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Why do you create? Whatever your reasons, do full justice to your creative voice with striking, high-quality images brought by the combination of a full-frame sensor and superb NIKKOR® Z lenses. An ode to every kind of creator, the Z 5 gives you a whole

new range of possibilities from impressive portraits with beautiful bokeh to richly colored landscape shots — all from a portable, tough, easy-to-handle body. City or nature, day or night, wherever inspiration strikes — the world is your playground.

Eye-catching bokeh and remarkable low-light performance.



- · Lens: NIKKOR Z 85mm f/1.8 S
- Exposure: [M] mode, 1/160 second, f/1.8
- · White balance: Auto 1
- Sensitivity: ISO 1000
- · Picture Control: Portrait
- © Shohki Eno

A new level of sharpness and depth — FX-format image sensor and NIKKOR lenses.

Lifelike realism with such fine detail and texture is only achievable with a full-frame sensor and great lenses — like the Z 5's FX-format image sensor and exquisite NIKKOR lenses. This unique combination delivers a whole new level of sharpness anywhere in the frame and also provides naturally beautiful bokeh. You can also attain more faithful color reproduction — making your images more vibrant.

Beautiful pictures even in dark situations — ISO 100-51200.

The Z 5 lets you take photos up to ISO 51200 (expandable up to 102400) that are more realistic in textures, details and colors - all with reduced noise. Stunning videos can be recorded up to ISO

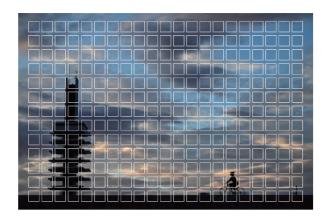
25600. This is made possible by the advanced FX-format image sensor, powerful noise reduction provided by the EXPEED 6 imageprocessing engine, and the innovative Z mount which brings in a large volume of light.





- Lens: NIKKOR Z 24-50mm f/4-6.3 Exposure: [M] mode, 1/10 second, f/4
- White balance: Color temperature (2780K) Sensitivity: ISO 1600 Picture Control: Auto © Shohki Eno

Sharpness achieved in diverse moments.



Fast focusing even on edges — 273-point AF system.

Thanks to the 273-point* AF system, the Z 5 acquires subjects wherever they might be by covering approx. 90% of the frame both horizontally and vertically. It offers AF down to -3 EV*2 — comparable to the darkness of a night with a crescent moon. Touch AF and touch shutter are available during live view, allowing for fast and accurate operation.

*1 In photo mode, FX-format with single-point AF.

*2 In still photography at f/2.0, ISO 100, 20°C/68°F using AF-S.

Instantly grab the gaze of both people and pets — Eye-Detection and Animal-Detection AF.

Nothing is more powerful than a portrait with a sharp focus on the subject's eyes. With the Z 5's Eye-Detection* and Animal-Detection AF*2, the camera automatically detects and tracks the eyes of both human subjects and pets, allowing you to capture impressive portraits without worrying about keeping focus. Furthermore, both of these functions let you select which particular eye to focus on as well. When shooting video, the camera will also continue to recognize their faces.

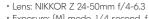
- *1 Available in photo mode when using auto-area AF.
- *2 When using auto-area AF.

Blur-free images for all kinds of scenes — powerful, 5.0-stop in-camera VR.

The Z 5 features a powerful in-camera vibration reduction (VR) that lets you shoot handheld, even in dark situations, with reduced blur. It offers an effect equivalent to a shutter speed 5.0 stops* faster and compensation in five directions — yaw, pitch, roll, X and Y. During Full-HD video recording, the in-camera VR can be combined with electronic VR for even steadier shots. A lock structure of VR unit is also installed to prevent the image sensor from damage caused by shaking while traveling.

* Based on CIPA Standards. This value is achieved when the NIKKOR Z 24-70mm f/4 S is attached, with zoom set at the maximum telephoto position.





[•] Exposure: [M] mode, 1/4 second, f/6.3



• Lens: NIKKOR Z 24-50mm f/4-6.3 • Exposure: [M] mode, 1/200 second, f/6 • White balance: Auto 1 • Sensitivity: ISO 400 • Picture Control: Portrait © Shohki Eno



· Lens: NIKKOR Z 24-200mm f/4-6.3 VR · Exposure: [A] mode, 1/125 second, f/6.3 · White balance: Natural light auto · Sensitivity: ISO 5000 · Picture Control: Standard

[·] White balance: Auto 1

[•] Sensitivity: ISO 160

Picture Control: Vivid

NIKKOR® Z: a clear difference.

