Nikon Digital SLR Camera Features & Comparison Chart

	D2x	D2Hs	D200	D70s	D50
Product Number	25215	25219	25235	25218	25216
Camera Type	Interchangeable Lens Digital SLR Camera	Interchangeable Lens Digital SLR Camera	Interchangeable Lens Digital SLR Camera	Interchangeable Lens Digital SLR Camera	Interchangeable Lens Digital SLR Camera
Lens Mount	Nikon F Bayonet (metal)	Nikon F Bayonet (metal)	Nikon F Bayonet (metal)	Nikon F Bayonet (metal)	Nikon F Bayonet (metal)
Interchangeable Lens Compatibility	All AF-DX, AF-D, AF-G, AF-I, AF-S, and AF-VR Nikkor lenses provide full AF and metering operation. AI-P lenses provide manual focus w/ electronic rangefinder and full metering operation. AI lenses provide manual focus w/ electronic rangefinder, Aperture Priority and Manual exposure mode, C/W and Spot metering operation.	All AF-DX, AF-D, AF-G, AF-I, AF-S, and AF-VR Nikkor lenses provide full AF and metering operation. AI-P lenses provide manual focus w/ electronic rangefinder and full metering operation. AI lenses provide manual focus w/ electronic rangefinder, Aperture Priority and Manual exposure mode, C/W and Spot metering operation.	All AF-DX, AF-D, AF-G, AF-I, AF-S, and AF-VR Nikkor lenses provide full AF and metering operation. AI-P lenses provide manual focus w/ electronic rangefinder and full metering operation. AI lenses provide manual focus w/ electronic rangefinder, Aperture Priority and Manual exposure mode, C/W and Spot metering operation.	All AF-DX, AF-D, AF-G, AF-I, AF-S, and AF-VR Nikkor lenses provide full AF and metering operation. AI-P lenses provide manual focus w/ electronic rangefinder and full metering operation. AI lenses provide manual focus operation only.	All AF-DX, AF-D, AF-G, AF-I, AF-S, and AF-VR Nikkor lenses provide full AF and metering operation. AI-P lenses provide manual focus w/ electronic rangefinder and full metering operation. AI lenses provide manual focus operation only.
Viewfinder	Optical-type, fixed eye level pentaprism; built-in diopter adjustment (-2 to +1m); eyepiece shutter provided.	Optical-type, fixed eye level pentaprism; built-in diopter adjustment (-2 to +1m); eyepiece shutter provided.	Optical-type, fixed eye level pentaprism; built-in diopter adjustment (-2 to +1m); eyepiece shutter provided.	Fixed eye level penta-Dach mirror type; built-in diopter adjustment (-2 to +1m); eyepiece shutter provided.	Fixed eye level penta-Dach mirror type; built-in diopter adjustment (-2 to +1m); eyepiece shutter provided.
Viewfinder Coverage	Virtually 100%	Virtually 100%	Approx. 95%	Approx. 95%	Approx. 95%
Metering System	TTL full-aperture metering; 1) 1005 RGB 3D Color Matrix metering II 2) Center-Weighted metering 3) Spot metering	TTL full-aperture metering; 1) 1005 RGB 3D Color Matrix metering II 2) Center-Weighted metering 3) Spot metering	TTL full-aperture metering; 1) 1005 RGB 3D Matrix metering II 2) Center-Weighted metering 3) Spot metering	TTL full-aperture metering; 1) 1005 RGB 3D Color Matrix metering II 2) Center-Weighted metering 3) Spot metering	TTL full-aperture metering; 1) 420-pixel 3D Color Matrix metering II 2) Center-Weighted metering 3) Spot metering
Meter EV Range (ISO 100, f/1.4)	1) 3D Color Matrix II: EV 0-20 2) Center-Weighted: EV 0-20 3) Spot: EV 2-20	1) 3D Color Matrix: EV 0-20 2) Center-Weighted: EV 0-20 3) Spot: EV 2-20	1) 3D Color Matrix: EV 0-20 2) Center-Weighted: EV 0-21 3) Spot: EV 3-21	1) 3D Color Matrix: EV 0-20 2) Center-Weighted: EV 0-20 3) Spot: EV 2-20	1) 3D Color Matrix: EV 0-20 2) Center-Weighted: EV 0-20 3) Spot: EV 2-20
Shutter	Electromagnetically controlled vertical-travel focal-plane mechanical shutter; 30 to 1/8,000 sec. and bulb provided.	Electromagnetically controlled vertical-travel focal-plane mechanical shutter; 30 to 1/8,000 sec. and bulb provided.	Electromagnetically controlled vertical-travel focal-plane mechanical shutter; 30 to 1/8,000 sec. and bulb provided.	Combined mechanical and CCD electronic shutter, 30 sec. to 1/8,000 sec. and bulb provided.	Combined mechanical and CCD electronic shutter, 30 sec. to 1/4,000 sec. and bulb provided.
