The power of digital photography defined

The sheer power, speed, control, and versatility to match the creative demands of the world's award-winning professional photographers. The ease of use that allows beginners to faithfully preserve unforgettable family moments. Whatever your priorities, Nikon digital SLRs offer the innovative technology, precision engineering, and reliably superior performance to produce breathtaking images that you can be proud of.

D4s   Df   D810   D750   D610   D7100

D5300   D5200   D3300   D3200

D4s

• Lens: AF-S NIKKOR 70-200mm f/2.8G ED VR II
• Exposure: [M] mode, 1/2,000 second, f/3.5
• White balance: Cloudy
• Sensitivity: ISO 400
• Picture Control: Standard
©Robert Beck

D810

Capture smooth action in
1080/60p with superior definition

Df
• Lens: AF-S NIKKOR 28mm f/1.8G
• Exposure: [M] mode, 1/125 second, f/8
• White balance: Auto 1 • Sensitivity: ISO 2500
• Picture Control: Standard
©Jeremy Walker

D750
• Lens: AF-S NIKKOR 14-24mm f/2.8G ED
• Exposure: [M] mode, 1/2,500 second, f/6.3
• White balance: Auto 1 • Sensitivity: ISO 320
• Picture Control: Standard
©Ray Demski

D610
• Lens: AF-S NIKKOR 58mm f/1.4G
• Exposure: [M] mode, 1/125 second, f/2.8
• White balance: Color Temp. (5000K)
• Sensitivity: ISO 100 • Picture Control: Standard
©Hideki Kono

D4s

All-round professional performance: a true gearshift

While having received high evaluation for Nikon's flagship D-SLR model D4 from professionals and advanced amateurs, we also gained valuable information about their diverse requirements. By seriously facing each point and calculating the most appropriate solutions, we have developed the most powerful, all-round flagship D-SLR model. With all the speed and power you expect from a new Nikon flagship, the D4S is packed with expanded features and versatility that will fully comply with the uncompromising requirements of professionals who demand reliable picture-taking of their desired subjects with the finest image quality.

• Lens: AF-S NIKKOR 24-70mm f/2.8G ED • Image quality: 14-bit RAW (NEF) • Exposure: [M] mode, 1/2,500 second, f/6.3 • White balance: Auto 2 • Sensitivity: ISO 160 • Picture Control: Standard   © Dave Black

• Lens: AF-S NIKKOR 300mm f/2.8G ED VR II • Image quality: 14-bit RAW (NEF)
• Exposure: [S] mode, 1/4,000 second, f/6.3 • White balance: Auto 1 • Sensitivity: ISO 3200
• Picture Control: Standard   © George Karbus

▌ Stunning image quality:
The newly designed FX-format CMOS image sensor offers 16.2-megapixel resolution, while ensuring wide dynamic range and low-noise performance at high sensitivities.

▌ Remarkably wide light sensitivity range:
ISO 100 to 25600 as standard without sacrificing dynamic range, which can be expanded to the equivalent of ISO 50 to 409600.

▌ EXPEED 4 image-processing engine:
Incorporates an entirely new algorithm for even higher ISO noise reduction and color fidelity.

▌ Advanced AF system featuring 51 focus points:
Achieves accurate AF acquisition and tracking even for extremely fast and erratically moving subjects or in low-contrast, dimly lit conditions.

▌ Professional-worthy 1080/60p Full HD video:
Provides comprehensive operability, an incredibly sharp 1920 × 1080 crop format, and rich, noise-free color from ISO 200 to 25600.

• Versatile AF-area modes:
Include the new Group-area mode that focuses on desired subjects more securely by using five focus points simultaneously like a net.

• Improved mirror-moving mechanism:
Ensures smoother visibility through the optical viewfinder while tracking subjects during high-speed continuous shooting.

• Advanced Scene Recognition System using 91K-pixel RGB sensor:
Achieves more powerful focus tracking, tack-sharp focus on faces, well-balanced exposures that retain highlights, and even more faithful white balance.

• Spot White Balance:
Allows you to calculate on-the-spot preset manual white balance during live view using a tiny data acquisition area selected in your frame.

• RAW size S (12-bit, uncompressed) file format for higher-speed workflow:
Features a quarter of the number of pixels of RAW size L (approx. half of the file size) while maintaining sharpness and noise level equivalent to JPEG size S.

• Quick response:
Achieves approx. 0.12 s* startup time, approx. 0.042 s* shutter-release time lag, and continuous shooting at up to 11 fps (with AE/AF) for up to 200 shots in FX format.
* Based on CIPA Guidelines.

• Approx. 921k-dot, wide-viewing-angle, 8-cm (3-in.) LCD monitor:
Besides being meticulously calibrated to display correct colors, you can adjust the color balance of the monitor to your preference.

• Comprehensive professional reliability:
Realized with the light, durable magnesium-alloy body and moisture- and dust-proof sealing, as well as the shutter unit tested over 400,000 times in fully assembled models.

• Lens: AF-S NIKKOR 800mm f/5.6E FL ED VR • Image quality: 14-bit RAW (NEF)
• Exposure: [M] mode, 1/2,500 second, f/7.1 • White balance: Direct Sunlight • Sensitivity: ISO 2000
• Picture Control: Standard   © Robert Beck

• Lens: AF-S NIKKOR 400mm f/2.8G ED VR • Image quality: 14-bit RAW (NEF)
• Exposure: [M] mode, 1/4,000 second, f/5.6 • White balance: Auto 1
• Sensitivity: ISO 250 • Picture Control: Standard   © Dave Black

D*f*

Inspiration on contact

Universally acknowledged purposeful operability that directly connects photographers with the camera. High image quality, throughout a wide sensitivity range from low to ultrahigh, equivalent to that of the D4, is achieved with the smallest and lightest body among Nikon FX-format models. The Nikon Df realizes a "fusion" of tactile precision mechanics and flagship image quality, stimulates photographers' artistic sensibilities, and expands the range and flexibility of image expression, enhancing their creative inspiration.

• Lens: AF-S NIKKOR 28mm f/1.8G • Image quality: 14-bit RAW (NEF) • Exposure: [A] mode, 1/640 second, f/11 • White balance: Auto 1 • Sensitivity: ISO 400 • Picture Control: Landscape   © Jeremy Walker

• Lens: AF-S NIKKOR 50mm f/1.8G • Image quality: 14-bit RAW (NEF)
• Exposure: [A] mode, 1/1,250 second, f/8 • White balance: Direct Sunlight • Sensitivity: Auto (ISO 100)
• Picture Control: Standard   © Takeshi Fukazawa

• Lens: AF-S NIKKOR 70-200mm f/4G ED VR • Image quality: 14-bit RAW (NEF)
• Exposure: [A] mode, 1/1,250 second, f/5.6 • White balance: Auto 1 • Sensitivity: ISO 1600
• Picture Control: Standard   © Jeremy Walker

Employment of mechanical dials:
Dedicated for setting ISO sensitivity, shutter speed, exposure compensation, exposure mode and release mode independently.

The quartet of true potential:
NIKKOR, the Nikon FX-format image sensor and the EXPEED 3 image-processing engine of the D4, and Picture Control.

Wide sensitivity range of ISO 100 to 12800:
Expandable to ISO 50 (Lo 1) or ISO 204800 (Hi 4), offering exceptional versatility.

Compatible with non-AI NIKKOR lenses:
Exposure meter coupling is also available with simple lens information input.

Lightweight and ruggedly constructed body:
Achieves superb dust-prevention and weather-resistance performance by employing magnesium alloy for the top, rear and bottom covers.

• **Glass pentaprism, high-performance optical viewfinder:**
Achieves approx. 100% frame coverage (in FX format) and approx. 0.7x magnification ratio.

• **Approx. 921k-dot, wide-viewing angle, 8-cm (3.2-in.) LCD monitor:**
Utilizes reinforced glass that achieves less surface reflection and clear visibility with its integrated glass and panel structure.

• **Advanced 39-point AF system:**
Features nine cross-type sensors and seven focus points compatible with f/8 maximum effective aperture.

• **Spot White Balance:**
Enables preset of white balance based on a specific area of the frame you select during live view shooting.

• **Shutter speed can be set in steps of 1/3 EV:**
Enables finer control by setting the shutter speed dial to 1/3 STEP and rotating the command dial.

• **High-speed continuous shooting:**
At approx. 5.5 fps in both FX and DX formats, for up to 100 shots*.
* When shooting in JPEG.

• **Quick and accurate response:**
Approx. 0.14 s* start-up time and approx. 0.052 s* shutter release time lag.
* Based on CIPA Guidelines.

• **Energy-saving design:**
Enables shooting of approx. 1,400 frames* per battery charge with the EN-EL14a Rechargeable Li-ion Battery.
* Based on CIPA Standards.

• **Scene Recognition System with 2016-pixel RGB sensor:**
Achieves enhanced accuracy.

• **Varied information display options in live view shooting:**
Include the 9-cell framing grid display and virtual horizon display on the LCD monitor, for facilitating better image composition.

Supplied accessories
EN-EL14a Rechargeable Li-ion Battery, MH-24 Battery Charger, DK-26 Eyepiece Cap, String for eyepiece cap, UC-E6 USB Cable, AN-DC9 Camera Strap, BF-1B Body Cap, BS-1 Accessory Shoe Cover, ViewNX 2 CD-ROM

• AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED • Image quality: 14-bit RAW (NEF)
• Exposure: [A] mode, 1/160 second, f/5.6 • White balance: Direct Sunlight • Sensitivity: Auto (ISO 400)
• Picture Control: Standard   © Takeshi Fukazawa

• Lens: AF-S NIKKOR 35mm f/1.4G • Image quality: 14-bit RAW (NEF)
• Exposure: [M] mode, 1/125 second, f/2 • White balance: Auto 2 • Sensitivity: ISO 3200
• Picture Control: Standard   © Jeremy Walker

D810

Incomparable image quality and practical versatility

Bring the imaging power of a massive 36.3 effective megapixels to a diverse range of scenes. The D810's all-new FX-format image sensor and EXPEED 4 image-processing engine work together to produce images with greater clearness. Brilliantly precise autofocus and significantly reduced internal vibration make it easier to capture pinpoint-sharp images, while a faster burst rate of approx. 5 fps in FX format broadens the range of shooting situations. Multimedia users, meanwhile, can enjoy precisely rendered movies in 1080/60p, with significantly reduced moiré and noise. This is the camera that will let you create your next masterpiece.