If you want to make great images, both quality and type of lens are extremely important. NIKKOR Z lenses deliver high resolution and beautiful bokeh within a compact system — thanks to the Z mount's wide opening and short distance to the image sensor. This invites an abundant amount of light in and enables the lenses to operate efficiently. While the Z 5's kit lenses provide inherently incredible image quality, you can also access the growing range of NIKKOR Z lenses — including the particularly superior S-Line models that will elevate the quality of your work to a whole new level. Continue to expand your creativity by exploring the various expressive options available with the ever-widening variety of NIKKOR Z lenses.





NIKKOR® Z



Lens: NIKKOR Z 24-50mm f/4-6.3 $\,$ © ful.filled

Lens: NIKKOR Z 24-70mm f/4 S © John Wingfield

Lens: NIKKOR Z 24-200mm f/4-6.3 VR $\,$ © Shohki Eno

HERE'S YOUR FIRST FX-FORMAT NIKKOR Z



A lightweight, compact lens with high image quality - NIKKOR Z 24-50mm f/4-6.3.

Weighing approx. 195 g/6.9 oz. in a 51-mm/2.1-in. long body, making it the lightest and shortest full-frame format zoom lens for interchangeable-lens mirrorless cameras*, the NIKKOR Z 24-50mm f/4-6.3 is a great companion for your daily use. The standard 24-50mm zoom range is useful and it's easy to carry around while attached to the Z 5. This convenient combination makes it a breeze to shoot both stills and videos with sharpness and natural bokeh.

S-Line lens delivering superior rendering and resolution - NIKKOR Z 24-70mm f/4 S.

Having cleared especially strict standards in design principles and quality control, this S-Line lens realizes breakthrough image quality. The constant maximum aperture of f/4 throughout the convenient zoom range allows you to zoom in and out without aperture changes, thus helping to expand creative possibilities across diverse scenes and situations.

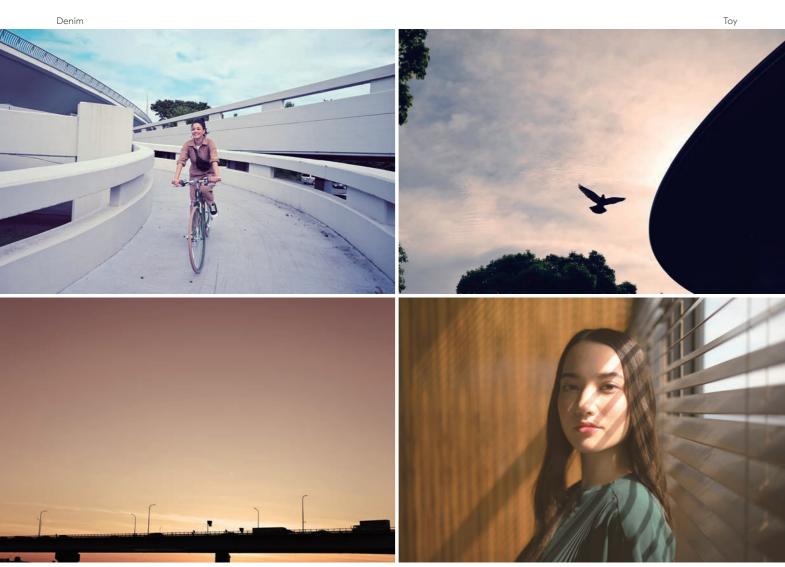
Incredibly high-power zoom lens for diverse scenes — NIKKOR Z 24-200mm f/4-6.3 VR.

This compact and lightweight $8.3\times$ high-power zoom lens can cover truly varied scenes including immersive landscapes, captivating portraits, bringing distant subjects closer and everything in between. The lens offers vibration reduction (VR) with an effect equivalent to a shutter speed 5.0 stops^* faster, allowing for blur-free shooting at all zoom ranges, even when shooting sunsets and nightscapes.

* Based on CIPA Standard. This value is achieved when attached to a FXformat camera with the camera's VR function set to "NORMAL", and when zoom is set to the maximum telephoto position.

