## OUTPERFORM

The Z6III is far more than a simple upgrade from its predecessor; it's a class-leading camera packed with features that enable experienced creators to outperform in their field of choice. With powerful features inherited from the Z9 and Z8 and new signature technology, like the world's first* partially-stacked CMOS sensor and a bright EVF of 4000 cd/m2, it delivers stunning imagery that gives users an impressive edge. Creators can also effortlessly get the exact look they want in-camera with downloadable Imaging Recipes from Nikon Imaging Cloud or customise unique looks with Flexible Color Picture Control in NX Studio — for both stills and video. By redefining the shooting process and workflow, the Z6III empowers photographers and videographers to go further with their creativity.

* Among full-frame/FX-format mirrorless cameras as of June 17, 2024. Based on Nikon research.

Rivalling flagship performance with a revolutionary image sensor design

Circuits   Pixel area
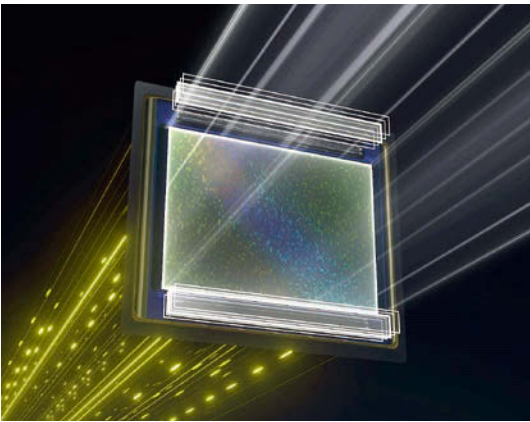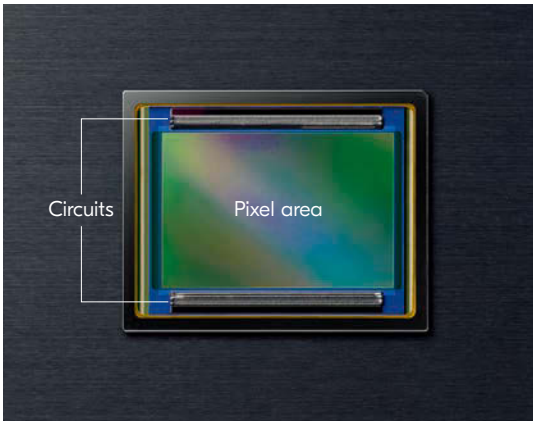
The Z6III boasts the world's first[*1] partially-stacked sensor, which integrates high-speed processing circuits above and below the imaging unit. This design achieves an approximately 3.5× faster readout than the Z6II, enabling you to capture photos at up to 120 fps[*2] and video at up to 240p in Full HD. It also supports in-camera 6K/60p N-RAW video recording, all while achieving minimal rolling shutter distortion.

*1 Among full-frame/FX-format mirrorless cameras as of June 17, 2024. Based on Nikon research.
*2 For JPEG only.

Get inspired to shoot with a high-resolution, bright EVF that matches a DCI-P3 colour space

A brighter view with the Z6III's EVF

The Z6III's EVF boasts a peak brightness of 4000 cd/m², surpassing even the Z9, giving you an impressively clear view of your subjects even in the brightest conditions, such as sunny beaches or snow-covered fields.
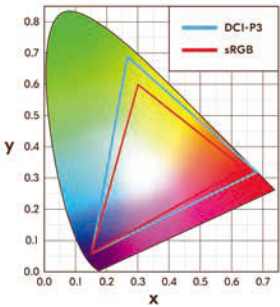

Z6III's EVF image

Competitor's EVF image

5760k-dot resolution offers a sharp view to the edges of the frame

With the Z6III's EVF's 5760k-dot resolution, you can experience edge-to-edge detailed views of what you are shooting. Nikon's advanced EVF optical design ensures minimal distortion or chromatic aberrations, providing absolute clarity for both live view and playback, making every moment a joy to capture.

Z6III's EVF image   Competitor's EVF image

Experience richer colours with a DCI-P3-equivalent colour gamut

With the Z6III's wide colour gamut equivalent to DCI-P3, you can enjoy more lifelike colours, especially vibrant reds and lush greens. The auto display function confirms HLG images/footage in-camera during shooting or playback, ensuring accurate colour reproduction when capturing luminous subjects such as illuminations or bright LEDs.

*The image above is for illustrative purposes only.

Colour Space
The diagram above shows the range of colours that the Z6III can display. It has a wider colour gamut compared to the sRGB colour space of the Z9 and Z8.