• Lens: AF-S NIKKOR 58mm f/1.4G • Image quality: 14-bit RAW (NEF) • Exposure: [M] mode, 1/1.6 second (electronic front-curtain shutter), f/5 • White balance: Color Temp. (5500K) • Sensitivity: ISO 64 • Picture Control: Standard   © Shinichi Sato

▌ The highest image quality in Nikon's history:
The new Nikon FX-format CMOS image sensor delivers stunningly sharp images via 36.3 effective megapixels, with consistently wide dynamic range from standard ISO 64 to 12800.

▌ EXPEED 4 image-processing engine:
Renders high-definition images with enhanced sharpness, rich tonality, accurate color reproduction and carefully controlled noise across all ISO sensitivities.

▌ 51-point AF system with the highest accuracy of all Nikon D-SLRs:
Achieves the AF performance required for large 36.3-megapixel images via reassessment of hardware and algorithms.

▌ Faster continuous shooting frame rate:
Captures action at approx. 5 fps in FX format at full resolution, and up to approx. 7 fps in DX format* at approx. 15.4 megapixels (recording pixels).
* With batteries other than EN-EL15

▌ Full HD movies with enhanced definition:
Capture motion smoothly at up to 60p, with significantly reduced moiré and false color.

• Evolved Picture Control System:
"Flat" option for a more natural effect than that of "Standard", "Clarity" setting for adjustment of image crispness, and finer 0.25-step adjustment.

• Lens: AF-S NIKKOR 58mm f/1.4G • Image quality: 14-bit RAW (NEF)
• Exposure: [A] mode, 1/200 second, f/5.6 • White balance: Flash • Sensitivity: ISO 1600
• Picture Control: Vivid   © Miss Aniela

• Advanced Scene Recognition System:
Utilizes a 91K-pixel RGB sensor for sophisticated auto control.

• New Group-area AF mode:
Offers enhanced subject detection and tracking even for randomly moving subjects.

• RAW size S (12-bit, uncompressed) file format:
Provides image quality and a level of noise equivalent to JPEG size S.

• 8-cm (3.2-in.)., approx. 1229k-dot LCD monitor with RGBW alignment:
Enables easy capture of peak points of focusing.

• Optical viewfinder with 100% frame coverage and OEL display element:
Ensures bright, high-contrast information display, with low power consumption.

• Electronic front-curtain shutter and newly developed sequencer mechanism:
Internal mechanical vibration is effectively reduced to deliver sharp images.

• Highlight-weighted metering:
Automatically determines exposure avoiding overblown highlights.

• Built-in flash incorporating a commander function:
Supports Advanced Wireless Lighting.

• Capture NX-D (free) ideal for RAW processing:
Offers a selection of key editing functions for RAW files.

Supplied accessories
EN-EL15 Rechargeable Li-ion Battery, MH-25a Battery Charger, USB Cable Clip, HDMI Cable Clip, UC-E22 USB Cable, AN-DC12 Camera Strap, BF-1B Body Cap, DK-17 Eyepiece, BM-12 LCD Monitor Cover, ViewNX 2 CD-ROM

• Lens: AF-S NIKKOR 800mm f/5.6E FL ED VR • Image quality: 14-bit RAW (NEF)
• Exposure: [A] mode, 1/1,600 second, f/5.6 • White balance: Direct sunlight • Sensitivity: ISO 200
• Picture Control: Vivid   © Lucas Gilman

• Lens: AF-S NIKKOR 70-200mm f/2.8G ED VR II • Image quality: 14-bit RAW (NEF)
• Exposure: [A] mode, 1/30 second (electronic front-curtain shutter), f/10
• White balance: Direct sunlight • Sensitivity: ISO 64 • Picture Control: Landscape
          © Hisao Asano

D750
UNCHAINED

Establishing a brand new position in the Nikon D-SLR lineup, the D750 was developed to realize mobility and flexibility as well as rich image expression utilizing an FX-format image sensor delivering 24.3 effective megapixels. In addition, this model features added values such as a tilting monitor and built-in Wi-Fi, that are a first for FX-format models. While offering genuine specifications almost equivalent to those of higher-class models and newly added features, the D750 liberates photographers from previous restrictions by providing them with more freedom.

• Lens: AF-S NIKKOR 70-200mm f/2.8G ED VR II • Image quality: 14-bit RAW (NEF) • Exposure: [M] mode, 1/500 second, f/4 • White balance: Cloudy • Sensitivity: ISO 800 • Picture Control: Standard   © Ray Demski

---

• Lens: AF-S NIKKOR 28mm f/1.8G • Image quality: 14-bit RAW (NEF)
• Exposure: [A] mode, 1/200 second, f/2.2 • White balance: Auto 1 • Sensitivity: Auto (ISO 4500)
• Picture Control: Standard   © Ryo Ohwada

• Lens:Lens: AF-S NIKKOR 24mm f/1.4G ED • Image quality: 14-bit RAW (NEF)
• Exposure: [A] mode, 1/200 second, f/5.6 • White balance: Auto 1
• Sensitivity: Auto (ISO 450) • Picture Control: Standard   © Ryo Ohwada

Rich expression and refined image quality:
Well-balanced, sumptuous image quality is supported by four elements — FX-format sensor with 24.3 megapixels, EXPEED 4 image-processing engine, NIKKOR lens and Picture Control.

Exceptional image quality across a wide sensitivity range:
Delivers noise-free images across a wide standard sensitivity range from ISO 100 to 12800, while maintaining the detail and sharpness of 24.3 megapixels.

Performance-proven 51-point AF system:
Offers strengthened focus detection capability even at a very dim -3 EV (ISO 100, 20°C/68°F), a level at which the human eye has difficulty seeing.

High-speed continuous shooting at approx. 6.5 fps:
Shoot continuously for up to 100 JPEG shots in both FX and DX formats, boosting your ability to capture the action.

Full HD 1080/60p D-Movie with multi-area mode capability:
Operability is further enhanced with the newly added movie shooting menu, Auto ISO sensitivity control (in M mode), power aperture (in A/M mode) and a variety of audio functions.

• Tilting LCD monitor — a first for FX-format models:
Quickly adjusts upward by 90° and downward by 75°, allowing comfortable shooting from various angles.

• Optical viewfinder with approx. 100% frame coverage:
Newly designed eyepiece lenses and screen as well as multilayer coating enhance clarity and visibility.

• Compact and light, slim body:
The employment of a monocoque structure and new material along with reassessment of the internal layout have achieved a durable body that ensures reliable and comfortable holding.

• Advanced Scene Recognition System:
Utilizes a compact 91K-pixel RGB sensor for more accurate auto control.

• Highlight-weighted metering:
Automatically determines an appropriate exposure while preventing overblown highlights.

• Special Effects mode:
Produces a variety of unique and eye-catching pictures and movies to stimulate your creativity.

• Evolved Picture Control System:
"Flat" option for a more natural effect than that of "Standard", "Clarity" setting for adjustment of image crispness, and finer 0.25-step adjustment.

• New Group-area AF mode:
Offers enhanced subject detection and tracking even for randomly moving subjects.

• Wi-Fi is built-in — a first for FX-format models:
Enables instant upload of high-quality images and supports efficient workflow.

Supplied accessories
EN-EL15 Rechargeable Li-ion Battery, MH-25a Battery Charger, UC-E17 USB Cable, AN-DC14 Camera Strap, BF-1B Body Cap, DK-5 Eyepiece Cap, DK-21 Rubber Eyecup, ViewNX 2 CD-ROM

• Lens: AF-S NIKKOR 16-35mm f/4G ED VR • Image quality: 14-bit RAW (NEF)
• Exposure: [M] mode, 1/1,250 second, f/6.3 • White balance: Flash • Sensitivity: ISO 5000
• Picture Control: Standard   © Ray Demski

• Lens: AF-S NIKKOR 85mm f/1.8G • Exposure: [M] mode, 1/200 second, f/2.5
• Image quality: 14-bit RAW (NEF) • White balance: Color Temp. (6,250K) • Sensitivity: ISO 250
• Picture Control: Landscape   © Ray Demski

D610

Experience photography at its fullest

Get ready for a new level of photography. With the D610, you've arrived at the gateway to FX-format shooting. You'll be amazed at the image quality that the large size of an FX-format sensor can offer. The abundant 24.3-megapixel count can be further enhanced by the use of fast NIKKOR lenses, delivering smooth, natural tonality and incredibly sharp detail with low noise when shooting at high ISOs. All this in a remarkably compact and lightweight body, with an improved 6-fps speed to help you capture the shots you want. It's a camera to take with you wherever you need it most, and to take your creativity even further.

• Lens: AF-S NIKKOR 24-85mm f/3.5-4.5G ED VR • Image quality: 14-bit RAW (NEF) • Exposure: [A] mode, 1/160 second, f/8 • White balance: Auto 1 • Sensitivity: ISO 200 • Picture Control: Standard   © Robert Bösch

• Lens: AF-S NIKKOR 85mm f/1.8G • Image quality: 14-bit RAW (NEF)
• Exposure: [M] mode, 1/250 second, f/2.2 • White balance: Auro 1 • Sensitivity: ISO 200
• Picture Control: Standard   © Hideki Kono

• Lens: AF-S NIKKOR 600mm f/4G ED VR • Image quality: 12-bit RAW (NEF)
• Exposure: [S] mode, 1/640 second, f/5.6 • White balance: Color temperature (5,000K)
• Sensitivity: ISO 1000 • Picture Control: Standard   © Junichi Noguchi

▊ Vital elements for a formidable machine:
FX-format sensor, EXPEED 3 image-processing engine, Picture Control and NIKKOR.

▊ High-speed continuous shooting at up to 6 fps:
Achieved by employing an exclusive driving mechanism combined with the swift performance of the EXPEED 3.
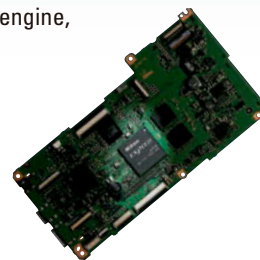
▊ Enhanced image quality:
With improved auto white control, people's faces and subjects can be finely reproduced with natural color rendition, while the depth of the subject's face is clearly depicted in portrait shooting.