^{*} Based on Nikon research as of July 21, 2020.

Fulfill your creativity with unique output.



Creative Picture Controls to boost your creativity.

Find your own style and effectively portray the atmosphere with unique mood-setting filters. The Z 5 includes 20 fine-tuned Creative Picture Controls with customizable effect level adjustments, all of which can be previewed in real time and applied to both photos and videos. Eight more standard presets are also incorporated.

Creative Picture Controls

Dream / Morning / Pop / Sunday / Somber / Dramatic / Silence / Bleached / Melancholic / Pure / Denim / Toy / Sepia / Blue / Red / Pink / Charcoal / Graphite / Binary / Carbon

Picture Control

Auto / Standard / Neutral / Vivid / Monochrome / Portrait / Landscape / Flat





Lens: NIKKOR Z 24-50mm f/4-6.3
 Exposure: [A] mode, 1/1250 second, f/6.3
 White balance: Auto 1
 Sensitivity: ISO 100
 Picture Control: Auto

Add more stories to your images — Multiple exposure.

Try the surreal and expressive multiple exposure photography that can be created easily in-camera. As you can confirm a semi-transparent view of the overlay image being combined, it's easy to frame the next shot, finishing exactly the way you want.



 $\hbox{$^{\bullet}$ Lens: NIKKOR Z 85mm f/1.8 $$^{\bullet}$ Exposure: [M] mode, 1/80 second, f/1.8 $$^{\bullet}$ White balance: Cloudy } \hbox{$^{\bullet}$ Sensitivity: ISO 400 $$^{\bullet}$ Picture Control: Vivid $$^{\circ}$ John Wingfield }$

Capture the stillness of special moments — Silent photography function.

You wouldn't want to make any disturbing sounds when shooting in sensitive situations — like taking a portrait of a sleeping animal or a picture of a pianist at play. Using the electronic shutter, the Z 5's silent photography mode* reduces mechanical blur even during telephoto shooting when even slight camera shake can cause problems.

12

Dream

^{*} Aperture and AF drive sound may occur. If a NIKKOR F lens is paired via a mount adapter, aperture, VR driving, and initial lens driving sounds may occur - for instance when turning on the camera.

Note: Rolling shutter distortion may occur during silent photography.

An instinctive viewing experience to drive your imagination.



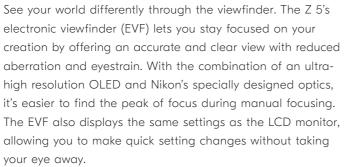


Intuitive and smooth operation tilting touch screen monitor.

The Z 5 comes with a beautiful touch screen that tilts when you want to shoot at high and low angles. Featuring approx. 1040k dots, the large 8-cm/3.2-in. monitor is clear and vibrant. With touchscreen control that lets you pinch to zoom and touch to release the shutter, this multifaceted display is a smooth operator.

Overwhelmingly comfortable and clear view - 3690k-dot Quad VGA electronic viewfinder.

See your world differently through the viewfinder. The Z 5's electronic viewfinder (EVF) lets you stay focused on your creation by offering an accurate and clear view with reduced aberration and eyestrain. With the combination of an ultrahigh resolution OLED and Nikon's specially designed optics, it's easier to find the peak of focus during manual focusing. The EVF also displays the same settings as the LCD monitor, allowing you to make quick setting changes without taking



Preview and adjust everything from within the display -i menu.

The convenient, customizable *i* menu appears right inside the viewfinder and camera monitor, so you can quickly adjust settings just like using shortcut keys without ever losing your concentration. Focus modes, white balance, Picture Controls, and more are now all within eye's reach.



taking your eye away.

Adjust settings and confirm the result as

you shoot within the viewfinder without

Explore further and share the results confidently.





Double UHS-II compatible





Operability as an extension of your creative mind — Nikon's ergonomics.

Nikon cameras are designed to comfortably sit in the palm of your hand and can function as an extension of your creative mind. The Z 5's deep grip design and balanced weight feels great with NIKKOR Z lenses. Carefully placed buttons and dials enable smooth operation with only your right thumb during shooting, while your left hand supports the lens from underneath.

High standard for protection against moisture, dust, and shock — robustness with anti-weather/dust sealing.