See more and freeze fast-moving action

Never miss a moment

Pre-Release Capture allows you to capture fleeting milliseconds at 120 fps up to 1 second before you fully press the shutter. This allows you to perfectly capture fast and unexpected moments, such as the instant a bird takes flight. Simply half-press the shutter-release button to start buffering, and the camera captures images up to a second before you fully press it. You can also capture decisive moments at 60 fps with 24 megapixels in FX format, a higher resolution than even the Z9's 60 fps mode.
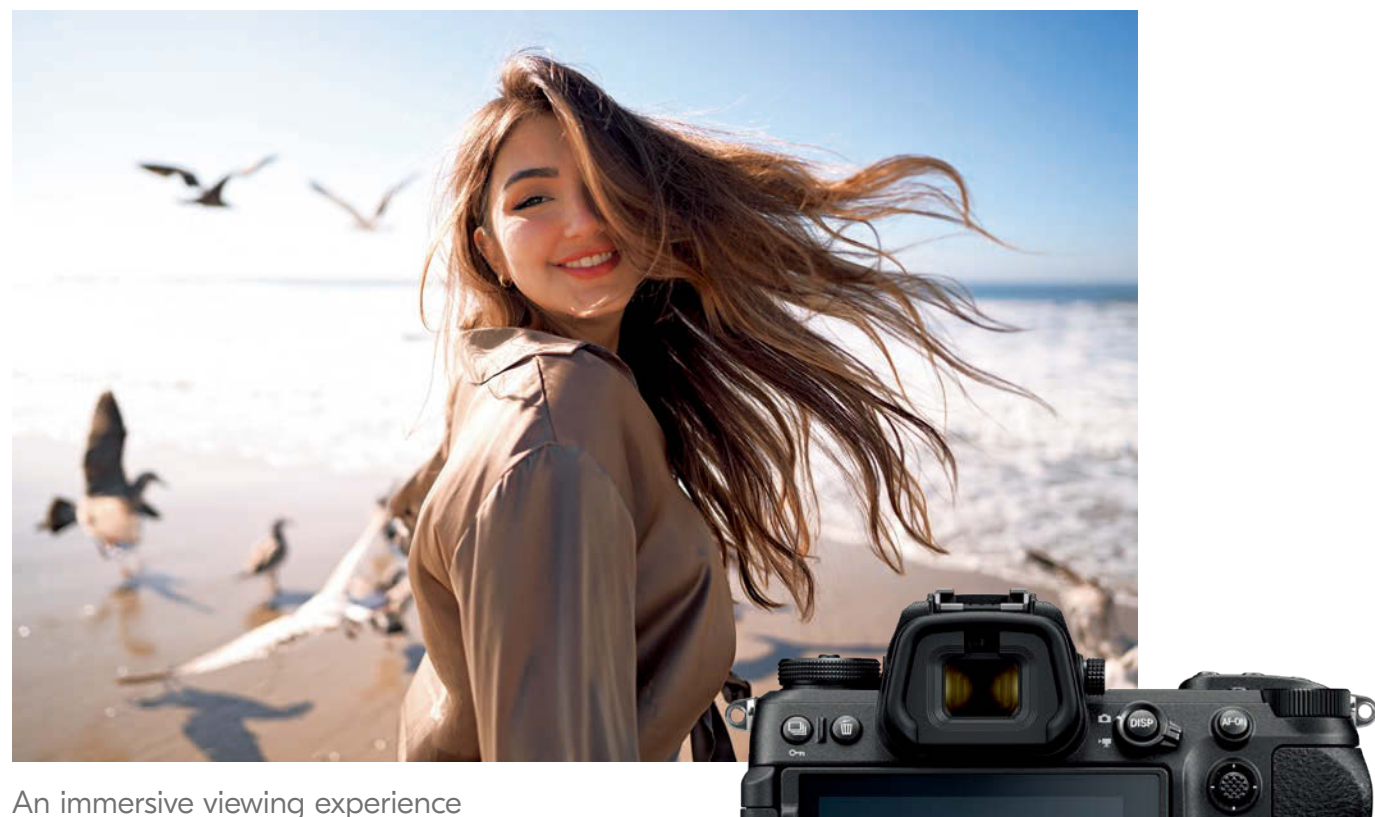

An immersive viewing experience

The Z6III's high-speed sensor readout enables an EVF refresh rate of up to 120 fps. Additionally, the EVF maintains a 60 fps display during 20 fps high-speed continuous shooting when the shutter button is fully pressed. This allows the camera to capture fast-moving action while delivering a seamless viewing experience with minimal frame skipping.

Capture every moment in sharp focus
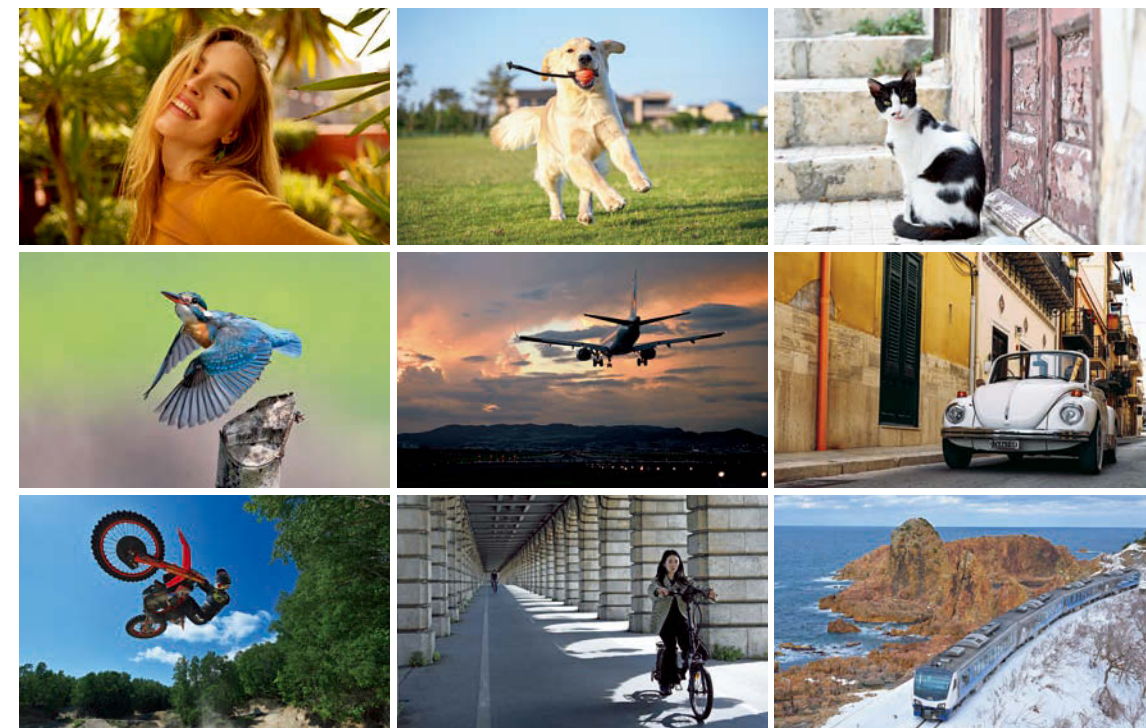
Maintaining focus across a range of subjects