▊ Qc (quiet continuous) shutter-release mode:
Reduces mirror noise while still offering up to 3 fps, for maximum discretion when shooting quiet scenes.

▊ Optical viewfinder featuring approx. 100% frame coverage:
Enables confirmation of the entire large image area of FX format for precise composition.

• Wide sensitivity range from ISO 100 to 6400:
Can be set to Lo 1 (ISO 50 equivalent) or Hi 2 (ISO 25600 equivalent) to handle various degrees of brightness.

• Nikon FX-format CMOS sensor (35.9 x 24.0 mm) with 24.3 effective megapixels:
Delivers stable, high image quality.

• Seven focus points compatible with f/8:
Enables precise focusing even when attaching a 2.0x teleconverter to telephoto lenses with a maximum aperture of f/4.

• Scene Recognition System:
Recognizes the subject's situation accurately prior to shooting and enables precise auto control.

• Approx. 921k-dot, wide-viewing angle, 8-cm (3.2-in.) LCD monitor:
Utilizes reinforced glass that reduces the surface reflection of each part to deliver clear visibility with its integrated structure of glass and panel.

• Multi-area mode Full HD D-Movie:
Delivers two movie formats, selectable according to the photographer's creative intentions.

• SD memory card double slots:
Compatible with high-speed SDXC and UHS-I.

• Time-lapse photography:
Lets you shoot automatically at designated intervals and save as a movie to replay slow-moving activity at high speed.

• Built-in flash incorporating a commander function:
Supports Advanced Wireless Lighting.

Supplied accessories
EN-EL15 Rechargeable Li-ion Battery, MH-25 Battery Charger, DK-5 Eyepiece Cap, DK-21 Rubber Eyecup, UC-E15 USB Cable, AN-DC10 Camera Strap, BM-14 LCD Monitor Cover, BF-1B Body Cap, BS-1 Accessory Shoe Cover, ViewNX 2 CD-ROM

• Lens: AF-S NIKKOR 24-70mm f/2.8G ED • Image quality: 14-bit RAW (NEF)
• Exposure: [M] mode, 1/1,250 second, f/7.1 • White balance: Auto 1 • Sensitivity: ISO 100
• Picture Control: Standard   © Robert Bösch

D7100

Act on your instincts

The D7100 realizes extremely high image quality thanks to its high pixel count of 24.1 effective megapixels, outstanding definition achieved by removing the optical low-pass filter, an image-processing engine equivalent to that of the D4, and NIKKOR lenses. While inheriting superior functions such as the 51-point AF system and advanced basic performance from higher-end models, the D7100 also features original new functions, like 1.3× crop of DX, that expand the possibilities of the DX format.

• Lens: AF-S VR Zoom-Nikkor 70-300mm f/4.5-5.6G IF-ED • Exposure: [A] mode, 1/320 second, f/11 • White balance: Auto 2 • Sensitivity: ISO 100 • Picture Control: Landscape   © Robert Bösch

• Lens: AF-S NIKKOR 500mm f/4G ED VR • Exposure: [M] mode, 1/1000 second, f/8
• White balance: Direct sunlight • Sensitivity: ISO 200 • Picture Control: Standard   © Koji Nakano

• Lens: AF-S Micro NIKKOR 60mm f/2.8G ED • Exposure: [M] mode, 1/250 second, f/10
• White balance: Auto 1 • Sensitivity: ISO 400 • Picture Control: Landscape
© Moose Peterson

▌ Nikon DX-format CMOS sensor ▌ with 24.1 megapixels:
Realizes the true potential of the high pixel count through the superior optical performance of NIKKOR lenses.

▌ Image-processing engine EXPEED 3:
Processes multiple tasks in parallel while maintaining high precision to bring out the full potential of the 24.1 megapixels.

▌ Standard ISO 100 to ISO 6400:
Range expandable up to ISO 25600 (Hi 2) equivalent, adapting to various lighting conditions.

▌ Superior capturing power ▌ delivered by a high-density ▌ 51-point AF system:
Covers nearly the entire image area in the 1.3× crop of DX mode.

▌ Multi-area mode Full HD D-Movie up to 1920 x ▌ 1080 at 60i/50i:
Two movie formats based on DX and 1.3× crop of DX selectable according to shooting intention.

• Fast response:
Release time lag of approx. 0.052 s*[1] and high-speed continuous shooting at up to approx. 7 fps*[1]*[2].
*1 Based on CIPA Guidelines.
*2 In 1.3× crop of DX mode with JPEG/12-bit NEF (RAW).

• 1.3× crop of DX mode:
Enables you to get closer to distant subjects, with a frame almost entirely covered by the 51 focus points.

• Glass-pentaprism optical viewfinder:
Employs an organic EL display element for a clear, easy-to-read display.

• 8-cm (3.2-in.), wide-viewing angle, approx. 1229k-dot LCD monitor:
Features RGBW alignment for ensured visibility even in bright conditions.

• Convenient *i* button:
Enables quick and direct access to various functions, whether during optical viewfinder or live view shooting, or playback.

• Spot White Balance function:
Allows you to easily acquire preset manual data based on a specific area of the frame you select during live view.

• Special Effects:
Easily apply a variety of creative expressions to a picture, which can be confirmed in real-time during shooting.

• Double SD memory card slots:
Compatible with SDXC, UHS-I and supporting high-speed data communication.

• Compact and lightweight body:
Employs extremely durable magnesium alloy covers and superior weather and dust sealing.

• Energy-saving design:
Achieves approx. 950 frames* (with one EN-EL15, in single-frame mode).
* Based on CIPA Standards.

• WU-1a Wireless Mobile Adapter (optional):
Directly transfers image files to smart devices.

• Lens: AF-S NIKKOR 85mm f/1.8G • Exposure: [M] mode, 1/80 second, f/4.5 • White balance: Auto 1
• Sensitivity: ISO 400 • Picture Control: Portrait   © Robert Bösch

• UT-1 Communication Unit (optional):
Enables rapid data transfer to a PC and FTP server.

• Compatible with the multifunctional WR-1 Wireless Remote Controller and WR-R10/WR-T10 Wireless Remote Controllers (both optional)

Supplied accessories
EN-EL15 Rechargeable Li-ion Battery, MH-25 Battery Charger, DK-5 Eyepiece Cap, DK-23 Rubber Eyecup, UC-E6 USB Cable, AN-DC1 BK Camera Strap, BF-1B Body Cap, BS-1 Accessory Shoe Cover, ViewNX 2 CD-ROM

D5300

Capture exquisitely. Connect immediately.

Besides evolved performance, functions and operational ease, the D5300 incorporates advanced features including a new image-processing engine in a more compact and lighter body. In addition, a wireless LAN (Wi-Fi) function that enhances the pleasure of communication, and a location information (GPS) function that enables diverse applications, are built in — a first for a Nikon D-SLR. The D5300 is a DX-format digital SLR model that provides the enjoyment of communication and real, flexible image expression that cannot be attained with other models of this class.

Black   Gray   Red

* Color availability may vary according to region

• Lens: AF-S DX NIKKOR 16-85mm f/3.5-5.6G ED VR • Exposure: [M] mode, 1/60 second, f/11 • White balance: Auto • Sensitivity: ISO 100 • Picture Control: Standard
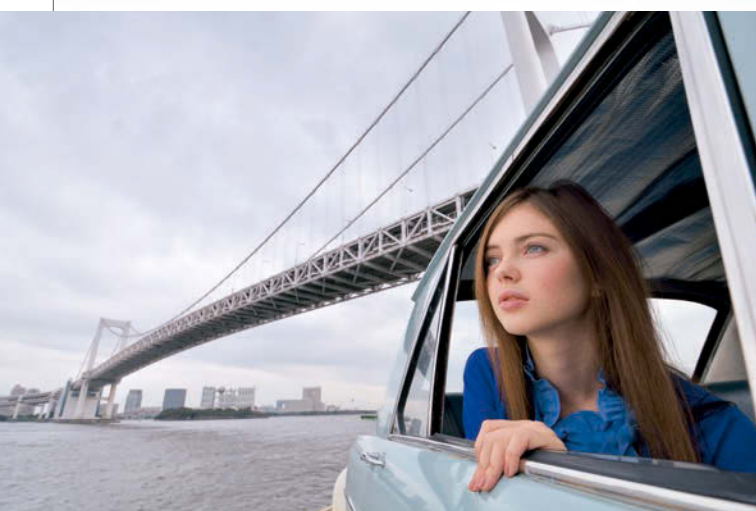

▌ Nikon DX-format CMOS sensor with ▌ 24.2 effective megapixels:
Designed without an optical low-pass filter to bring out the true resolving power of the high-pixel-count image sensor, and the sharp rendering of NIKKOR lenses.

▌ EXPEED 4 image-processing ▌ engine:
Achieves less noise, more faithful color tones and true blacks, even when shooting in low light or dimly lit interiors.
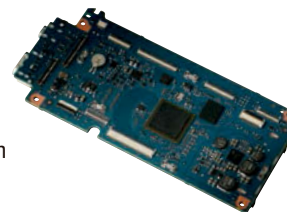
▌ ISO sensitivity range from ISO 100 to 12800:
Can be set to ISO 25600 and achieves sharp images by using faster shutter speeds even in low-lit situations or sports scenes.

▌ Built-in Wi-Fi function — a first ▌ for Nikon D-SLRs:
Enables image transfer to a smart device and upload to SNS with just a few simple steps, as well as remote shooting by using a smart device as a remote live view monitor.

▌ Built-in GPS function — a first for Nikon D-SLRs:
Realizes recording of location information as Exif data on images without attachments or accessories.

• Compact and durable body:
Realized by eliminating the conventional chassis and adopting a monocoque structure made of new material for the outer frame.

• Lens: AF-S DX NIKKOR 16-85mm f/3.5-5.6G ED VR • Exposure: [M] mode, 1/1,250 second, f/5.6 • White balance: Auto • Sensitivity: ISO 400 • Picture Control: Standard

• Lens: AF-S DX NIKKOR 35mm f/1.8G • Exposure: [M] mode, 1/80 second, f/2.5 • White balance: Auto • Sensitivity: ISO 1600 • Picture Control: Standard

---

• Approx. 1040k-dot, 8-cm (3.2-in.) vari-angle LCD monitor:
Allows you to shoot at a variety of angles from high to low with a stable posture, and even makes self-portraits possible.