The Z 5 lets you achieve worry-free shooting in sudden rain or wind, with a design that provides the same high level of anti-dust and moisture sealing as higher-spec models such as the Z 7 or Z 6. The front and top covers of the Z 5 are forged from light yet robust magnesium alloy, demonstrating an impressive durability.





Continue shooting for longer hours — long battery life and USB power delivery.

The new EN-EL15c Rechargeable Li-ion Battery is designed for longer hours of creative endeavors, allowing you to take approx. 470 frames of still photography and shoot approx. 120 minutes of video recording*¹. Together with the new USB power delivery*² option, you can now supply power from a portable charger*³ while shooting and thus continue recording video or time-lapse movies without concern. Energy-saving mode*⁴ is also available.





Works seamlessly with your smartphone — SnapBridge.

Built-in Wi-Fi® and Bluetooth® make sharing a snap. You can transfer 2-megapixel files to your smart device* automatically as you shoot or manually send RAW and video files. Using your smart device as a remote controller is also available, expanding your shooting opportunities with simple and easy operation.

* SnapBridge is compatible with iPhone®, iPad®, iPod touch® or smart devices running on the Android™ operating system. Available free from Apple App Store® and Google Play™. Please check Nikon's website for further information.

^{*1} Based on CIPA Standards. During the "monitor only" selected for monitor mode. *2 The optional EH-7P Charging AC Adapter can also be used for USB power delivery. When an EN-EL15c/15b battery is in use, USB charging while the camera turned off is also possible using the EH-7P. *3 Anker PowerCore+ 26800 PD 45W is the recommended portable charger. Use a USB cable with two Type-C connectors supplied with the portable charger. For more information about the portable charger, please visit the manufacturer's website: Anker.com/support. *4 This mode is not available during charging and power delivery.

Endless possibilities for all image making.

Beautiful and sharp footage — 4K UHD videos.



The Z 5 lets you take 4K UHD/30p videos*1 with rich detail. Face-Detection and Animal-Detection AF*2 are also available in video. You can even touch to focus on the camera monitor for smooth transitions between subjects while easily adjusting the AF speed

to create a more cinematic feel. The camera enables you to save settings for still shooting and video recording separately, allowing you to instantly switch between the two.

- *1 When using this mode, the frame is cropped approx. ×1.7.
- *2 During video recording, the camera will recognize the animals' faces.







© ful.filled

In-camera automatic time-lapse movies — Interval-timer photography.

Gradual changes of light in landscapes, fast-paced cityscapes, delicious meal in making — create your own dramatic movie sequences through condensed time. The Z 5's interval-timer photography function now offers generation of time-lapse movies in-camera while saving stills. This lets you instantly review the results. You can also use the time-lapse movie function, creating a stunning movie in-camera.

Addition that boost your creativity — wide-ranging accessories.

As your creativity grows, you may want to try your hand at more diverse kinds of image-making tasks. You can add a Nikon Speedlight, such as the compact SB-500, to bring more drama to your images by effectively using shadows and light. And if you want to grab better audio during movie recording, the ME-1 Stereo Microphone is also available. What's more, the Mount Adapter FTZ lets you pair your Z 5

with the legendary lineup of approx. 360 NIKKOR F lenses* from super-wide to telephoto, micro to fisheye. Adding more accessories to your toolkit can give an incredible boost to your creativity for both photo and video applications.







ME-1 Stereo Microphone



Mount Adapter FTZ

^{*} Supported features differ according to each lens.

Nomenclature.