The Z6III utilises advanced subject-detection technology from the Z9 and Z8 to detect and track nine subject types, including people (faces, eyes, heads, and upper bodies), dogs, cats, birds, cars, motorcycles, bicycles, airplanes, and trains. It can even detect faces as small as approximately 3% of the frame's long side, which is particularly useful for environmental portraits where you want to capture your subject in a wide landscape.
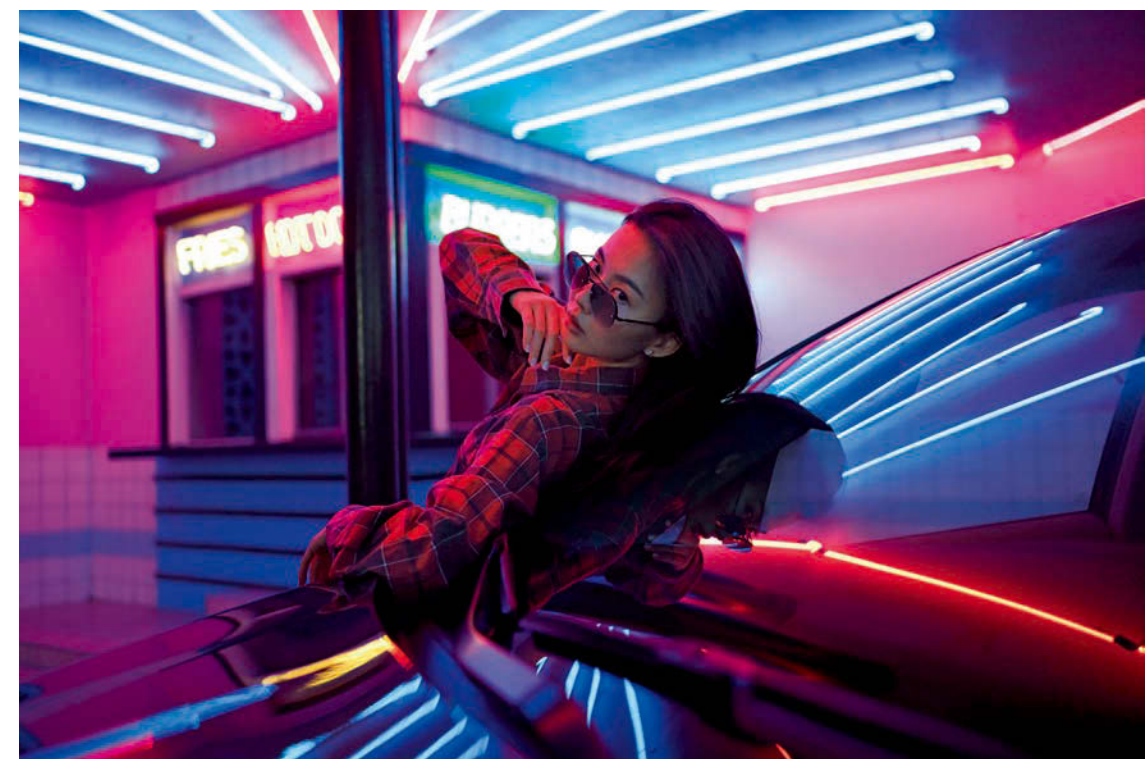
Quick and accurate focusing in low-light scenes

The Z6III excels in low-light situations, outperforming even the Z9 and Z8 in conditions as dark as -10 EV*, allowing you to capture nocturnal animals like owls in dark forests as well as night-time portraits and low-light indoor scenes.

* In photo mode using single-servo AF (AF-S) at ISO 100 equivalent and a temperature of 20°C with a f/1.2 lens.

Unleash your creative expression effortlessly through use of unique colours

Flexible Color Picture Control

NX Studio's Color Blender and Color Grading offer a wide range of intuitive adjustments for hue, saturation, and brightness, giving you the flexibility to create unique looks like never before. Save and apply your desired looks as a Custom Color Picture Control to the camera, allowing you to capture photos and videos in your one-of-a-kind style with ease.
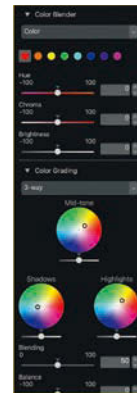
Flexible Color Picture Control usage guide

Step 1

Flexible Color in NX Studio and save it as Custom Color Picture Control.

Step 2

Apply the Custom Color Picture Control to the camera via a memory card or upload it to Nikon Imaging Cloud and sync it to your camera.

Step 3

Select Flexible Picture Color Control in the camera and shoot.

Nikon Imaging Cloud

Nikon's new cloud service offers a convenient way to enhance creative expression and streamline your workflow.

[Achieve your desired aesthetic easily]

You can easily access bespoke Imaging Recipes (Custom Picture Controls) created by Nikon and well-known creators. These are available for download from Nikon Imaging Cloud, allowing you to achieve the desired look for your stills and videos without the need for post-production photo editing or colour grading.

[Boosting productivity to the next level]

Nikon Imaging Cloud simplifies your shooting process and enhances your experience with automated image transfer, Imaging Recipes, and automatic firmware updates.

01 Imaging Recipes

Save your Imaging Recipes (custom Picture Control files) or the recipes offered by Nikon. Sync them to your camera to register and use them as Cloud Picture Controls.