• High-density 39-point AF system:
Enables you to quickly and sharply capture moments of peak action, even when your subject isn't in the center of the frame.

• Full HD D-Movie:
Compatible with 1920 × 1080 60i/50i that reliably delivers smooth, fluid recording, even with fast-moving subjects.

• Special Effects mode:
Enhances the enjoyment of image creation with still pictures and movies utilizing nine easy-to-use options including the newly added HDR Painting and Toy Camera Effect.

• In-camera image-editing functions:
A number of options available including a newly developed D-Lighting feature, "Portrait subjects".

• High-speed continuous shooting at approx. 5 fps:
Delivers more opportunities to catch the right moment or expression.

• WR-R10/WR-T10 Wireless Remote Controllers (optional):
Utilizing radio waves, comfortable remote shooting is assured even if there are obstacles in the way.

Supplied accessories
EN-EL14a Rechargeable Li-ion Battery, MH-24 Battery Charger, DK-5 Eyepiece Cap, DK-25 Rubber Eyecup, UC-E17 USB Cable, EG-CP16 Audio Video Cable, AN-DC3 Camera Strap, BF-1B Body Cap, BS-1 Accessory Shoe Cover, ViewNX 2 CD-ROM

• Lens: AF-S DX NIKKOR 35mm f/1.8G • Exposure: [M] mode, 1/2,000 second, f/1.8 • White balance: Auto • Sensitivity: ISO 100 • Picture Control: Standard

• Lens: AF-S DX Micro-NIKKOR 40mm f/2.8G • Exposure: [A] mode, 1/640 second, f/2.8 • White balance: Auto • Sensitivity: ISO 100 • Picture Control: Standard

D5200

Discover new perspectives

The D5200 is a leading model of the Nikon DX-format popular-class lineup that strongly attracts digital SLR camera-oriented users. It features a high pixel count of 24.1 effective megapixels, image-processing engine EXPEED 3, and a high-density 39-point AF system, as well as unique advanced functions, while achieving easy-to-understand, simple operability. Combine your personal creativity with this camera's incredible power and potential, and you can transform your imagination into inspired images and movies.

Black   Bronze   Red

* Color availability may vary according to region

• Lens: AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED • Exposure: [M] mode, 1/60 second, f/8 • White balance: Auto • Sensitivity: ISO 250 • Picture Control: Standard   © Douglas Menuez

• Lens: AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED • Exposure: [P] mode, 1/160 second, f/6.3
• White balance: Auto • Sensitivity: ISO 200 • Picture Control: Standard   © Daisuke Kamimura

▌ Nikon DX-format CMOS sensor with 24.1 effective megapixels:
Delivers high-definition images with fine details of the subject enabling expression with sharpness and depth.

▌ Approx. 921k-dot, 7.5-cm (3-in.) vari-angle LCD monitor:
Allows you to shoot in a variety of angles from high or low with a stable posture, expanding flexibility of composition.

▌ High-density 39-point AF system:
Features superior subject-tracking and subject-identification performance in combination with Scene Recognition System.

▌ Full HD D-Movie:
Compatible with 1920 × 1080 60i/50i that reliably records even fast-moving subjects, ensuring smooth, high-definition movies.

▌ Image-processing engine EXPEED 3:
Equivalent to that of Nikon's flagship model, the D4, it delivers excellent color reproduction, tonal gradation and superior image quality at high sensitivity.

▌ ISO sensitivity range of ISO 100 to 6400:
Can be set to ISO 25600 and achieves sharp images with reduced blur even in low-lit situations or sports scenes.

• Lens: AF-S DX NIKKOR 55-300mm f/4.5-5.6G ED VR • Exposure: [A] mode, 1/2000 second, f/6.3
• White balance: Auto • Sensitivity: ISO 400 • Picture Control: Standard
© Douglas Menuez

• Special Effects:
Enable you to enjoy various creative expressions in both still images and movies during shooting.

• High-speed continuous shooting:
At approx. 5 fps that surely captures decisive moments, while approx. 3 fps is also selectable.

• Scene Modes:
16 options enable selection of the most appropriate mode according to the shooting scene or subject.

• A variety of image-editing functions:
Allows you to retouch images easily after shooting, with options such as NEF (RAW) processing, Trim and Fisheye.

• Compact and lightweight body:
Offers three color variations (black, red and bronze) and enhanced holding.

• Newly designed GUI:
Effectively utilizes graphic-processing performance enhanced by EXPEED 3 for easier and more intuitive operation.

• Energy-saving design:
Achieves approx. 500 shots* per charge (with EN-EL14, in single-frame mode).
*Based on CIPA Standards.

• WU-1a Wireless Mobile Adapter (optional):
Enables transmission of images to a smartphone or tablet wirelessly.

• WR-R10/WR-T10 Wireless Remote Controllers (optional):
Realize remote control even if there are obstacles in the way.

• Lens: AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED • Exposure: [Color sketch] mode, 1/320 second, f/9
• White balance: Auto • Sensitivity: ISO 200 • Picture Control: Standard   © Daisuke Kamimura

• Lens: AF-S DX NIKKOR 18-105mm f/3.5-5.6G ED VR • Exposure: [Silhouette] Scene mode, 1/125 second, f/11 • White balance: Auto • Sensitivity: Auto (ISO 180) • Picture Control: Landscape   © Douglas Menuez

Supplied accessories
EN-EL14 Rechargeable Li-ion Battery, MH-24 Battery Charger, DK-5 Eyepiece Cap, DK-20 Rubber Eyecup, UC-E17 USB Cable, EG-CP16 Audio Video Cable, AN-DC3 Camera Strap, BF-1B Body Cap, BS-1 Accessory Shoe Cover, ViewNX 2 CD-ROM

D3300

Quality time deserves quality images

Despite its extremely compact body, Nikon's latest entry-level model, the D3300, features 24.2 effective megapixels delivered by a Nikon DX-format CMOS sensor with no optical low-pass filter, and the new EXPEED 4 image-processing engine, as well as Guide Mode and a variety of Special Effects that enable simple photo capture producing results as intended. With NIKKOR interchangeable lenses, the camera delivers razor-sharp detail even in low-light situations, while a range of advanced technologies makes it incredibly easy to use, even for beginners.

Black   Red   Gray

* Color availability may vary according to region

• Lens: AF-S DX NIKKOR 16-85mm f/3.5-5.6G ED VR • Exposure: [M] mode, 1/20 second, f/7.1 • White balance: Auto • Sensitivity: ISO 200 • Picture Control: Standard

▍Nikon DX-format CMOS sensor
▍with 24.2 effective megapixels:
Designed without an optical low-pass filter, it captures fabulous high-definition images delivered by high-performance lenses.

▍EXPEED 4 image-processing engine:
Provides excellent color reproduction even when shooting in low-light situations, as well as noise reduction at high ISO sensitivities.

▍Wide ISO sensitivity range from ISO 100 to 12800:
Supports a broad range of standard sensitivities, as well as additional expansion up to the equivalent of ISO 25600 (Hi 1), ensuring sharp images even for dark scenes.

▍5-fps high-speed continuous shooting:
High-speed processing with the latest EXPEED 4 image-processing engine enables faster continuous shooting at approx. 5 fps for up to 100 shots.

▍Compact and lightweight system:
Employment of a new material made of carbon fiber and a monocoque structure makes the camera extremely portable while maintaining durability.

• D-Movie supports Full HD videos at 60p:
Enables smooth, sharp movies at 60p, taking advantage of the beautiful background blur and superior NIKKOR performance.

• Lens: AF-S DX NIKKOR 18-140mm f/3.5-5.6G ED VR • Exposure: [Super vivid] Scene mode, 1/25 second, f/3.8 • White balance: Auto • Sensitivity: ISO 400 • Picture Control: Vivid

• Lens: AF-S DX NIKKOR 35mm f/1.8G • Exposure: [M] mode, 1/200 second, f/2.2 • White balance: Incandescent • Sensitivity: ISO 1600 • Picture Control: Standard

• Enhanced Guide Mode for step-by-step assistance:
Even novices can easily control the camera to achieve the pictures they want, all the while learning about digital SLR photography.

• 13 easy-to-use Special Effects:
Effects can be selected and applied with recording of both still images and movies, and the results can be confirmed on the LCD monitor in real time.

• 20 retouch menu options:
Allow you to enhance or add a creative touch to pictures after shooting.

• 11-point AF system:
Features a variety of AF-area modes for precise autofocus and razor-sharp images.

• Approx. 0.85x high-magnification viewfinder:
The viewfinder offers a frame coverage of approx. 95%, enabling framing of images as intended with intuitive display of information and visual elements.

• Approx. 921k-dot, 7.5-cm (3-in.) LCD monitor:
Approx. 100% frame coverage and 170-degree viewing angle ensure confident image review and movie playback.

• WU-1a Wireless Mobile Adapter (optional):
Enables transmission of images to a smart device and remote shutter release from a smart device.

Supplied accessories
EN-EL14a Rechargeable Li-ion Battery, MH-24 Battery Charger, DK-25 Rubber Eyecup, UC-E17 USB Cable, EG-CP14 Audio Video Cable, AN-DC3 Camera Strap, BF-1B Body Cap, ViewNX 2 CD-ROM

• Lens: AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR II • Exposure: [P] mode, 1/160 second, f/6.3 • White balance: Auto • Sensitivity: ISO 200 • Picture Control: Standard

• Lens: AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR II • Exposure: [P] mode, 1/160 second, f/6.3 • White balance: Auto • Sensitivity: ISO 400 • Picture Control: Portrait

D3200

A colorful life deserves clearer memories

The D3200 incorporates a Nikon DX-format CMOS sensor with 24.2 effective megapixels and the image-processing engine EXPEED 3 — the same as that used for the Nikon FX-format flagship model D4. As well as providing increased pixel count and superior image quality, both of which are at the highest level among entry-class models, Guide Mode that supports high-quality picture-taking with simple operation has been further refined and strengthened. The D3200 allows anybody to shoot beautiful images easily and casually, and is the most suitable model for beginners who are seeking outstanding image quality.