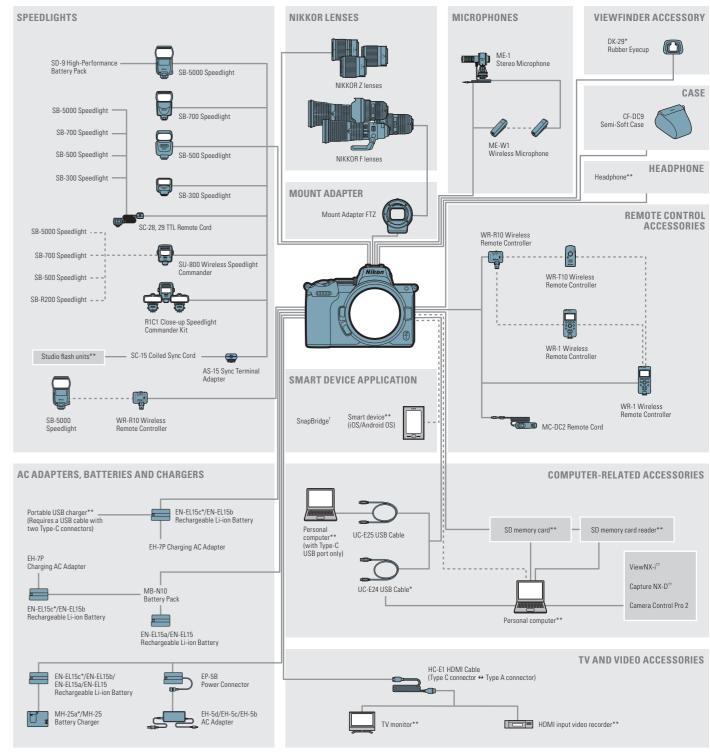


- 1 Shutter-release button
- 2 Power switch
- 3 Lens mount
- 4 Image sensor
- **5** Lens mounting mark
- 6 AF-assist illuminator/ Red-eye reduction lamp/Self-timer lamp
- 7 Lens release button
- 8 Fn2 button
- 9 Fn1 button
- 10 Sub-command dial
- 11 Playback button
- 12 Delete button
- 13 Viewfinder
- **14** Eye sensor
- 15 Rubber eyecup
- 16 Diopter adjustment control
- 17 Display button

- 18 Photo/movie selector
- 19 AF-ON button
- 20 Memory card slot cover
- 21 Sub-selector
- 22 i button
- 23 Memory card access lamp
- 24 Multi selector
- 25 OK button
- 26 Menu button
- 27 Release mode button/Self-timer button
- 28 Playback zoom out button/Thumbnail button/Help button
- 29 Playback zoom in button
- 30 Tripod socket
- 31 Power connector cover
- 32 Battery-chamber cover
- 33 Battery-chamber cover latch
- **34** Monitor

- 35 Eyelet for camera strap
- 36 Focal plane mark
- 37 Stereo microphone
- 38 Mode dial
- 39 Movie-record button
- 40 ISO button
- 41 Exposure compensation button
- 42 Main command dial
- 43 Speaker
- 44 Accessory shoe (for optional flash unit)
- 45 Monitor mode button
- 46 Charge lamp
- 47 Headphone connector
- 48 USB connector
- 49 HDMI connector
- 50 Connector for external microphone
- **51** Accessory terminal

System chart.



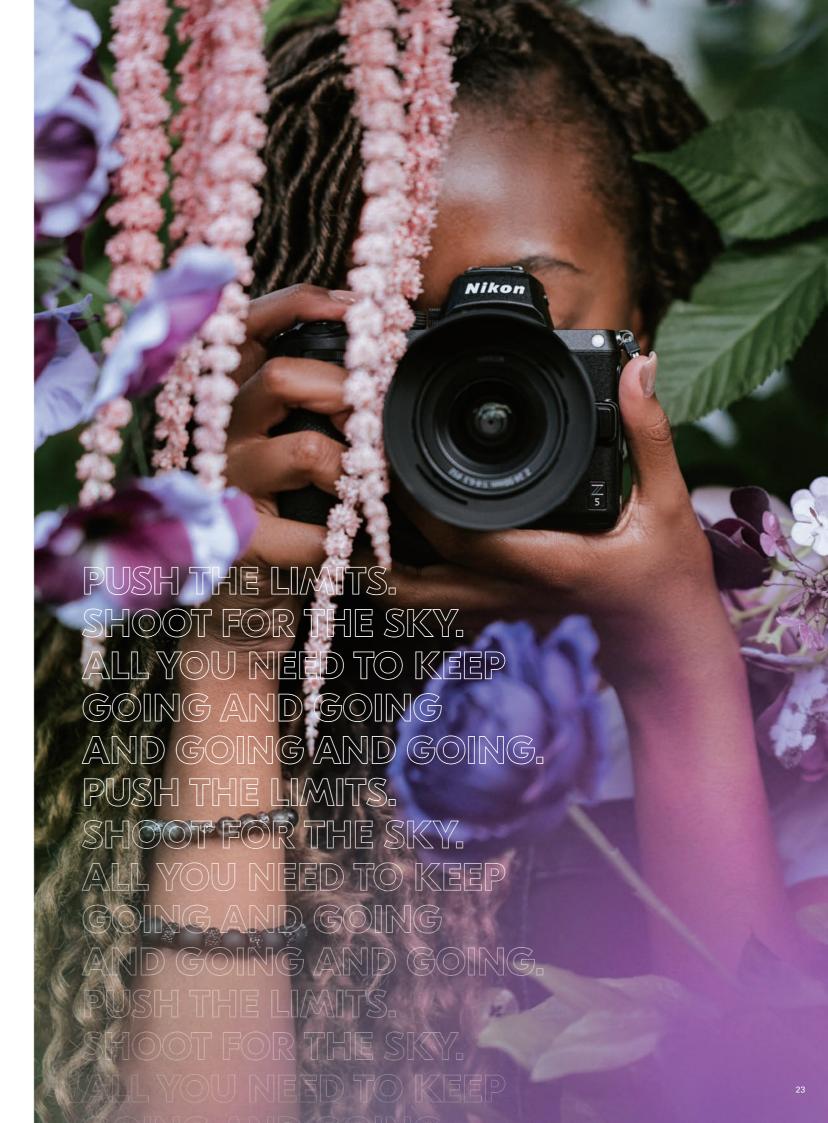
*Supplied accessories **Non-Nikon products † Can be downloaded from the application store of each smart device (free). †† Can be downloaded from Nikon website (free). EH-7P Charging AC Adapter or a portable USB charger can be used to charge EN-EL15c/EN-EL15b Rechargeable Li-ion Battery while the battery inserted in the camera and MB-N10.