Nikon Imaging Cloud

02 Automated image transfer

Automatically upload your images to Nikon Imaging Cloud when connected to Wi-Fi, and they will be directly transferred to your designated third-party cloud storage service.
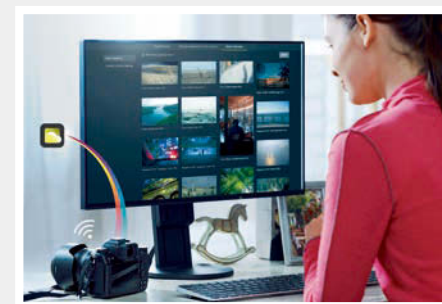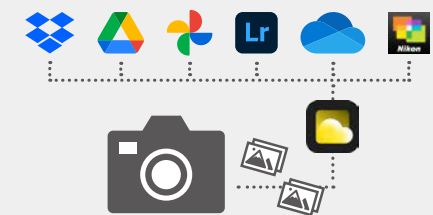
Supported cloud storage services (as of July 2024):

- Adobe Photoshop Lightroom
- Dropbox
- Google Drive
- Google Photos
- Microsoft OneDrive
- NIKON IMAGE SPACE

Supported file types (as of July 2024):

- JPEG
- HEIF
- RAW (NEF)
- WAVE

* Automated upload and transfer unavailable for videos

03 Firmware updates

Offers the option for direct firmware upgrades, with settings available for automatic updates to the latest firmware when connected to Wi-Fi.

* USB power delivery mode required.

Registration is required for the use of the Nikon Imaging Cloud services.

High-quality video production made possible for solo shooters

More flexibility for 4K output videos with 6K and 5.4K footage

The Z6III offers a wide range of possibilities, supporting 6K resolution footage in 12-bit N-RAW (up to 60p) and ProRes RAW (up to 30p), as well as 5.4K resolution in 10-bit ProRes 422 HQ (up to 30p) and H.265 (up to 60p) — all recordable in-camera. You can take advantage of the flexibility of these resolutions to crop, trim, zoom in, stabilise, and add digital tracking in post for 4K output, whether 4K UHD television broadcast resolution or 4K DCI cinema resolution. What's more, by oversampling from 6K, you can record 4K footage with a higher level of resolution than what the Z6II offers.

▼ 6K RAW 6048×3402
▼ 5.4K 5376×3024
▼ 4K UHD 3840×2160

◀ (reference) vertical Full HD 1080×1920   ◀ (reference) 4K DCI 4096×2160

Capture the drama in fleeting moments

Unlock cinematic possibilities by shooting at Full HD/240p* in H.265, giving you the flexibility to slow footage down by 10× when editing on a 24p timeline. The feature is perfect for capturing fleeting moments of wildlife or other dynamic action and expressing it in a stunningly poetic way. You can also take advantage of the 10-bit footage to grade the video and get the look you want.

* The angle of view is 95% of FX.

Extend your shooting time

The Z6III allows continuous recording for up to 125 minutes in 4K UHD/60p*, making it convenient for long shooting sessions at weddings, live concerts, interviews, and more.

* In H.265, cold start, and when using a MC-CF660G memory card. Needs external power source such as mobile batteries and MB-N14 Power Battery Pack. In standard mode, up to 75 mins. can be recorded.

Steady shots with the Z6III's in-camera VR stabilisation

The Z6III inherits the VR mode [SPORT] from the Z9 and Z8, enabling steady, organic-looking stabilisation when shooting video handheld. You can also experience further stabilisation with the Z6III's in-camera electronic VR*, ideal for handheld shooting while walking. This feature also corrects typical barrel distortion associated with wide-angle lenses.

* With electronic VR, the angle of view becomes equivalent to 1.25× the focal length of the lens in use. Not compatible with RAW video, 5.4K or frame rates of 100p or higher.

Capture more details in the shadows with N-Log

The Z6III lets you extend the base ISO for video from 800 down to an equivalent of 200 (Lo2.0) when recording in N-Log, shifting the dynamic range downward to suppress the noise in the dark areas of the frame. This enhances post-production flexibility by capturing more details in the shadows of low-light scenes.

Graded   N-RAW (N-Log)

Zoom in on subjects with prime lenses using Hi-Res Zoom

With the Z6III's Hi-Res Zoom, you can enjoy up to 2× zoom in Full HD and 1.4× in 4K UHD* at the press of a button, even with prime lenses. Unlike standard digital zoom, it preserves high resolution by utilising the 6K resolution the sensor offers when shooting in 4K UHD.

* Available in 4K 24-60p (ProRes 422 HQ, H.265 10/8-bit) and Full HD 24-60p (ProRes422 HQ, H.265 10/8-bit, H.264) with FX format . AF-area mode is fixed at wide-area AF(L), and the focus point will not be indicated.

Create time-lapse videos in-camera

The Z6III can create 4K UHD time-lapse videos in-camera and supports interval-timer shooting for high-quality time-lapses using RAW stills. Exposure smoothing, available in both functions, reduces subtle exposure variations between frames for beautiful results.

Nikon's first line-in audio input

The Z6III is Nikon's first camera with audio line input support, enabling you to record high-quality, professionally mixed audio directly into the camera. Whether it's a feed from a mixing desk at a live concert, a multi-microphone setup for podcasting, or an audio-editing workstation, you can embed top-quality audio into your video footage simply by plugging a 3.5 mm mini-jack into the microphone port.

Maintaining sharp focus in low-light conditions

Enhance handheld capture in low-light situations

The Z6III excels with an impressive 8.0-stop* vibration reduction. It delivers outstanding performance, keeping handheld shots sharp and ISO sensitivity low, even in low-light scenarios.

* Using the telephoto end of the NIKKOR Z 24-120mm f/4 S. Based on CIPA Standards.