Black   Red

* Color availability may vary according to region

• Lens: AF-S DX Micro NIKKOR 40mm f/2.8G • Exposure: [A] mode, 1/200 second, f/5.6 • White balance: Auto • Sensitivity: ISO 100 • Picture Control: Portrait

• Lens: AF-S DX NIKKOR 55-300mm f/4.5-5.6G ED VR • Exposure: [S] mode, 1/1,600 second, f/9
• White balance: Cloudy • Sensitivity: ISO 400 • Picture Control: Standard

• Lens: AF-S DX Micro NIKKOR 40mm f/2.8G • Scene Auto Selector: [Close-up],
1/60 second, f/8 • White balance: Auto • Sensitivity: Auto (ISO 400)
• Picture Control: Standard

▌ Nikon DX-format CMOS image sensor with 24.2 effective megapixels:
Provides high-resolution images with high pixel count and rich tonal gradation that reproduces human skin tone or gradation of the sky smoothly.
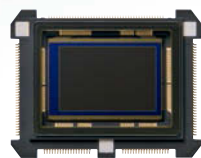
▌ Image-processing engine "EXPEED 3", same as that used for the Nikon FX-format flagship model D4:
Nikon's original comprehensive image-processing engine EXPEED is optimized for D-SLRs to realize superior high-speed image processing performance.

▌ Wide ISO sensitivity range up to ISO 6400 equivalent:
ISO sensitivity range at normal setting is from 100 to 6400 and can be set to Hi 1 (ISO 12800 equivalent).

▌ Scene Recognition System:
Highly accurate auto control is realized by the 420-pixel RGB sensor. Human faces can be detected with the Face Detection System.

▌ Compact and lightweight body with superior holding:
While aiming at better holding and operability, refined layout of controls is achieved to ensure easy shooting of beautiful images.

▌ Further enhanced Guide Mode:
Assist image can be viewed in Easy operation and Advanced operation modes and description of the selected item is displayed.

• Scene Auto Selector:
During live view shooting, the camera automatically selects the optimal scene mode according to the scene or subject.

• Six types of Scene Modes:
By rotating the mode dial to the relevant mode for your scene, the camera automatically chooses the most appropriate settings to achieve excellent results.

• 11-point AF system:
Detects a subject quickly and accurately to achieve high-precision focusing.

• Picture Control System:
Customizes colors and tones of your movies and images to your preferences before shooting.

• Active D-Lighting with enhanced picture quality:
Maintains moderate contrast, and reproduces brightness as you see it in both bright and dark conditions.

• Full HD movie recording function, D-Movie:
Offers high-definition Full HD movie at 1080p, utilizing the high pixel count of 24.2 effective megapixels.

• Smart device supported:
Collaboration with a smart device (Android OS) is possible for image transmission and remote shooting (attach an optional WU-1a Wireless Mobile Adapter to the camera).

• A variety of image-editing functions:
Allows you to retouch images with simple operation according to your preferences and add creativity.

• Nikon Integrated Dust Reduction System:
Double countermeasures, Image Sensor Cleaning function and Airflow Control System deliver beautiful images.

• Supplied software ViewNX 2:
Enables importing, browsing, basic image editing of stills and movies, and collaboration with my Picturetown easily.

• HDMI output supported:
Lets you play back still images and movies with High-Definition TV.

Supplied accessories
EN-EL14 Rechargeable Li-ion Battery, MH-24 Battery Charger, DK-5 Eyepiece Cap, DK-20 Rubber Eyecup, UC-E17 USB Cable, EG-CP14 Audio Video Cable, AN-DC3 Camera Strap, BF-1B Body Cap, BS-1 Accessory Shoe Cover, ViewNX 2 CD-ROM
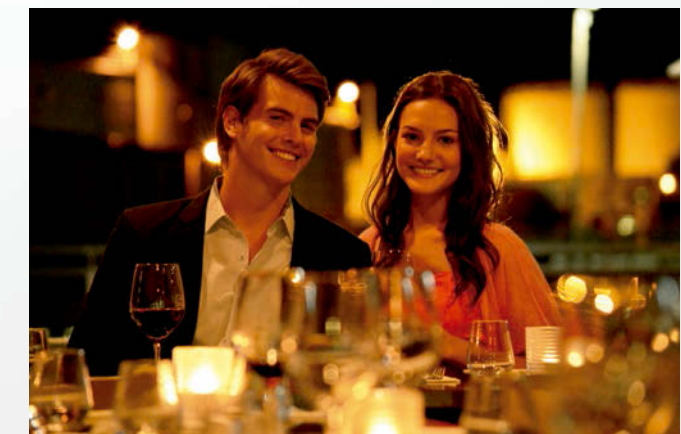
• Lens: Lens: AF-S DX NIKKOR 55-300mm f/4.5-5.6G ED VR • Exposure: [A] mode, 1/15 second, f/5
• White balance:Direct Sunlight • Sensitivity: ISO 3200 • Picture Control: Neutral

Interchangeable NIKKOR Lenses

As the brand name for Nikon lenses, NIKKOR has become synonymous with high-performance, high-quality SLR lenses. The current lineup of more than 60 NIKKOR lenses for Nikon SLR cameras offers a rich variety of lenses, including fisheye lenses, ultra-wide-angle to super-telephoto lenses, micro lenses and PC-E lenses.
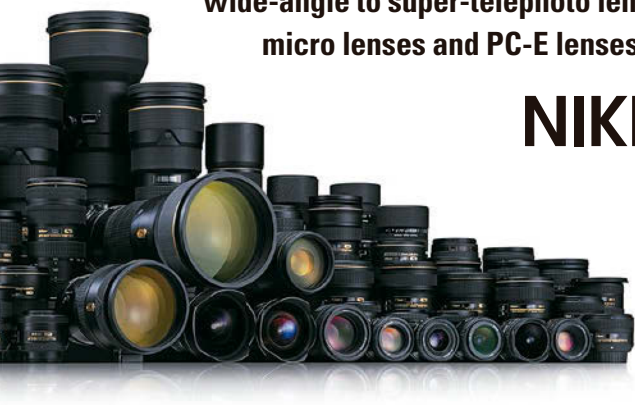
NIKKOR

AF-S NIKKOR 20 mm f/1.8G ED
Compact and lightweight, ultra-wide-angle lens designed with the latest optical technology

AF-S NIKKOR 35mm f/1.8G ED
Compact and light, fast wide-angle lens for superb point-image reproduction

AF-S DX NIKKOR 35mm f/1.8G
Nikon's first DX-format single-focal-length lens © Cliff Mautner

AF-S NIKKOR 58mm f/1.4G
Impressive scene description achieved with high resolution and natural bokeh

AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR II
Compact 3x zoom DX-NIKKOR lens with retractable lens mechanism and VR system

AF-S DX NIKKOR 18-300mm f/3.5-6.3G ED VR
DX-format, ultra-high-power 16.7x zoom lens with ED glass and VR system © Fraser Harding

AF-S NIKKOR 28-300mm f/3.5-5.6G ED VR
Versatile, ultra-high-power 10.7x zoom lens with VR system © Bob Krist

AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR
5x telephoto zoom lens with Super ED glass and Nano Crystal Coat © Edwin Giesbers

The Nikon Creative Lighting System

Nikon's lineup of dedicated Creative Lighting System-compatible Speedlights has something to satisfy every photographer, from beginners to professionals. When shooting with a Nikon Speedlight, you'll be able to create brilliant flash pictures by taking advantage of advanced flash techniques.

Speedlight SB-910
Nikon's top-of-the-line Speedlight supports any photographer's creative lighting imagination

Speedlight SB-700
This high-performance, versatile Speedlight brings simplicity to on-camera, remote, and multiple flash photography

Speedlight SB-500
Compact and versatile Speedlight with LED light that achieves flexible image expression.

Speedlight SB-300
Compact and lightweight Speedlight with bounce flash capability.

Close-up Speedlight Kit R1C1/R1
The ultimate Speedlight system for creative, wireless close-up photography
R1C1: Close-up Speedlight Commander Kit (SU-800, two SB-R200s and all the accessories)
R1: Close-up Speedlight Remote Kit (Two SB-R200s and all the accessories)

Wireless Remote Speedlight SB-R200
Also available as a separate unit

Wireless Speedlight Commander SU-800
Also available as a separate unit

Using two SB-500 Speedlights wirelessly to create a dynamic three-dimensional effect.
© Ray Demski