Specifications.

Type of camera	Digital camera with support for interchangeable lenses
Lens mount	Nikon Z mount
Compatible lenses	• Z mount NIKKOR lenses • F mount NIKKOR lenses (mount
	adapter required; restrictions may apply)
Effective pixels	24.3 million
Image sensor	35.9 × 23.9 mm CMOS sensor (Nikon FX format)
Total pixels	24.93 million
File format	NEF (RAW): 12 or 14 bit (lossless compressed or compressed) PPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) compression; size-priority and optimal-quality compression available • NEF (RAW)+JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats
Picture Control System	Auto, Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, Flat, Creative Picture Controls; selected Picture Control can be modified; storage for custom Picture Controls
Storage media	SD (Secure Digital) and UHS-II compliant SDHC and SDXC memory cards; double card slots
Viewfinder	1.27-cm/0.5-in. approx. 3690k-dot (Quad VGA) OLED electronic viewfinder with color balance and auto and 11-level manual brightness controls
Frame coverage	Approx. 100% horizontal and 100% vertical
Magnification	Approx. 0.8× (50 mm lens at infinity, -1.0 m ⁻¹)
Monitor	8-cm/3.2-in., approx. 1040k-dot tilting TFT touch-sensitive LCD with 170° viewing angle, approximately 100% frame coverage, and color balance and 11-level manual brightness controls
Shutter type	Electronically controlled vertical-travel focal-plane mechanical shutter; electronic front-curtain shutter; electronic shutter
Shutter speed	1/8000 to 30 s in steps of 1/3 or 1/2 EV, bulb, time, X200
Release modes	S (single frame), CL (continuous low speed), CH (continuous high speed), $&$ (self-timer)
Approximate frame advance rate	• CL: Approx. 1 to 4 fps • Ch: 4.5 fps
Exposure metering system	TTL metering using camera image sensor
Exposure metering modes	Matrix • Center-weighted • Spot • Highlight-weighted
Metering range (ISO 100, f/2.0 lens, $20^{\circ}\text{C}/68^{\circ}\text{F}$)	-3 to 17 EV
ISO sensitivity (Recommended Exposure Index)	ISO 100 to 51200 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 or 1 EV (ISO 102400 equivalent) above ISO 51200; auto ISO sensitivity control available
Active D-Lighting	Can be selected from auto, extra high, high, normal, low or off
Autofocus	Hybrid phase-detection/contrast AF with AF assist
AF detection range (Photo mode, AF-S, ISO 100, f/2.0 lens, 20°C/68°F)	-3 to +19 EV (without low-light AF: -2 to +19 EV)
Focus point (Photo mode, single-point AF, FX format)	273 focus points
AF-area modes	Pinpoint AF (available in photo mode only), single-point AF and dynamic-area AF (available in photo mode only); wide-area AF (S); wide-area AF (L); auto-area AF
On-board VR	5-axis image sensor shift
Lens VR	Lens shift (available with VR lenses)
Flash control	TTL: i-TTL flash control; i-TTL balanced fill-flash is used with matrix, center-weighted, and highlight-weighted metering, standard i-TTL fill-flash with spot metering
Flash modes	Front-curtain sync, slow sync, rear-curtain sync, red-eye reduction, red-eye reduction with slow sync, off
Nikon Creative Lighting System (CLS)	i-TTL flash control, radio-controlled Advanced Wireless Lighting, optical Advanced Wireless Lighting, modeling illumination, FV lock, Color Information Communication, auto FP high-speed sync, unified flash control