ON   OFF

Keep subjects sharp in dark scenarios even when positioned off-centre

Focus Point VR* reduces blurring in focused areas, even when the subject is near the edge of the frame, ensuring sharp capture regardless of its position.

* Only in Photo mode with NIKKOR Z lenses without VR. It does not work when multiple focus points are displayed.

High ISO sensitivity for stunning images in dark settings

The Z6III excels in low-light situations, offering a maximum ISO of 64,000 for stills and 51,200 for video. Thanks to the EXPEED 7 image processing engine, it reduces noise in flat areas like night skies while preserving details in buildings. This means sharper, clearer images, making night and indoor shooting more enjoyable.

High-performance reliability wherever you go

A robust body — Withstands extreme situations down to -10°C

The Z6III features a front cover made from magnesium alloy and back and top covers made from Sereebo® P series material (Teijin Ltd.), offering enhanced impact resistance similar to the robustness of the Z9 and Z8. Thorough sealing is applied to the joints between each exterior cover, shutter release button, and vari-angle monitor structure, providing superior dust- and drip-resistance across the entire system, including the battery pack. In addition, the camera body and EN-EL15c Rechargeable Li-ion Batteries can operate in temperatures as low as -10°C. This allows you to capture stunning shots even in extreme conditions.

The image above shows the Z9 and is for illustrative purposes only.

VR lock mechanism to protect the sensor from unexpected shocks

Similar to the Z9 and Z8, the Z6III's in-camera VR lock mechanism secures the image sensor in place when the power is turned off. This prevents accidental damage from jolts or shakes during transportation.
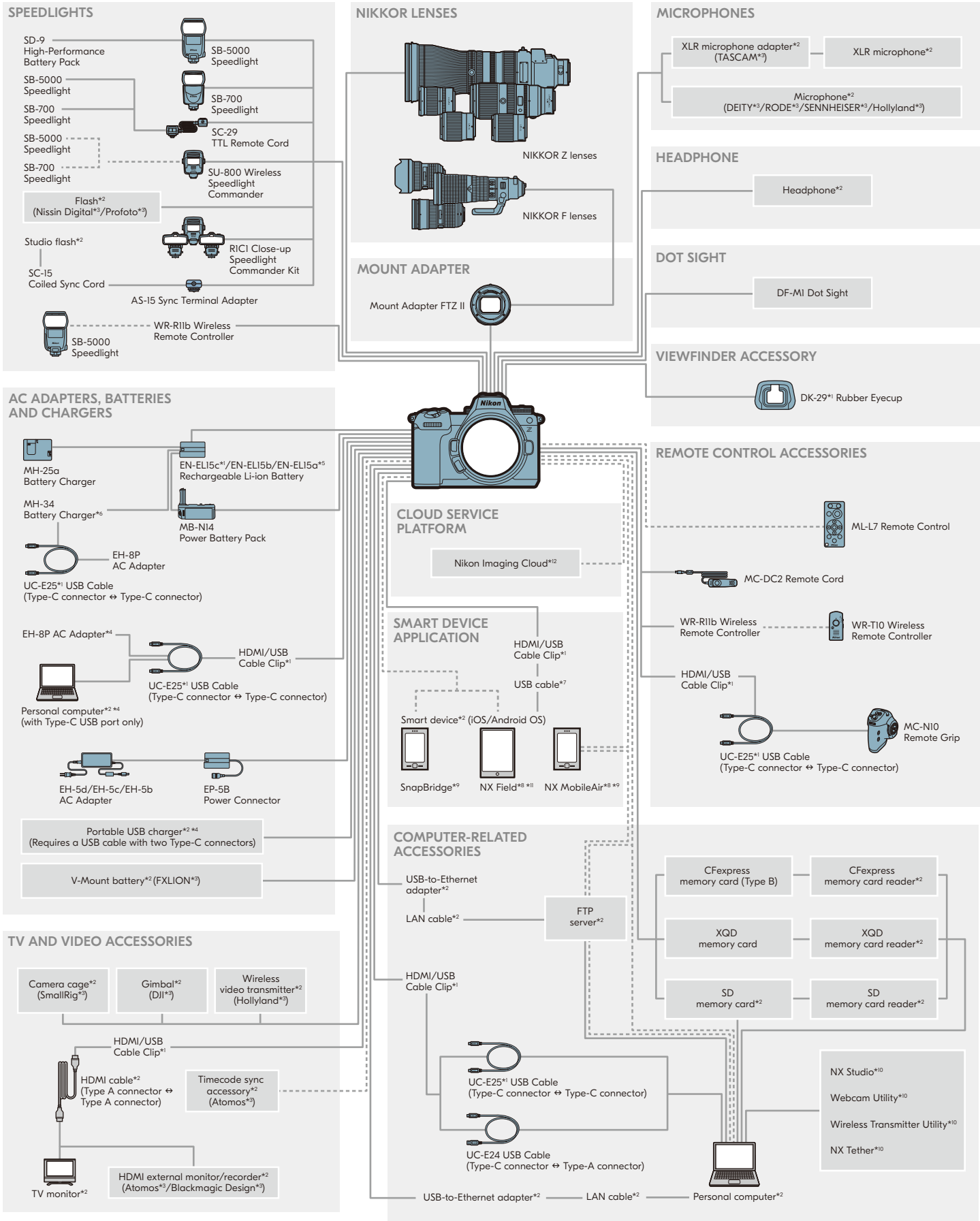

MB-N14 Power Battery Pack — Extend your shooting time with external power sources

Extend your battery life by approximately 1.9 times compared to using the camera alone with the optional MB-N14 Power Battery Pack. The hot-swappable feature of the MB-N14 allows you to keep shooting even when one of the two batteries is removed.

