 802.11b/g); CF card slot Type II: supports firmware updates via CF cards
Text Input	Up to 36 characters of alphanumeric text input available with LCD monitor and multi-selector; stored in Exif header
Compatible Lenses	Refer to page 14
Picture Angle	Equivalent in 35mm [135] format is approx. 1.5 times lens focal length
Viewfinder	Fixed eye-level Pentaprism type; built-in diopter adjustment (-2.0 to +1.0m^{-1})
Eyepoint	19.5mm (-1.0m^{-1})
Focusing Screen	Type-B BriteView Clear Matte screen Mark II with superimposed focus brackets and On-Demand grid lines
Viewfinder Frame Coverage	Approx. 95% (vertical and horizontal)
Viewfinder Magnification	Approx. 0.94x with 50mm lens at infinity; -1.0m^{-1}
Viewfinder Information	Focus indications, Metering system, AE/FV lock indicator, Flash sync indicator, Shutter speed, Aperture value, Exposure/Exposure compensation indicator, ISO sensitivity, Exposure mode, Flash output level compensation, Exposure compensation, Number of remaining exposures
Autofocus	TTL phase detection by Nikon Multi-CAM 1000 autofocus module with AF-assist illuminator (approx. 0.5m to 3.0m) Detection range: EV -1 to +19 (ISO 100 equivalent, at normal temperature: 20°C/68°F)
Lens Servo	Instant single-servo AF (S); continuous-servo AF (C); manual (M); predictive focus tracking automatically activated according to subject status in continuous-servo AF
Focus Area	Normal: 11 areas; single area or group can be selected; Wide: focus area can be selected from 7 areas
AF Area Mode	1) Single Area AF 2) Dynamic Area AF 3) Group Dynamic AF 4) Dynamic area AF with closest subject priority
Focus Lock	Focus can be locked by pressing shutter-release button halfway (single-servo AF) or by pressing AE-L/AF-L button
Exposure Metering System	Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering II (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used)
Exposure Metering Range (ISO 100, f/1.4 lens, 20°C)	1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) (ISO 100 equivalent, f/1.4 lens, 20°C)
Exposure Meter Coupling	Combined CPU and AI
Exposure Modes	Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M]
Exposure Compensation	±5 EV in increments of 1/3, 1/2 or 1 EV
Auto Exposure Lock	Luminosity locked at detected value with AE-L/AF-L button
Auto Exposure Bracketing	2 to 9 exposures in increments of 1, 2, or 3
Shooting Modes	1) Single frame shooting mode 2) Continuous low speed (CL) shooting mode: 1 to 4 frames per second 3) Continuous high-speed shooting mode: 5 frames per second 4) Self-timer shooting mode 5) Mirror-up mode
Shutter	Electronically-controlled vertical-travel focal plane shutter, 30 to 1/8,000 sec. in steps of 1/3, 1/2 or 1 EV, bulb

Sync Contact	X-contact only; flash synchronization at up to 1/250 sec.
Flash Control	1) TTL: TTL flash control by 1,005-pixel RGB sensor Built-in Speedlight: i-TTL balanced fill-flash or standard i-TTL flash (spot metering or mode dial set to [M]) SB-800 or 600: i-TTL balanced fill-flash for digital SLR and standard i-TTL flash for digital SLR 2) Auto aperture: Available with SB-800 with CPU lens 3) Non-TTL Auto: Available with Speedlights such as SB-800, 80DX, 28DX, 28, 27, and 22s 4) Range-priority manual; available with SB-800
Flash Sync Mode	1) Front-curtain Sync (normal sync), 2) Red-eye Reduction, 3) Red-eye Reduction with Slow Sync, 4) Slow Sync, 5) Rear-curtain Sync
Built-in Speedlight	Manual pop-up with button release Guide number (ISO 100, m): approx. 12 (manual 13)
Flash Compensation	-3 to +1 EV in increments of 1/3 or 1/2 EV
Accessory Shoe	Standard ISO hot-shoe contact with safety lock provided
Sync Terminal	ISO 519 standard terminal
Self-timer	Electronically controlled timer with 2 to 20 seconds duration
Depth of Field Preview	When CPU lens is attached, lens aperture can be stopped down to value selected by user (A and M mode) or value selected by camera (P and S mode)
Remote Control	Via 10-pin Remote Cord MC-22/30/36 (optional) or Wireless Remote Control WT-3 (optional)
GPS	NMEA 0183 (Ver. 2.01) interface standard supported with 9-pin D-sub cable (optional) and GPS Cable MC-35 (optional)
Power Source	One Rechargeable Li-ion Battery EN-EL3e, MB-D200 battery pack (optional) with one or two rechargeable Nikon EN-EL3e Li-ion batteries or six AA alkaline (LR6), NiMH (HR6), lithium (FR6) batteries, or 2R6 nickel-manganese AA batteries, AC Adapter EH-6 (optional)
Tripod Socket	1/4 in. (ISO)
Dimensions (W x H x D)	Approx. 147 x 113 x 74mm
Weight	Approx. 830g without battery, memory card, body cap, or monitor cover
Supplied Accessories*	Rechargeable Li-ion Battery EN-EL3e, Quick Charger MH-18a, Video Cable, USB Cable UC-E4, Strap, Body cap, Eyepiece Cap DK-5, Rubber Eyecup DK-21M, LCD monitor cover BM-6, PictureProject CD-ROM
Optional Accessories	Wireless Transmitter WT-3, AC Adapter EH-6, Speedlight SB-800/ SB-600/SB-R200, Nikon Capture 4 (Ver. 4.4), CompactFlash card For more details, refer to system chart on page 23.