White balance	Auto (3 types), natural light auto, direct sunlight, cloudy, shade, incandescent, fluorescent (7 types), flash, choose color temperature (2500 K to 10000 K), preset manual (up to 6 values can be stored), all with fine-tuning except choose color temperature
Bracketing types	Exposure and/or flash, white balance, and ADL
Movie metering system	TTL metering using camera image sensor
Movie metering modes	Matrix, center-weighted, or highlight-weighted
Frame size (pixels)	• 3840 × 2160 (4K UHD); 30p (progressive), 25p, 24p • 1920 × 1080;
and frame rate	60p, 50p, 30p, 25p, 24p
File format	MOV, MP4
Video compression	H.264/MPEG-4 Advanced Video Coding
Audio recording format	Linear PCM (for movies recorded in MOV format), AAC (for movies recorded in MP4 format)
Audio recording device	Built-in stereo or external microphone with attenuator option; sensitivity adjustable
Movie ISO sensitivity (Recommended Exposure Index)	• M: Manual selection (ISO 100 to 25600 in steps of 1/3 or 1/2 EV); auto ISO sensitivity control (ISO 100 to 25600) available with selectable upper limit • P, S, A: Auto ISO sensitivity control (ISO 100 to 25600) with selectable upper limit • \mathbf{E} : Auto ISO sensitivity control (ISO 100 to 25600)
Movie Active D-Lighting	Can be selected from extra high, high, normal, low or off
Other movie options	Time-lapse movies recording, electronic vibration reduction, time codes
USB	Type-C USB connector (SuperSpeed USB); connection to built-in USB port is recommended
HDMI output	Type C HDMI connector
Accessory terminal	Built-in (can be used with MC-DC2 remote cords and other optional accessories)
Audio input	Stereo mini-pin jack (3.5-mm diameter; plug-in power supported)
Audio output	Stereo mini-pin jack (3.5-mm diameter)
Wi-Fi	Available
Bluetooth	Available
Battery	One EN-EL15c Rechargeable Li-ion Battery; EN-EL15b/EN-EL15a/EN-EL15 batteries can also be used; Fewer pictures can be taken on a single charge than with the EN-EL15c
Battery pack	MB-NIO Battery Pack (available separately); takes two EN-ELI5c batteries (EN-ELI5b/EN-ELI5o/EN-ELI5 batteries can be used in place of the EN-ELI5c); note, however, that the number of pictures that can be taken on a single charge (i.e. battery endurance) will drop compared to the EN-ELI5c
Charging AC adapter	EH-7P Charging AC Adapter (available separately)
AC adapter	EH-5d/EH-5c/EH-5b AC Adapter; requires EP-5B Power Connector (available separately)
Other features	Multiple exposure, HDR, Nikon Creative Lighting system compatibility, SnapBridge and High-Speed Frame Capture
Dimensions (W × H × D)	Approx. 134 × 100.5 × 69.5 mm/5.3 × 4.0 × 2.8 in.
Weight	Approx. 675 g/1 lb. 7.9 oz. with battery and memory card but without body cap; approx. 590 g/1 lb. 4.9 oz. (camera body only)
Operating environment	Temperature: 0°C to 40°C (+32°F to 104°F); Humidity: 85% or less (no condensation)
Supplied accessories (may differ by country or area)	EN-ELI5c Rechargeable Li-ion Battery, MH-25a Battery Charger, DK-29 Rubber Eyecup, UC-E24 USB Cable, AN-DC19 Strap, BF-N1 Body Cap, BS-1 Accessory Shoe Cover

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WARNING

TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.