System Chart

SPEEDLIGHTS

- SD-9 High-Performance Battery Pack
- SB-5000 Speedlight
- SB-5000 Speedlight
- SB-700 Speedlight
- SB-5000 Speedlight
- SB-700 Speedlight
- SB-5000 Speedlight
- SB-700 Speedlight
- SC-29 TTL Remote Cord
- SU-800 Wireless Speedlight Commander
- Flash*2 (Nissin Digital*3/Profoto*3)
- Studio flash*2
- SC-15 Coiled Sync Cord
- R1C1 Close-up Speedlight Commander Kit
- AS-15 Sync Terminal Adapter
- WR-R11b Wireless Remote Controller
- SB-5000 Speedlight

NIKKOR LENSES

- NIKKOR Z lenses
- NIKKOR F lenses

MOUNT ADAPTER

- Mount Adapter FTZ II

MICROPHONES

- XLR microphone adapter*2 (TASCAM*3)
- XLR microphone*2
- Microphone*2 (DEITY*3/RODE*3/SENNHEISER*3/Hollyland*3)

HEADPHONE

- Headphone*2

DOT SIGHT

- DF-M1 Dot Sight

VIEWFINDER ACCESSORY

- DK-29*1 Rubber Eyecup

AC ADAPTERS, BATTERIES AND CHARGERS

- MH-25a Battery Charger
- MH-34 Battery Charger*6
- EN-EL15c*/EN-EL15b/EN-EL15a*5 Rechargeable Li-ion Battery
- EH-8P AC Adapter
- UC-E25*1 USB Cable (Type-C connector ↔ Type-C connector)
- MB-N14 Power Battery Pack
- EH-8P AC Adapter*4
- HDMI/USB Cable Clip*1
- UC-E25*1 USB Cable (Type-C connector ↔ Type-C connector)
- Personal computer*2 *4 (with Type-C USB port only)
- EH-5d/EH-5c/EH-5b AC Adapter
- EP-5B Power Connector
- Portable USB charger*2 *4 (Requires a USB cable with two Type-C connectors)
- V-Mount battery*2 (FXLION*3)

CLOUD SERVICE PLATFORM

- Nikon Imaging Cloud*12

SMART DEVICE APPLICATION

- HDMI/USB Cable Clip*1
- USB cable*7
- Smart device*2 (iOS/Android OS)
- SnapBridge*9
- NX Field*8 *11
- NX MobileAir*8 *9

REMOTE CONTROL ACCESSORIES

- ML-L7 Remote Control
- MC-DC2 Remote Cord
- WR-R11b Wireless Remote Controller
- WR-T10 Wireless Remote Controller
- HDMI/USB Cable Clip*1
- MC-N10 Remote Grip
- UC-E25*1 USB Cable (Type-C connector ↔ Type-C connector)

COMPUTER-RELATED ACCESSORIES

- USB-to-Ethernet adapter*2
- LAN cable*2
- FTP server*2
- HDMI/USB Cable Clip*1
- CFexpress memory card (Type B)
- CFexpress memory card reader*2
- XQD memory card
- XQD memory card reader*2
- SD memory card*2
- SD memory card reader*2
- UC-E25*1 USB Cable (Type-C connector ↔ Type-C connector)
- UC-E24 USB Cable (Type-C connector ↔ Type-A connector)
- USB-to-Ethernet adapter*2
- LAN cable*2
- Personal computer*2
- NX Studio*10
- Webcam Utility*10
- Wireless Transmitter Utility*10
- NX Tether*10

TV AND VIDEO ACCESSORIES

- Camera cage*2 (SmallRig*3)
- Gimbal*2 (DJI*3)
- Wireless video transmitter*2 (Hollyland*3)
- HDMI/USB Cable Clip*1
- HDMI cable*2 (Type A connector ↔ Type A connector)
- Timecode sync accessory*2 (Atomos*3)
- TV monitor*2
- HDMI external monitor/recorder*2 (Atomos*3/Blackmagic Design*3)

*1 Supplied accessories *2 Non-Nikon products *3 Collaborating accessory manufacturers *4 EN-EL15c and EN-EL15b batteries can be charged via the UC-E25 while inserted in the camera. The EN-EL15a battery can be charged using the MH-25a. *5 Not compatible with USB charging. *6 Only Compatible with EN-EL15c/EN-EL15b. *7 When connecting with iPhones, use the Anker's USB-C to Lightning Accessory Cable or UC-E25. When connecting with Android devices, use the UC-E25 or a USB cable with the appropriate connectors for the camera and your smartphone on the market. *8 Available regions and languages are limited. *9 Can be downloaded from the application store of each smart device (free). Full functions of the NX MobileAir are available with charge. *10 Can be downloaded from Nikon website (free). *11 Only available for iOS. *12 Nikon's Nikon Imaging Cloud can be used in a web browser of the computer or smart device. Register your camera with Nikon Imaging Cloud to access services.

