






Nikon Digital SLR Camera Features & Comparison Chart



	 D2xs	 D2Hs	 D200	 D70s	 D50
Product Number	25414	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
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.
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 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.	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.	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 (-3 to +1m-1); 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.	Optical-type, fixed eye level penta-DACH-mirror type; built-in diopter adjustment (-1.6 to +0.5m -1); eyepiece cap provided.	Optical-type, fixed eye level penta-DACH-mirror type; built-in diopter adjustment (-1.6 to +0.5m -1); eyepiece cap provided.
Viewfinder Coverage	Virtually 100%	Virtually 100%	Approx. 95%	Approx. 95%	Approx. 95%
Viewfinder Magnification	Approx. 0.86x (with 50mm lens set to infinity and -1.0m-1)	Approx. 0.86x (with 50mm lens set to infinity and -1.0m-1)	Approx. 0.94x (with 50mm lens set to infinity and -1.0m-1)	Approx. 0.75x (with 50mm lens set to infinity and -1.0m-1)	Approx. 0.75x (with 50mm lens set to infinity and -1.0m-1)
LCD Monitor	2.5-in., 232,000-dot, TFT with brightness adjustment	2.5-in., 232,000-dot, TFT with brightness adjustment	2.5-in., 230,000-dot, TFT with brightness adjustment	2.0-in., 130,000-dot, TFT with brightness adjustment	2.0-in., 130,000-dot, TFT with brightness adjustment
Metering System	TTL full-aperture metering; 1) 1,005-segment 3D Color Matrix Metering II 2) Center-Weighted metering 3) Spot metering	TTL full-aperture metering; 1) 1,005-segment 3D Color Matrix Metering II 2) Center-Weighted metering 3) Spot metering	TTL full-aperture metering; 1) 1,005-segment 3D Color Matrix Metering II 2) Center-Weighted metering 3) Spot metering	TTL full-aperture metering; 1) 1,005-segment 3D Color Matrix Metering 2) Center-Weighted metering 3) Spot metering	TTL full-aperture metering; 1) 420-segment 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 II: EV 0-20 2) Center-Weighted: EV 0-20 3) Spot: EV 2-20	1) 3D Color Matrix II: EV 0-20 2) Center-Weighted: EV 0-21 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 II: EV 0-20 2) Center-Weighted: EV 0-20 3) Spot: EV 2-20
Autofocus	TTL Phase Detection, Nikon Multi-CAM2000 AF Module. Autofocus Detection Range: EV -1 to +19. Focus Area can be selected from 11 focus areas (High-Speed Crop: 9 focus areas).	TTL Phase Detection, Nikon Multi-CAM2000 AF Module. Autofocus Detection Range: EV -1 to +19. Focus Area can be selected from 11 focus areas.	TTL Phase Detection, Nikon Multi-CAM1000 AF Module with AF-assist illuminator provided. Autofocus Detection Range: EV -1 to +19. Focus Area can be selected from: 11 areas (Normal; single or group) or 7 areas (Wide).	TTL Phase Detection Nikon Multi-CAM900 AF Module with AF-assist illuminator provided. Autofocus Detection Range: EV -1 to +19. Focus Area can be selected from 5 focus areas.	TTL Phase Detection, Nikon Multi-CAM900 AF Module with AF-assist illuminator provided. Autofocus Detection Range: EV -1 to +19. Focus Area can be selected from 5 focus areas.