Frame Advance	1) Single frame shooting (S) mode; Capture Preview mode available 2) Continuous shooting (CL) mode: (CH) approx. 5 fps (up to 21 JPG, 16 NEF images) 8 fps possible in High-Speed Cropped Mode (up to 35 JPEG or 29 RAW images).	1) Single frame shooting (S) mode; Capture Preview mode available 2) Continuous shooting (CL) mode: adjustable from approx. 1-7 fps. (CH) approx. 8 fps (up to 40 NEF, or 50 JPEG shots).	1) Single frame shooting (S) mode; Capture Preview mode available 2) Continuous low-speed shooting (C) mode: approx. 1-4 fps. 3) Continuous high-speed shooting (C) mode: approx. 5 fps.	1) Single frame shooting (S) mode; Capture Preview mode available 2) Continuous shooting (C) mode: 3 fps (up to approx. 144 frames*)	1) Single frame shooting (S) mode; Capture Preview mode available 2) Continuous shooting (C) mode: 2.5 fps (up to approx. 137 frames**)
ISO Range (Manual Setting)	ISO equivalency 100–800 (variable in 1/3-, 1/2- or 1-EV steps).	ISO equivalency 200–1,600 (variable in 1/3-, 1/2- or 1-EV steps).	ISO equivalency 100-1600, (variable in 1/3-, 1/2- or 1-EV steps).	ISO equivalency 200–1,600, (variable in 1/3-, 1/2- or 1-EV steps).	ISO equivalency 200–1,600, (variable in 1/3-, 1/2- or 1-EV steps).
Built-in Flash	——	——	Manual pop-up type with button release, Guide number (ISO 100 ft) GN 36 (i-TTL)	Auto flash w/ auto pop-up for Vari-Program and manual pop-up type with P,S,A,M modes, i-TTL controlled (ISO 200/ISO 100 ft.) GN 49 (iTTL auto).	Auto flash w/ auto pop-up for Vari-Program and manual pop-up type with P,S,A,M modes, i-TTL controlled (ISO 200/ISO 100 ft.) GN 49 (iTTL auto).
Flash Sync	1) Front-Curtain Sync (normal sync) 2) Red-Eye Reduction 3) Red-Eye Reduction with Slow Sync 4) Slow Sync 5) Rear-Curtain Sync 6) X-Sync 1/250 sec. 7) Top TTL Sync: 1/250 (also w/ Auto FP Sync to 1/4,000 sec.)	1) Front-Curtain Sync (normal sync) 2) Red-Eye Reduction 3) Red-Eye Reduction with Slow Sync 4) Slow Sync 5) Rear-Curtain Sync 6) X-Sync 1/250 sec. 7) Top TTL Sync: 1/250 (also w/ Auto FP Sync to 1/4,000 sec.)	1) Front-Curtain Sync (normal sync) 2) Red-Eye Reduction 3) Red-Eye Reduction with Slow Sync 4) Slow Sync 5) Rear-Curtain Sync 6) X-Sync 1/250 sec.	1) Front-Curtain Sync (normal sync) 2) Red-Eye Reduction 3) Red-Eye Reduction with Slow Sync 4) Slow Sync 5) Rear-Curtain Sync 6) X-Sync 1/500 sec. 7) Top TTL Sync: 1/250 (also w/ Auto FP Sync to 1/4,000 sec.)	1) Front-Curtain Sync (normal sync) 2) Red-Eye Reduction 3) Red-Eye Reduction with Slow Sync 4) Slow Sync 5) Rear-Curtain Sync 6) Top TTL Sync: 1/500 sec. 7) X-Sync: 1/500 sec.