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	24.5 million
Image sensor	35.9 × 23.9 mm CMOS sensor (full-frame/FX-format)
Total pixels	26.79 million
File format (image quality)	• NEF (RAW): 14-bit; choose from lossless compression, high efficiency★, and high efficiency options • JPEG: 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 • HEIF: Supports fine (approx. 1 : 4), normal (approx. 1 : 8), or basic (approx. 1 : 16) compression; size-priority and optimal-quality compression available • EF (RAW)+JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats • NEF (RAW)+HEIF: Single photograph recorded in both NEF (RAW) and HEIF formats
Picture Control System	Auto, Standard, Neutral, Vivid, Monochrome, Flat Monochrome, Deep Tone Monochrome, Portrait, Rich Tone Portrait, Landscape, Flat, Creative Picture Controls (Dream, Morning, Pop, Sunday, Somber, Dramatic, Silence, Bleached, Melancholic, Pure, Denim, Toy, Sepia, Blue, Red, Pink, Charcoal, Graphite, Binary, Carbon); selected Picture Control can be modified; storage for Custom Picture Controls *Note: Choice of Picture Controls is restricted to Standard, Monochrome, and Flat when HLG is selected for tone mode during still photography.
Storage media	CFexpress (Type B), XQD, SD (Secure Digital), and UHS-II compliant SDHC and SDXC memory cards
Dual card slots	Either card can be used for overflow or backup storage, for separate storage of NEF (RAW) and JPEG or HEIF pictures, or for storage of duplicate JPEG or HEIF pictures at different sizes and image qualities; pictures can be copied between cards.
Viewfinder	1.27-cm/0.5-in. approx. 5760k-dot UXGA OLED electronic viewfinder with colour balance and auto and 19-level manual brightness controls; high frame-rate display available
Viewfinder frame coverage	Approx. 100% horizontal and 100% vertical
Viewfinder magnification	Approx. 0.8× (50 mm lens at infinity, −1.0 m⁻¹)
Monitor	8-cm/3.2-in., approx. 2100k-dot vari-angle TFT touch-sensitive LCD with 170° viewing angle, approximately 100% frame coverage, and colour balance and 15-level manual brightness controls
Shutter type	Electronically-controlled vertical-travel focal-plane mechanical shutter; electronic front-curtain shutter; electronic shutter
Shutter speed	1/8000 – 30 s (choose from step sizes of 1/3, 1/2, and 1 EV, extendable to 900 s in mode **M**), bulb, time *When using an electronic shutter, the shutter speed can be set up to 1/16000 s.
Release modes	Single frame, continuous low-speed, continuous high-speed, continuous high-speed (extended), high-speed frame capture + with Pre-Release Capture, self-timer
Approximate frame advance rate	• Continuous low-speed: Approx. 1 — 7 fps • Continuous high speed: Approx. 8.1 fps (when using the electronic shutter and image quality settings other than NEF (RAW) and NEF (RAW) +: approx. 16 fps) • Continuous high speed (extended): Approx. 14 fps (with electronic shutter. Approx. 20 fps) • High-speed frame capture + (C30): Approx. 30 fps • High-speed frame capture + (C60): Approx. 60 fps • High-speed frame capture + (C120): Approx. 120 fps *Maximum frame advance rate as measured by in-house tests.
Exposure metering system	TTL metering using camera image sensor
Exposure metering modes	• Matrix metering • Centre-weighted metering: Weight of 75% given to 12 or 8 mm circle in centre of frame or weighting can be based on average of entire frame • Spot metering: Meters circle with a diameter of approximately 4 mm centred on selected focus point • Highlight-weighted metering
Metering range (ISO 100, f/2.0 lens, 20°C/68°F)	−4 – +17 EV
ISO sensitivity (Recommended Exposure Index)	ISO 100—64000 (choose from step sizes of 1/3 and 1 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, or 1.7 EV (ISO 204800 equivalent) above ISO64000; auto ISO sensitivity control available *Note: ISO sensitivity is limited to 400—64000 when HLG is selected for tone mode.
Active D-Lighting	Can be selected from Auto, Extra high, High, Normal, Low, and Off
Autofocus type	Hybrid phase-detection/contrast AF with AF assist
AF detection range (in photo mode, AF-S, ISO 100, f/1.2, 20°C/68°F)	−4.5 to +19 EV (−6 to +19 EV with low-light AF)
Lens servo	• Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); full-time AF (AF-F; available only in video mode); predictive focus tracking • Manual focus (M): Electronic rangefinder can be used
Focus points	273 focus points (single-point AF), 299 focus points (auto-area AF) *Number of focus points available in photo mode with FX selected for image area.
AF-area modes	Pinpoint (available in photo mode only), single-point, dynamic-area (S, M, and L; available in photo mode only), wide-area (S, L, C1, and C2), and auto-area AF; 3D-tracking (available in photo mode only); subject-tracking AF (available in video mode only)
Focus lock	Focus can be locked by pressing shutter-release button halfway (single-servo AF/AF-S) or by pressing the centre of the sub-selector
Camera on-board VR	5-axis image sensor shift
Lens on-board VR	Lens shift (available with VR lenses)
Flash control	TTL: i-TTL flash control; i-TTL balanced fill-flash is used with matrix, centre-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
Flash compensation	−3 – +1 EV (choose from step sizes of 1/3 and 1/2 EV)
Flash-ready indicator	Lights when optional flash unit is fully charged; flashes as underexposure warning after flash is fired at full output
Accessory shoe	ISO 518 hot-shoe with sync and data contacts and safety lock
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 (3 types), flash, choose colour temperature (2500—10,000 K), preset manual (up to 6 values can be stored), all with fine-tuning
Bracketing types	Exposure and/or flash, white balance, and ADL