Digital SLR Comparison Chart

	D4S	Df	D810	D750	D610	D7100	D5300	D5200	D3300	D3200
Effective pixels	16.2 million	16.2 million	36.3 million	24.3 million	24.3 million	24.1 million	24.2 million	24.1 million	24.2 million	24.2 millioin
Image sensor	36.0 × 23.9 mm CMOS sensor (Nikon FX format)	36.0 × 23.9 mm CMOS sensor (Nikon FX format)	35.9 × 24.0 mm CMOS sensor (Nikon FX format)	35.9 × 24.0 mm CMOS sensor (Nikon FX format)	35.9 × 24.0 mm CMOS sensor (Nikon FX format)	23.5 × 15.6 mm CMOS sensor (Nikon DX format)	23.5 × 15.6 mm CMOS sensor (Nikon DX format)	23.5 × 15.6 mm CMOS sensor (Nikon DX format)	23.5 × 15.6 mm CMOS sensor (Nikon DX format)	23.2 × 15.4 mm CMOS sensor (Nikon DX format)
Image size (pixels)	• FX format (36 × 24): 4,928 × 3,280 [L], 3,696 × 2,456 [M], 2,464 × 1,640 [S] • 1.2x (30 × 20): 4,096 × 2,720 [L], 3,072 × 2,040 [M], 2,048 × 1,360 [S] • DX format (24 × 16): 3,200 × 2,128 [L], 2,400 × 1,592 [M], 1,600 × 1,064 [S] • 5:4 (30 × 24): 4,096 × 3,280 [L], 3,072 × 2,456 [M], 2,048 × 1,640 [S]	• FX format (36 × 24): 4,928 × 3,280 [L], 3,696 × 2,456 [M], 2,464 × 1,640 [S] • DX format (24 × 16): 3,200 × 2,128 [L], 2,400 × 1,592 [M], 1,600 × 1,064 [S]	•FX format (36 × 24): 6,016 × 4,016 [L], 4,512 × 3,008 [M], 3,008 × 2,008 [S] •1.2× (30×20) image area: 5,008 × 3,336 [L], 3,752 × ,2504 [M], 2,504 × 1,664 [S] • DX (24×16) image area: 3,936 × 2,624 [L], 2,944 × 1,968 [M], 1,968 × 1,312 [S] • FX-format photographs taken in movie live view: 6,016 × 3,376 [L], 4,512 × 2,528 [M], 3,008 × 1,688 [S] • DX-format photographs taken in movie live view: 3,936 × 2,224 [L], 2,944 × 1,664 [M], 1,968 × 1,112 [S]	• FX format (36 × 24): 6,016 × 4,016 [L], 4,512 x 3,008 [M], 3,008 × 2,008 [S] • DX format (24 × 16): 3,936 × 2,624 [L], 2,944 × 1,968 [M], 1,968 × 1,312 [S] • FX-format photographs taken in movie live view: 6,016 × 3,376 [L], 4,512 × 2,528 [M], 3,008 × 1,688 [S] • DX-format photographs taken in movie live view: 3,936 × 2,224 [L], 2,944 × 1,664 [M], 1,968 × 1,112 [S]	• DX format (24 × 16): 6,000 × 4,000 [L], 4,496 × 3,000 [M], 2,992 × 2,000 [S] • 1.3x (18 × 12): 4,800 × 3,200 [L], 3,600 × 2,400 [M], 2,400 × 1600 [S] • Photographs with image area of DX (24 × 16) taken in movie live view: 6,000 × 3,368 [L], 4,496 × 2,528 [M], 2,992 × 1680 [S] • Photographs with image area of 1.3x (18 × 12) taken in movie live view: 4,800 × 2,696 [L], 3,600 × 2,024 [M], 2,400 × 1344 [S]	6,000×4,000 [L], 4,496×3,000 [M], 2,992 ×2,000 [S]	6,000 × 4,000 [L], 4,496 × 3,000 [M], 2,992 × 2,000 [S]	• Easy panorama mode: Normal (horizontal pan) 4,800 × 1,080; normal (vertical pan) 1,632 × 4,800; wide (horizontal pan) 9,600 × 1,080; wide (vertical pan) 1,632 × 9,600 • Other modes: 6,000 × 4,000 [L]; 4,496 × 3,000 [M]; 2,992 × 2,000 [S]	6,016 × 4,000 [L], 4,512 × 3,000 [M], 3,008 × 2,000 [S]
File format	• NEF (RAW): 12 or 14 bit, lossless compressed, compressed or uncompressed; small size available (12-bit uncompressed only) • TIFF (RGB) • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression (Size priority); Optimal quality compression available • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 12 or 14 bit, lossless compressed, compressed, or uncompressed • TIFF (RGB) • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8), or basic (approx. 1:16) compression (Size priority); optimal quality compression available • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 12 or 14 bit, lossless compressed, compressed or uncompressed • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8), or basic (approx. 1:16) compression (Size priority); optimal quality compression available • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 12 or 14 bit, lossless compressed or compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression (Size priority); Optimal quality compression available • NEF (RAW)+JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 12 or 14 bit, lossless compressed or compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression (Size priority); Optimal quality compression available • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 12 or 14 bit, lossless compressed or compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 12 or 14 bit, compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 14 bit, compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 12 bit, compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats	• NEF (RAW): 12 bit, compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats
Storage media	XQD and Type I CompactFlash memory cards (UDMA compliant)	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards; Type I CompactFlash memory cards (UDMA compliant)	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards
Viewfinder	Eye-level pentaprism single-lens reflex viewfinder	Eye-level pentaprism single-lens reflex viewfinder	Eye-level pentaprism single-lens reflex viewfinder	Eye-level pentaprism single-lens reflex viewfinder	Eye-level pentaprism single-lens reflex viewfinder	Eye-level pentaprism single-lens reflex viewfinder	Eye-level pentamirror single-lens reflex viewfinder	Eye-level pentamirror single-lens reflex viewfinder	Eye-level pentamirror single-lens reflex viewfinder	Eye-level pentamirror single-lens reflex viewfinder
Frame coverage	• FX (36×24): Approx. 100% horizontal and 100% vertical • 1.2x (30×20): Approx. 97% horizontal and 97% vertical • DX (24×16): Approx. 97% horizontal and 97% vertical • 5:4 (30×24): Approx. 97% horizontal and 100% vertical	• FX (36 × 24): Approx. 100% horizontal and 100% vertical • DX (24 × 16): Approx. 97% horizontal and 97% vertical	• FX (36×24): Approx. 100% horizontal and 100% vertical • 1.2x (30×20): Approx. 97% horizontal and 97% vertical • DX (24 × 16): Approx. 97% horizontal and 97% vertical • 5:4 (30×24): Approx. 97% horizontal and 100% vertical	• FX (36 × 24): Approx. 100% horizontal and 100% vertical • 1.2x (30×20): Approx. 97% horizontal and 97% vertical • DX (24×16): Approx. 97% horizontal and 97% vertical	• FX (36 × 24): Approx. 100% horizontal and 100% vertical • DX (24 × 16): Approx. 97% horizontal and 97% vertical	Approx. 100% horizontal and 100% vertical	Approx. 95% horizontal and 95% vertical	Approx. 95% horizontal and 95% vertical	Approx. 95% horizontal and 95% vertical	Approx. 95% horizontal and 95% vertical
Magnification	Approx. 0.7x (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.7x (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.7x (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.7x (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.7× (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.94x (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.82x (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.78x (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.85x (50mm f/1.4 lens at infinity, -1.0 m⁻¹)	Approx. 0.8x (50 mm f/1.4 lens at infinity, -1.0 m⁻¹)
Shutter speed	1/8,000 to 30 s in steps of 1/3, 1/2 or 1 EV, bulb, time, X250	1/4,000 to 4 s in steps of 1 EV (1/4,000 s to 30 s in steps of 1/3 EV with main command dial), X200	1/8,000 to 30 s in steps of 1/3, 1/2 or 1 EV, bulb, time, X250	1/4000 to 30 s in steps of 1/3 or 1/2 EV, bulb, time, X250	1/4,000 to 30 s in steps of 1/3 or 1/2 EV, bulb, time (requires optional ML-L3 Remote Control), X200	1/8,000 to 30 s in steps of 1/3 or 1/2 EV, bulb, time, X250	1/4,000 to 30 s in steps of 1/3 or 1/2 EV, bulb, time	1/4,000 to 30 s in steps of 1/3 or 1/2 EV, Bulb, Time (requires optional ML-L3 Remote Control)	1/4,000 to 30 s in steps of 1/3 EV, Bulb, Time	1/4,000 to 30 s in steps of 1/3 EV, Bulb, Time (requires optional ML-L3 Remote Control)
Flash sync speed	X=1/250 s; synchronizes with shutter at 1/250 s or slower	X=1/200 s; synchronizes with shutter at 1/250 s or slower	X=1/250 s; synchronizes with shutter at 1/320 s or slower (flash range drops at speeds between 1/250 and 1/320 s)	X=1/200 s; synchronizes with shutter at 1/250 s or slower (flash range drops at speeds between 1/200 and 1/250 s)	X=1/200 s; synchronizes with shutter at 1/250 s or slower (flash range drops at speeds between 1/200 and 1/250 s)	X=1/250 s; synchronizes with shutter at 1/320 s or slower (flash range drops at speeds between 1/250 and 1/320 s)	X=1/200 s; synchronizes with shutter at 1/200 s or slower	X=1/200 s; synchronizes with shutter at 1/200 s or slower	X=1/200 s; synchronizes with shutter at 1/200 s or slower	X=1/200 s; synchronizes with shutter at 1/200 s or slower
Release mode	Single frame, continuous low speed, continuous high speed, quiet shutter-release, self-timer, mirror up	Single frame, continuous low speed, continuous high speed, quiet shutter-release, self-timer, mirror up	Single frame, continuous low speed, continuous high speed, quiet shutter-release, quiet continuous shutter-release, self-timer, mirror up	Single frame, continuous low speed, continuous high speed, quiet shutter-release, quiet contInuous shutter-release, self-timer, mirror up	Single frame, continuous low speed, continuous high speed, quiet shutter release, self-timer, remote control, mirror up	Single frame, continuous low speed, continuous high speed, quiet shutter release, self-timer, mirror up; interval timer photography supported	Single frame, continuous low speed, continuous high speed, quiet shutter release, self-timer, delayed remote; ML-L3, quick-response remote; ML-L3, interval timer photography supported	Single-frame, continuous low speed, continuous high speed, self-timer, delayed remote, quick-response remote, quiet shutter release; interval timer photography supported	Single frame, continuous, quiet shutter release, self-timer, delayed remote; ML-L3, quick-response remote; ML-L3	Single-frame, continuous, self-timer, delayed remote, quick-response remote, quiet shutter release
Frame advance rate	Up to 10 fps (CL) or 10 to 11 fps (CH)	1 to 5 fps (CL) or 5.5 fps (CH)	With EN-EL15 batteries (FX/5:4) CL: Approx. 1 to 5 fps, CH: Approx. 5 fps, QC: Approx. 3 fps (DX/1.2x) CL: Approx. 1 to 6 fps, CH: Approx. 6 fps, QC: Approx. 3 fps	1 to 6 fps (CL) or 6.5 fps (CH) or 3 fps (QC)	Approx. 1 to 5 fps (CL), approx. 6 fps (CH) or 3 fps (QC)	• JPEG and 12-bit NEF (RAW) images recorded with DX (24 x 16) selected for image area: CL 1 to 6 fps, CH 6 fps • JPEG and 12-bit NEF (RAW) images recorded with 1.3x (18 x 12) selected for image area: CL 1 to 6 fps, CH 7 fps • 14-bit NEF (RAW) images recorded with DX (24 x 16) selected for image area: CL 1 to 5 fps, CH 5 fps • 14-bit NEF (RAW) images recorded with 1.3x (18 x 12) selected for image area: CL 1 to 6 fps, CH 6 fps	• Up to 3 fps • Up to 5 fps (JPEG and 12-bit NEF/RAW) or 4 fps (14-bit NEF/RAW) Note: Frame rates assume continuous-servo AF, manual or shutter priority auto exposure, a shutter speed of 1/250 s or faster, Release selected for Custom Setting a1 (AF-C priority selection), and other settings at default values	Continuous high speed: 5 fps, continuous low speed: up to 3 fps	Up to 5 fps	Up to 4 fps
Exposure metering	TTL exposure metering using 91K-pixel RGB sensor	TTL exposure metering using 2,016-pixel RGB sensor	TTL exposure metering using 91K-pixel RGB sensor	TTL exposure metering using 91K-pixel RGB sensor	TTL exposure metering using 2,016-pixel RGB sensor	TTL exposure metering using 2,016-pixel RGB sensor	TTL exposure metering using 2,016-pixel RGB sensor	TTL exposure metering using 2,016-pixel RGB sensor	TTL exposure metering using 420-pixel RGB sensor	TTL exposure metering using 420-pixel RGB sensor
Exposure mode	Programmed auto with flexible program (P), shutter-priority auto (S), aperture-priority auto (A), manual (M)	Programmed auto with flexible program (P); shutter-priority auto (S); aperture-priority auto (A); manual (M)	Programmed auto with flexible program (P); shutter-priority auto (S); aperture-priority auto (A); manual (M)	Auto (auto; auto [flash off]); 16 scene modes; 7 special effects modes; programmed auto with flexible program (P), shutter-priority auto (S), aperture-priority auto (A), manual (M), U1 (user settings 1), U2 (user settings 2)	Auto (auto; auto [flash off]); 19 scene modes; programmed auto with flexible program (P), shutter-priority auto (S), aperture-priority auto (A), manual (M), U1 (user settings 1), U2 (user settings 2)	Auto (auto, auto [flash off]); programmed auto with flexible program (P); shutter-priority auto (S); aperture-priority auto (A); manual (M); 16 scene modes; U1 (user settings 1), U2 (user settings 2)	Auto modes (auto; auto [flash off]); programmed auto with flexible program (P); shutter-priority auto (S); aperture-priority auto (A); manual (M); 16 scene modes; 9 special effects modes	Auto modes (auto; auto [flash off]); programmed auto with flexible program (P); shutter-priority auto (S), aperture-priority auto (A), manual (M), 16 scene modes; 7 special effects modes	Auto modes (auto, auto [flash off]); programmed auto with flexible program (P), shutter-priority auto (S), aperture-priority auto (A), manual (M); 6 scene modes; 13 special effects modes	Auto modes (auto, auto [flash off]); 6 scene modes; programmed auto with flexible program (P), shutter-priority auto (S), aperture-priority auto (A), manual (M)