Speedlight Control	1,005-Segment TTL Sensor, i-TTL Balanced Fill-Flash. Multiple wireless i-TTL Auto FP High-Speed Sync to 1/8,000 sec. with SB-800. AA mode, Non-TTL Auto Flash, Manual.	1,005-Segment TTL Sensor, i-TTL Balanced Fill-Flash. Multiple wireless i-TTL Auto FP High-Speed Sync to 1/8,000 sec. with SB-800. AA mode, Non-TTL Auto Flash, Manual.	1,005-pixel RGB Sensor TTL Flash Control; 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. Auto-Aperture: Available with SB-800 with CPU Lens. Non-TTL Auto; Available with Speedlights such as SB-800, 80DX, 28DX, 28, 27, and 22s. Range-priority Manual; Available with SB-800. Built-in Commander Mode: Groups A/B plus camera Group, 4 Channels.	1,005-Segment TTL Sensor. i-TTL with SB-800, SB-600, and D/G-type AF Nikkor lens. Multi-Sensor Balanced Fill-Flash, AA mode, Non-TTL Auto Flash, Manual. Wireless i-TTL with SB-800 (Master Controller or Remote) or SB-600 (Built-in Commander mode).	420-Segment TTL Sensor. i-TTL with SB-800, SB-600, and D/G-type AF Nikkor lens. Multi-Sensor Balanced Fill-Flash, AA mode, Non-TTL Auto Flash, Manual. Wireless i-TTL with SB-800 (Master Controller or Remote) or SB-600 (Remote only).
Resolution for Digital SLR	12.4 effective megapixels 4,396 x 2,920 pixels.	4.1 effective megapixels 2,464 x 1,632 pixels.	10.2 effective megapixels 3,872 x 2,592 pixels.	6.1 effective megapixels 3,008 x 2,000 pixels.	6.1 effective megapixels 3,008 x 2,000 pixels.
SLR Cameras Power Source	Intelligent Li-ion battery EN-EL4 (11.1V DC), 2000mAh, battery check for status, condition, remaining charge, count up/down. Quick Charger MH-21, with special calibration feature. Optional AC power supply EH-6.	Intelligent Li-ion battery EN-EL4 (11.1V DC), 2000mAh, battery check for status, condition, remaining charge, count up/down. Quick Charger MH-21, with special calibration feature. Optional AC power supply EH-6.	Li-ion battery EN-EL3e (7.4V DC), MB-D200 Battery Pack (Optional) with 1 or 2 Rechargeable Nikon EN-EL3e Li-ion Batteries or 6 AA Alkaline (LR6), NiMH (HR6), Lithium (FR6) Batteries Quick Charger MH-18a (12V DC), AC Adapter EH-5 (100-240V AC) and Optional Li-ion Battery Pack EN-EL3a or 2R6 Nickel-Manganese AA Batteries, AC Adapter EH-6 (Optional).	Li-ion battery EN-EL3a (7.4V DC), Three CR-2 lithium batteries (with optional MS-D70 CR-2 Battery Holder) Quick Charger MH-18a (12V DC), AC Adapter EH-5 (100-240V AC) and optional li-ion Battery Pack EN-EL3a or Multi-Charger MH-19.	Li-ion battery EN-EL3 (7.4V DC), Three CR-2 lithium batteries (with supplied MS-D70 CR-2 Battery Holder) Quick Charger MH-18a (12V DC), AC Adapter EH-5 (100-240V AC) and optional li-ion Battery Pack EN-EL3 or Multi-Charger MH-19.
Dimensions (W x H x D)	Approx. 6.2 x 5.8 x 3.3 in.	Approx. 6.2 x 5.8 x 3.3 in.	Approx. 5.8 x 4.4 x 2.9 in.	Approx. 5.5 x 4.4 x 3.1 in.	Approx. 5.2 x 4.0 x 3.0 in.
Weight (Approx.)	Approx. 37 oz. (without battery)	Approx. 37 oz. (without battery)	Approx. 29 oz. (without battery)	Approx. 21 oz. (without battery)	Approx. 19 oz. (without battery)
MSRP	$5499.00	$3849.00	$1849.00	$979.00 Body $1299.00 Outfit (w/ AF-S DX 18-70)	$819.00 Body $979.00 Outfit (w/ AF-S DX 18-55)

*144 frames when using JPEG NORMAL - Large setting, and a SanDisk SDCFH (Ultra II), SDCFX (Extreme/Extreme III), or Lexar Media 80X WA CompactFlash™ card

**137 frames when using JPEG NORMAL - Large settings, and a SanDisk Ultra II SD Card (256MB). The number of continuous shots possible in a single burst may be fewer depending on the type of SD card used.