*Supplied accessories may differ in each country or area.

Memory Card Capacity and Image Quality/Size
The following table shows the approximate number of pictures that can be stored on a 1GB card at different image quality and settings.

Image Quality	Image Size	File Size	Number of Available Shots[*1]	Number of Consecutive Shots Available[*1] [*2]
RAW (NEF) + JPEG[*3][*4] Fine	L[*4]	Approx. 20.7MB	Approx. 44 shots	19 shots
	M[*5]	Approx. 18.6MB	Approx. 49 shots	19 shots
	S[*5]	Approx. 17.1MB	Approx. 55 shots	19 shots
RAW (NEF) + JPEG[*3][*4] Normal	L[*4]	Approx. 18.3MB	Approx. 50 shots	19 shots
	M[*5]	Approx. 17.2MB	Approx. 54 shots	19 shots
	S[*5]	Approx. 16.5MB	Approx. 57 shots	19 shots
RAW (NEF) + JPEG[*3][*4] Basic	L[*4]	Approx. 17.1MB	Approx. 55 shots	19 shots
	M[*5]	Approx. 16.5MB	Approx. 57 shots	19 shots
	S[*5]	Approx. 16.2MB	Approx. 58 shots	19 shots
RAW(NEF)	—	Approx. 15.8MB	Approx. 60 shots	22 shots
JPEG FINE[*5][*6]	L	Approx. 4.8MB	Approx. 167 shots	37 shots
	M	Approx. 2.7MB	Approx. 294 shots	56 shots
	S	Approx. 1.2MB	Approx. 650 shots	74 shots
JPEG NORMAL[*5][*6]	L	Approx. 2.4MB	Approx. 332 shots	54 shots
	M	Approx. 1.4MB	Approx. 578 shots	74 shots
	S	Approx. 0.63MB	Approx. 1.2K shots	76 shots
JPEG BASIC[*5][*6]	L	Approx. 1.2MB	Approx. 650 shots	57 shots
	M	Approx. 0.70MB	Approx. 1.1K shots	75 shots
	S	Approx. 0.33MB	Approx. 2.2K shots	76 shots

*1 All figures are approximate. File size varies with scene recorded and make of memory card.
*2 Maximum number of frames that can be stored in memory buffer at ISO 100. Capacity of memory buffer will drop if noise reduction is on.
*3 Total for NEF and JPEG images.
*4 Figures assume Raw Compression is set to NEF (RAW). Selecting Comp. NEF (RAW) decreases file size of NEF (RAW) images by approximately forty to fifty percent; although camera displays do not change, actual number of images and buffer capacity increase.
*5 Figures assume JPEG Compression is set to Fixed Size. Selecting Optimal Quality increases file size of JPEG images by up to eighty percent; number of images and buffer capacity drop accordingly.
*6 Applies to JPEG images only. Size of NEF (RAW) images can not be changed.

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. November 2005 © 2005 NIKON CORPORATION

⚠ **WARNING** | **TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT. SOME DOCUMENTATION IS SUPPLIED ON CD-ROM ONLY.**