Digital SLR Comparison Chart

	D4S	Df	D810	D750	D610	D7100	D5300	D5200	D3300	D3200
ISO sensitivity	ISO 100 to 25600 in steps of 1/3, 1/2 or 1 EV; can also be set to approx. 0.3, 0.5, 0.7 or 1 EV (ISO 50 equivalent) below ISO 100 or to approx. 0.3, 0.5, 0.7, 1, 2, 3 or 4 EV (ISO 409600 equivalent) above ISO 25600; auto ISO sensitivity control available	ISO 100 to 12800 in steps of 1/3 EV; can also be set to approx. 0.3, 0.7, or 1 EV (ISO 50 equivalent) below ISO 100 or to approx. 0.3, 0.7, 1, 2, 3, or 4 EV (ISO 204800 equivalent) above ISO 12800; auto ISO sensitivity control available	ISO 64 to 12800 in steps of 1/3, 1/2 or 1 EV; can also be set to approx. 0.3, 0.5, 0.7 or 1 EV (ISO 32 equivalent) below ISO 64 or to approx. 0.3, 0.5, 0.7, 1 or 2 EV (ISO 51200 equivalent) above ISO 12800; auto ISO sensitivity control available	ISO 100 to 12800 in steps of 1/3 or 1/2 EV; can also be set to approx. 0.3, 0.5, 0.7 or 1 EV (ISO 50 equivalent) below ISO 100 or to approx. 0.3, 0.5, 0.7, 1 or 2 EV (ISO 51200 equivalent) above ISO 12800; auto ISO sensitivity control available	ISO 100 to 6400 in steps of 1/3 or 1/2 EV; can also be set to approx. 0.3, 0.5, 0.7 or 1 EV (ISO 50 equivalent) below ISO 100 or to approx. 0.3, 0.5, 0.7, 1 or 2 EV (ISO 25600 equivalent) above ISO 6400; auto ISO sensitivity control available	ISO 100 to 6400 in steps of 1/3 EV; can also be set to approx. 0.3, 0.5, 0.7, 1 or 2 EV (ISO 25600 equivalent) above ISO 6400; auto ISO sensitivity control available	ISO 100 to 12800 in steps of 1/3 EV; can also be set to approx. 0.3, 0.7, or 1 EV (ISO 25600 equivalent) above ISO 12800; auto ISO sensitivity control available	ISO 100 to 6400 in steps of 1/3 EV; can also be set to approx. 0.3, 0.7, 1 or 2 EV (ISO 25600 equivalent) above ISO 6400; auto ISO sensitivity control available	ISO 100 to 12800 in steps of 1 EV; can also be set to approx. 1 EV (ISO 25600 equivalent) above ISO 12800; auto ISO sensitivity control available	ISO 100 to 6400 in steps of 1 EV; can also be set to approx. 1 EV above ISO 6400 (ISO 12800 equivalent); auto ISO sensitivity control available
Autofocus	Nikon Advanced Multi-CAM 3500FX autofocus sensor module with TTL phase detection, fine-tuning, 51 focus points (including 15 cross-type sensors; f/8 supported by 11 sensors)	Nikon Multi-CAM 4800 autofocus sensor module with TTL phase detection, fine-tuning, and 39 focus points (including 9 cross-type sensors; the center 33 points are available at apertures slower than f/5.6 and faster than f/8, while the center 7 focus points are available at f/8)	Nikon Advanced Multi-CAM 3500FX autofocus sensor module with TTL phase detection, fine-tuning, 51 focus points (including 15 cross-type sensors; f/8 supported by 11 sensors), and AF-assist illuminator (range approx. 0.5 to 3 m/1 ft 8 in. to 9 ft 10 in.)	Nikon Advanced Multi-CAM 3500 II autofocus sensor module with TTL phase detection, fine-tuning, 51 focus points (including 15 cross-type sensors; f/8 supported by 11 sensors), and AF-assist illuminator (range approx. 0.5 to 3 m/1 ft 8 in. to 9 ft 10 in.)	Nikon Multi-CAM 4800 autofocus sensor module with TTL phase detection, fine-tuning, 39 focus points (including 9 cross-type sensors; the center 33 points are available at apertures slower than f/5.6 and faster than f/8, while the center 7 points are available at f/8), and AF-assist illuminator (range approx. 0.5 to 3 m/1 ft 8 in. to 9 ft 10 in.)	Nikon Advanced Multi-CAM 3500DX autofocus sensor module with TTL phase detection, fine-tuning, 51 focus points (including 15 cross-type sensors; the center point is available at apertures slower than f/5.6 and faster than f/8, while the center 7 points are available at f/8, and AF-assist illuminator (range approx. 0.5 to 3 m/1 ft 8 in. to 9 ft 10 in.)	Nikon Multi-CAM 4800DX autofocus sensor module with TTL phase detection, 39 focus points (including 9 cross-type sensors), and AF-assist illuminator	Nikon Multi-CAM 4800DX autofocus sensor module with TTL phase detection, 39 focus points (including 9 cross-type sensors), and AF-assist illuminator	Nikon Multi-CAM 1000 autofocus sensor module with TTL phase detection, 11 focus points (including one cross-type sensor) and AF-assist illuminator	Nikon Multi-CAM 1000 autofocus sensor module with TTL phase detection, 11 focus points (including one cross-type sensor), and AF-assist illuminator
Lens servo	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); predictive focus tracking automatically activated according to subject status • Manual focus (M); Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); predictive focus tracking activated automatically according to subject status • Manual focus (M): Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); predictive focus tracking automatically activated according to subject status • Manual focus (M): Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive focus tracking activated automatically according to subject status • Manual focus (M): Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive focus tracking activated automatically according to subject status • Manual focus (M): Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive focus tracking activated automatically according to subject status • Manual focus (M): Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive focus tracking activated automatically according to subject status • Manual focus (MF): Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive focus tracking activated automatically according to subject status • Manual focus (M): Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive focus tracking activated automatically according to subject status • Manual focus (MF): Electronic rangefinder can be used	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive focus tracking activated automatically according to subject status • Manual focus (MF): Electronic rangefinder can be used
Focus point	Can be selected from 51 or 11 focus points	Can be selected from 39 or 11 focus points	Can be selected from 51 or 11 focus points	Can be selected from 51 or 11 focus points	Can be selected from 39 or 11 focus points	Can be selected from 51 focus points	Can be selected from 39 or 11 focus points	Can be selected from 39 or 11 focus points	Can be selected from 11 focus points	Can be selected from 11 focus points
AF-area mode	Single-point AF, 9-, 21- or 51-point dynamic-area AF; 3D-tracking, group-area AF, auto-area AF	Single-point AF, 9-, 21- or 39-point dynamic-area AF, 3D-tracking, auto-area AF	Single-point AF, 9-, 21- or 51-point dynamic-area AF, 3D-tracking, group-area AF, auto-area AF	Single-point AF; 9-, 21- or 51-point dynamic-area AF, 3D-tracking, group-area AF, auto-area AF	Single-point AF, 9-, 21- or 39-point dynamic-area AF, 3D-tracking, auto-area AF	Single-point AF, 9-, 21- or 51-point dynamic-area AF; 3D-tracking, auto-area AF	Single-point AF, 9-, 21- or 39-point dynamic-area AF, 3D-tracking, auto-area AF	Single-point AF, 9-, 21- or 39-point dynamic-area AF, 3D-tracking, auto-area AF	Single-point AF, dynamic-area AF, auto-area AF, 3D-tracking (11 points)	Single-point AF, dynamic-area AF, auto-area AF, 3D-tracking (11 points)
Built-in flash	—	—	Guide number: Approx. 12/39, 12/39 with manual flash (m, ISO 100, 20°C)	Guide number: Approx. 12/39, 12/39 with manual flash (m, ISO 100, 20°C)	Guide number: Approx. 12/39, 12/39 with manual flash (m, ISO 100, 20°C)	Guide number: Approx. 12, 12 with manual flash (m, ISO 100, 20°C)	Guide number: Approx. 12/39, 13/43 with manual flash (m, ISO 100, 20°C)	Guide number: Approx. 12, 13 with manual flash (m, ISO 100, 20°C)	Guide number: Approx. 12, 12 with manual flash (m, ISO 100, 20°C)	Guide number: Approx. 12, 13 with manual flash (m, ISO 100, 20°C)
Flash mode	Front-curtain sync, slow sync, rear-curtain sync, red-eye reduction, red-eye reduction with slow sync, slow rear-curtain sync, off; auto FP high-speed sync supported	Front-curtain sync, slow sync, rear-curtain sync, red-eye reduction, red-eye reduction with slow sync, slow rear-curtain sync, auto FP high-speed sync supported	Front-curtain sync, slow sync, rear-curtain sync, red-eye reduction, red-eye reduction with slow sync, slow rear-curtain sync, off; auto FP high-speed sync supported	Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain with slow sync, rear-curtain sync, off; auto FP high-speed sync supported	Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain with slow sync, rear-curtain sync, off; auto FP high-speed sync supported	Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain with slow sync, rear-curtain sync, off; auto FP high-speed sync supported	Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain with slow sync, rear-curtain sync, off	Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain with slow sync, rear-curtain sync, off	Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain with slow sync, rear-curtain sync, off	Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye correction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain with slow sync; rear-curtain sync, off