Shutter	Electromagnetically controlled vertical-travel focal-plane mechanical shutter; 30 sec. to 1/8,000 sec. and Bulb.	Electromagnetically controlled vertical-travel focal-plane mechanical shutter; 30 sec. to 1/8,000 sec. and Bulb.	Electronically-controlled vertical-travel focal-plane 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 1/8,000 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 22 JPEG, 17 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 shooting (CL) mode: adjustable from approx. 1-4 fps. (CH) approx. 5 fps (up to 22 NEF, or 37 JPEG shots). 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: approx 3fps (up to approx 144 frames*). 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: 2.5 fps (up to approx 137 frames*)
ISO Range (Manual Setting)	ISO equivalency 100-800 (HI-1 and HI-2 available) (variable in 1/3-, 1/2- or 1-EV steps).	ISO equivalency 200-1,600 (HI-1 and HI-2 available) (variable in 1/3-, 1/2- or 1-EV steps).	ISO equivalency 100-1600 (HI-1 available) (variable in 1/3-, 1/2- or 1-EV steps).	ISO equivalency 200 to 1,600 (variable in 1/3-EV steps).	ISO equivalency 200 to 1,600 (variable in 1/3-EV steps)
Built-in Flash			Manual pop-up type with button release, i-TTL controlled (ISO 200/ISO 100, ft.) GN 52/39 (i-TTL 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 49/36 (i-TTL 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 49/36 (i-TTL 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. 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 1/500 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) X-Sync: 1/500 sec. 7) Top TTL Sync: 1/500 sec.
Speedlight Control	1,005-Segment TTL Sensor, i-TTL Balanced Fill-Flash or standard i-TTL flash (Spot Metering) with built-in flash or SB-800/SB-600 or SB-R200 and D/G-type AF Nikkor lens; AA mode, Non-TTL Auto Flash, and Manual. Auto FP High-Speed Sync to 1/8,000 sec. with SB-800.	1,005-Segment TTL Sensor, i-TTL Balanced Fill-Flash or standard i-TTL flash (Spot Metering) with built-in flash or SB-800/SB-600 or SB-R200 and D/G-type AF Nikkor lens; AA mode, Non-TTL Auto Flash, and Manual. Auto FP High-Speed Sync to 1/8,000 sec. with SB-800.	1,005-Segment TTL Sensor, i-TTL Balanced Fill-Flash or standard i-TTL flash (Spot Metering) with built-in flash or SB-800/SB-600 or SB-R200 and D/G-type AF Nikkor lens; AA mode, Non-TTL Auto Flash, and Manual. Auto FP High-Speed Sync to 1/8,000 sec. with SB-800.	1,005-Segment TTL Sensor, i-TTL Balanced Fill-Flash or standard i-TTL flash (Spot Metering) with built-in flash or SB-800/SB-600 or SB-R200 and D/G-type AF Nikkor lens; AA mode, Non-TTL Auto Flash, and Manual.	420-Segment TTL Sensor, i-TTL Balanced Fill-Flash or standard i-TTL flash (Spot Metering) with built-in flash or SB-800/SB-600 or SB-R200 and D/G-type AF Nikkor lens; AA mode, Non-TTL Auto Flash, and Manual.
SLR Cameras Power Source	Intelligent Li-ion battery EN-EL4a (11.1V DC), 2500mAh, 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. Also compatible with EN-EL4a. (See D2xs power source).	Intelligent Li-ion battery EN-EL3e (7.4V DC), 1500mAh, battery check for status, condition, remaining charge, count up/down. Quick Charger MH-18a, with special calibration feature. Optional AC power supply EH-6. *With optional MB-200 Battery Pack - one or two rechargeable Nikon EN-EL3e Li-ion batteries or six AA alkaline (LR6), NiMH (HR6), lithium (FR6) batteries, or ZR6 nickel-manganese AA batteries.	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 Multi-Charger MH-19.	Li-ion battery EN-EL3e (7.4V DC), Three CR-2 lithium batteries (with optional MS-D70 CR-2 battery holder) Quick Charger MH-18 (12V DC), AC Adapter EH-5 (100-240V AC) and Multi-Charger MH-19.
Dimensions (W x H x D)	Approx. 6.2 x 5.9 x 3.4 in.	Approx. 6.2 x 5.9 x 3.4 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)
*** ESP (Estimated Selling Price)	\$4699.95	\$3499.00	\$1699.00	\$699.00 Body \$999.00 Outfit (w/AF-S DX 18-70mm)	\$579.00 Body \$699.00 Outfit (w/AF-S DX 18-55mm) \$899.00 Outfit (w/AF-S DX 18-55mm & AF-S DX 55-200mm)