Other options for still photography	Vignette control, diffraction compensation, auto distortion control, skin softening, portrait impression balance, and interval-timer, focus-shift, and pixel-shift photography
Metering system	TTL metering using camera image sensor
Video metering modes	Matrix, centre-weighted, or highlight-weighted
Frame size (pixels) and	• 5376 × 3024 (5.4K): 60p/50p/30p/25p/24p • 3840 × 2160 (4K UHD): 120p/100p/60p/50p/30p/25p/24p • 1920 × 1080: 240p/200p/120p/100p/60p/50p/30p/25p/24p • 1920 × 1080 (slow-motion): 30p ×4/25p ×4/24p ×5 *Note: Actual frame rates for 240p, 200p, 120p, 100p, 60p, 50p, 30p, 25p, and 24p are 239.76, 200, 119.88, 100, 59.94, 50, 29.97, 25, and 23.976 fps respectively.
Frame size (pixels) and frame rate (RAW video)	• 6048 × 3402: 60p/50p/30p/25p/24p • 4032 × 2268: 60p/50p/30p/25p/24p • 3984 × 2240: 120p/100p/60p/50p/30p/25p/24p *Note: Actual frame rates for 120p, 100p, 60p, 50p, 30p, 25p, and 24p are 119.88, 100, 59.94, 50, 29.97, 25, and 23.976 fps respectively.
File format	NEV, MOV, MP4
Video compression	N-RAW (12-bit), Apple ProRes RAW HQ (12-bit), Apple ProRes 422 HQ (10-bit), H.265/HEVC (8-bit/10-bit), H.264/AVC (8-bit)
Audio recording format	Linear PCM (48 KHz, 24-bit, for videos recorded in NEV or MOV format) or AAC (48 KHz, 16-bit, for videos recorded in MP4 format)
Audio recording device	Built-in stereo or external microphone can be used; external audio devices can be used via line input, audio input sensitivity adjustable; attenuator, frequency response, and wind noise reduction functions
Exposure compensation	−3 – +3 EV (choose from step sizes of 1/3 and 1/2 EV)
ISO sensitivity (Recommended Exposure Index)	• Mode M: Manual selection (ISO 100–51200; choose from step sizes of 1/6, 1/3 and 1 EV); with additional options available equivalent to approximately 0.3, 0.7, 1, or 2 EV (ISO 204800 equivalent) above ISO 51200; auto ISO sensitivity control (ISO 100—HI 2.0) available with selectable upper limit *Note: ISO sensitivity is limited to 400—51200 when HLG is selected for tone mode. *Note: ISO sensitivity is limited to Lo 0.3—2.0 and 800—51200 when N-Log is selected for tone mode. • Modes P, S, A: Auto ISO sensitivity control (ISO 100—HI 2.0) with selectable upper limit • 🎬 mode: Auto ISO sensitivity control (ISO 100—51200)
Active D-Lighting	Can be selected from Extra high, High, Normal, Low, and Off
Other video options	Time-lapse video recording, electronic vibration reduction, time codes, N-Log and HDR (HLG) video, wave-form display, red REC frame indicator, video recording display zoom (50%, 100%, and 200%), extended shutter speeds (modes S and M), and dual-format (proxy-video) recording for RAW video; option to view video recording info available via 𝑖 menu; Hi-Res Zoom
Playback	Full-frame and thumbnail (up to 4, 9, or 72 pictures) playback with playback zoom, playback zoom cropping, video playback, slide shows, histogram display, highlights, photo information, location data display, auto picture rotation, picture rating, voice memo recording and playback, IPTC information embedding and display, filtered playback, skip to first shot in series, series playback, save consecutive frames, and motion blend
USB	Type C SuperSpeed USB connector; connection to built-in USB ports is recommended
HDMI output	Type A HDMI connector
External Audio input	Stereo mini-pin jack (3.5 mm diameter; plug-in power and line input supported)
Audio output	Stereo mini-pin jack (3.5 mm diameter)
Accessory terminal	Built-in (can be used with MC-DC2 remote cords and other optional accessories)
Wi-Fi	• Standards : -IEEE 802.11b/g/n/a/ac • Operating frequency : -India: 2412— 2472 MHz (channel 13) and 5180—5825 MHz (5180—5700 MHz and 5745—5825 MHz) - Asia (other than Turkey), and the Middle East (other than Israel): 2412—2462 MHz (channel 11) and 5745— 5805 MHz -Australia, New Zealand, the Republic of Fiji, and Papua New Guinea: 2412—2462 MHz (channel 11) and 5180—5825 MHz (5180—5580 MHz, 5660—5700 MHz, and 5745—5825 MHz) • Maximum output power (EIRP) : -2.4 GHz band: 3.8 dBm -5 GHz band: 9.5 dBm* • Authentication: Open system, WPA2-PSK, WPA3-SAE *5GHz Wi-Fi support may vary from country to country.
Bluetooth	• Communication protocols: Bluetooth Specification version 5.0 • Operating frequency: -Bluetooth: 2402—2480 MHz -Bluetooth Low Energy: 2402—2480 MHz • Maximum output power (EIRP): -Bluetooth: −1.7 dBm -Bluetooth Low Energy: −3.2 dBm
Battery	One EN-EL15c rechargeable Li-ion battery* *EN-EL15b and EN-EL15a batteries can be used in place of the EN-EL15c. Note, however, that fewer pictures can be taken on a single charge than with the EN-EL15c. EH-8P AC adapters can be used to charge EN-EL15c and EN-EL15b batteries only.
Battery pack	MB-N14 power battery packs (available separately) use two EN-EL15c* batteries *EN-EL15b and EN-EL15a batteries can be used in place of the EN-EL15c. Note, however, that fewer pictures can be taken on a single charge than with the EN-EL15c.
AC adapter	•EH-8P AC adapters (available separately); supplied UC-E25 USB cable required •EH-5d, EH-5c, and EH-5b AC adapters; requires EP-5B power connector (available separately)
Tripod socket	0.635 cm; 1/4 in., ISO 1222
Dimensions (W × H × D)	Approx. 138.5 × 101.5 × 74 mm/5.5 × 4 × 3 in.
Weight	Approx. 760 g (1 lb. 10.9 oz.) with battery and memory card but without body cap and accessory shoe cover; approx. 670 g/1 lb. 7.7 oz. (camera body only)
Operating environment	Temperature: -10 °C— 40 °C (+14 °F — 104 °F) Humidity: 85% or less (no condensation)
Supplied accessories (may differ by country or area)	EN-EL15c Rechargeable Li-ion Battery, HDMI/USB Cable Clip, AN-DC26 Strap, UC-E25 USB Cable, BS-1 Accessory Shoe Cover, DK-29 Rubber Eyecup, BF-N1 Body Cap

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