White balance	Auto (2 types), incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual (up to 6 values can be stored, Spot White Balance measurement available during live view), choose color temperature (2,500 K to 10,000 K); all with fine-tuning	Auto (2 types), incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual (up to 4 values can be stored, spot white balance measurement available during live view), choose color temperature (2,500 K to 10,000 K), all with fine-tuning	Auto (2 types), incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual (up to 6 values can be stored, spot white balance measurement available during live view), choose color temperature (2,500 K to 10,000 K); all with fine-tuning	Auto (2 types), incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual (up to 6 values can be stored, spot white balance measurement available during live view), choose color temperature (2500 K to 10000 K); all with fine-tuning	Auto (2 types), incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual (up to 4 values can be stored), choose color temperature (2,500 K to 10,000 K); all with fine-tuning	Auto (2 types), incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual (up to 6 values can be stored, Spot White Balance measurement available during live view), choose color temperature (2,500 K to 10,000 K); all with fine-tuning	Auto, incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine-tuning	Auto, incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine-tuning	Auto, incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine-tuning	Auto, incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine-tuning
Live view autofocus	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)
Movie frame size (pixels) and frame rate	• 1,920 × 1,080; 60p (progressive), 50p, 30p, 25p, 24p • 1,920 × 1,080 crop; 30p, 25p, 24p • 1,280 × 720; 60p, 50p • 640 × 424; 30p, 25p Actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively; all options support both high and normal image quality	—	• 1,920 x 1,080; 60 p (progressive), 50p, 30p, 25p, 24p • 1,280 × 720; 60p, 50p Actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively; options support both high and normal image quality	• 1920 × 1080; 60p progressive, 50p, 30p, 25p, 24p • 1,280 × 720; 60p, 50p Actual frame rates for 60p, 50p, 30p, 25p and 24p are 59.94, 50, 29.97, 25 and 23.976 fps respectively; options support both high and normal image quality	• 1,920 × 1,080; 30p (progressive), 25p, 24p • 1,280 × 720; 60p, 50p, 30p, 25p Actual frame rates for 60p, 50p, 30p, 25p and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively; all options support both high and normal image quality	• 1,920 × 1,080; 60i (59.94 fields/s)/50i (50 fields/s)* • 1,920 × 1,080; 30p (progressive), 25p, 24p • 1,280 × 720; 60p, 50p Actual frame rates for 60p, 50p, 30p, 25p and 24p are 59.94, 50, 29.97, 25 and 23.976 fps respectively; all options support both high and normal image quality *Available only when 1.3x (18 x 12) is selected for image area; sensor output is about 60 or 50 fps	• 1,920 × 1,080; 60p (progressive)/50p/30p/25p/ 24p, high/normal • 1,280 × 720; 60p/50p, high/normal • 640 × 424; 30p/25p, high/normal Frame rates of 30p (actual frame rate 29.97 fps) and 60p (actual frame rate 59.94 fps) are available when NTSC is selected for video mode; 25p, 50i, and 50p are available when PAL is selected for video mode; 25p and 50p are available when PAL is selected for video mode; actual frame rate when 24p is selected is 23.976 fps	• 1,920 × 1,080, 60i/50i, 30p (progressive)/ 25p/24p • 1,280 × 720, 60p/50p • 640 × 424, 30p/25p, Frame rates of 30p (actual frame rate 29.97 fps) and 60p (actual frame rate 59.94 fps) are available when NTSC is selected for video mode; 25p and 50p are available when PAL is selected for video mode; actual frame rate when 24p is selected is 23.976 fps *Sensor output is about 60 or 50 fps Note: A smaller crop is used for movies with a frame size/frame rate of 1920 x 1080 60i or 50i	• 1,920 × 1,080, 60p (progressive)/50p/ 25P/24P • 1,280 × 720, 60P/50P • 640 × 424, 30P/25P Frame rates of 30p (actual frame rate 29.97 fps) and 60p (actual frame rate 59.94 fps) are available when NTSC is selected for video mode; 25p and 50p are available when PAL is selected for video mode; actual frame rate when 24p is selected is 23.976 fps	• 1,920 × 1,080, 30p (progressive)/ 25P/24P • 1,280 × 720, 60P/50P/50P • 640 × 424, 30P/25P Frame rates of 30p (actual frame rate 29.97 fps) and 60p (actual frame rate 59.94 fps) are available when NTSC is selected for video mode; 25p and 50p are available when PAL is selected for video mode; actual frame rate when 24p is selected is 23.976 fps
Monitor	8-cm (3.2-in.), approx. 921k-dot (VGA) TFT LCD with 170° viewing angle, approx. 100% frame coverage, manual monitor brightness control, and automatic monitor brightness control using ambient brightness sensor	8-cm (3.2-in.), approx. 921k-dot (VGA), low-temperature polysilicon TFT LCD with approx. 170° viewing angle, approx. 100% frame coverage, and brightness control	8-cm (3.2-in.), approx. 1229 k-dot (VGA; 640 × RGBW × 480 = 1,228,800 dots) TFT monitor with 170° viewing angle, approx. 100% frame coverage, and brightness adjustment	8-cm (3.2-in.), approx. 1229 k-dot (VGA; 640 × RGBW × 480 = 1,228,800 dots), low-temperature polysilicon tilting TFT LCD monitor with approx. 170° viewing angle, approx. 100% frame coverage and brightness adjustment	8-cm (3.2-in.), approx. 921k-dot (VGA), low-temperature polysilicon TFT LCD with approx. 170° viewing angle, approx. 100% frame coverage, and automatic monitor brightness control using ambient brightness sensor	8-cm (3.2-in.), approx. 1,229k-dot (VGA; 640 x 480 x 4 = 1,228,800 dots), TFT monitor with approx. 170° viewing angle, approx. 100% frame coverage and brightness adjustment	8.1-cm (3.2-in.) (3:2), approx. 1037k-dot (720 × 480 x 3 = 1,036,800 dots), vari-angle TFT monitor with 170° viewing angle, approx. 100% frame coverage, and brightness adjustment	7.5-cm (3-in.), approx. 921k-dot (VGA), vari-angle TFT LCD with 170° viewing angle, approx. 100% frame coverage, and brightness adjustment	7.5-cm (3-in.), approx. 921k-dot (VGA) TFT LCD with 170° viewing angle, approx. 100% frame coverage, and brightness adjustment	7.5-cm (3-in.), approx. 921k-dot (VGA) TFT LCD with 160° viewing angle, approx. 100% frame coverage, and brightness adjustment
USB	Hi-Speed USB	Hi-Speed USB	SuperSpeed USB (USB 3.0 Micro-B connector); connection to built-in USB port is recommended	Hi-Speed USB; connection to built-in USB port is recommended	Hi-Speed USB	Hi-Speed USB	Hi-Speed USB	Hi-Speed USB	Hi-Speed USB	Hi-Speed USB
HDMI output	Type C HDMI connector	Type C mini-pin HDMI connector	Type C HDMI connector	Type C HDMI connector	Type C mini-pin HDMI connector	Type C mini-pin HDMI connector	Type C mini-pin HDMI connector	Type C mini-pin HDMI connector	Type C mini-pin HDMI connector	Type C mini-pin HDMI connector
Battery	One EN-EL18a Rechargeable Li-ion Battery	One EN-EL14a Rechargeable Li-ion Battery	One EN-EL15 Rechargeable Li-ion Battery	One EN-EL15 Rechargeable Li-ion Battery	One EN-EL15 Rechargeable Li-ion Battery	One EN-EL15 Rechargeable Li-ion Battery	One EN-EL14a Rechargeable Li-ion Battery	One EN-EL14 Rechargeable Li-ion Battery	One EN-EL14a Rechargeable Li-ion Battery	One EN-EL14 Rechargeable Li-ion Battery
Dimensions (W × H × D)	Approx. 160 × 156.5 × 90.5 mm	Approx. 143.5 × 110 × 66.5 mm	Approx. 146 × 123 × 81.5 mm	Approx. 140.5 × 113 × 78 mm	Approx. 141 × 113 × 82 mm	Approx. 135.5 × 106.5 × 76 mm	Approx. 125 × 98 × 76 mm	Approx. 129 × 98 × 78 mm	Approx. 124 × 98 × 75.5 mm	Approx. 125 × 96 × 76.5 mm
Weight	Approx. 1,180 g (camera body only)	Approx. 710 g (camera body only)	Approx. 880 g (camera body only)	Approx. 750 g (camera body only)	Approx. 760 g (camera body only)	Approx. 675 g (camera body only)	Approx. 480 g (camera body only)	Approx. 505 g (camera body only)	Approx. 410 g (camera body only)	Approx. 455 g (camera body only)

I AM AT THE HEART OF THE IMAGE

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. August 2015 ⓒ2015 Nikon Corporation