



Table of contents

- 1. AF
- 2. High-speed performance
- 3. Agility
- 4. Movies
- 5. High image quality
- 6. Superior operability and reliability

Nikon

BIT

ON VROFF

3

D500

7. System



Nikon

ME-1

ſП

0

招面

E)

MENU)

0

Ð

ଷ୍

OK

OK

I

	1. AF		
1.	153 focus points with wider, denser image area coverage	1 -2.	Dedicated AF engine
	Total focus pointsTotal cross sensorsFocus points' low light performanceD50015399-4 EV (central focus point), -3 EV (other 152 focus points)• Broader, denser image area coverage allows incredible subject acquisition performance.• AF is effective in dark and low-contrast situations.	5.8 A M	Dedicated AF engine D500 Incorporated (works together with Multi-CAM 20K autofocus sensor module and sequence control microcomputer) • Camera quickly acquires fast-moving and erratically moving subjects, and maintains accurate focus.
	153 focus-point configuration that densely covers image area	1-3.	AF performance when using a teleconverter
			With AF-S/AF-I teleconverter
			Effective maximum apertures slower than f/5.6 and faster than f/8 Effective maximum apertures at f/8
			D500Focus points: 37Focus points: 15D5(including 25 cross sensors)(including 5 cross sensors)
			 Many focus points can be used even with slower effective maximum aperture, allowing more flexible AF shooting when using a teleconverter.
		-4.	AF lock-on
	DX 153 focus points: :]/:]/: [09 cross sensors: :]/:] 55 selectable points: :]/: [035 cross sensors: :]/:]		AF lock-on settingsBlocked shot AF responseSubject motionD500Allows AF response when the subject is obscured by another object, can be set from "Quick" to "Delayed"Can be adjusted according to the subject's movement characteristics from "Erratic" to "Steady"D5*Quick" to "Delayed"*Steady"
		1 -5.	Auto AF fine-tune
			AF fine-tuning process D500 Achieves focus in live view photography → Automatic setting of adjustment value with a few hutton operations
			• Easy to fine-tune for minor variations in AF between lens and camera, achieving accurate focusing in simple steps after lens changes.

-1.



2. High-speed performance

2-1.

High-speed continuous shooting and buffer capacity

	High-speed continuous shooting (with AF/AE)	Buffer capacity (14-bit lossless compressed RAW)* ¹	
D500	Approx. 10 fps* ²	200	
D5	Approx. 12 fps* ³	200	
*1 With Lovar Professional 2022v			

*1 With Lexar Professional 2933x XQD 2.0 (64 GB).

*2 Approximate frame rates for a fully charged EN-EL15 Rechargeable Li-ion Battery, using continuous-servo AF, a shutter speed of 1/250 s or faster, and with other settings at default values.

*3 Approximate frame rates when using continuous-servo AF, a shutter speed of 1/250 s or faster, and with other settings at default values.

• More chances to capture decisive moments of fast-moving subjects.



J. Agility



More powerful telephoto shooting possible using 1.3× image area

If you want to get closer to your subject but don't have time to change the lens, the D500's 1.3× image area may be just what you need. By providing an angle of view equivalent to that of a lens with roughly double the focal length in 35mm format (approx. 1.3× equivalent of DX format), it allows quick, dramatic changes of composition. This is especially useful for video, as it provides Full-HD movies in cropped size.



Movies

4-1.

4K UHD (3840 × 2160) movie recording

	Movie im	age areas		
3840 × 2160	4K UHD (3840 × 2	160): 30p/25p/24p		
DX-based movie format	Full HD (1920 × 1080): 60p/50p/30p/25p/24p			
1.3×-based image area				
	Maximum duration for movie recording			
	4K UHD	Full HD / HD		
D500	29 min. 59 s (recorded in separate files)	29 min. 59 s		
D5	3 min.	29 min. 59 s		
D500	Maximum duration 4K UHD 29 min. 59 s (recorded in separate files)	for movie recording Full HD / HD 29 min. 59 s		

• HDMI output of uncompressed 4K UHD movie data to an external recorder is also possible.



DX-based image area: Compatible with Full HD and HD

Note: Aspect ratio of movies is 16:9 regardless of the selected image area.

New functions that enhance movie quality

hand-held video shooting for Full HD and HD



	5. High image quality	
5-1.	Wide standard sensitivity range and high image quality at high ISO	5-4. 5-4. 5-4. 5-4. 5-4. 5-4. 5-4. 5-4.
	ISO sensitivity D500 ISO 100 to 51200, expandable to Lo 1 (ISO 50 equivalent) and Hi 5 (ISO 1640000 equivalent) D5 ISO 100 to 102400, expandable to Lo 1 (ISO 50 equivalent) and Hi 5 (ISO 3280000 equivalent) • Combined with enhanced metering and AF capability in low-light situations, it's now easier to capture dark scenes that were once difficult to reproduce. • Same wide ISO range — including the expanded sensitivity range — can be used in movie recording.	Auto 0 Auto 1 Auto 2 D500 Faithfully renders white under any light sources the environment contains Maintains a balance of the original subject color and the ambient lighting Renders color with a natural sense of warmth, retaining the color of incandescent or other lighting • Three auto modes selectable depending on purpose of the picture. • Intree auto modes selectable depending on purpose of the picture. • [Auto 0]: Renders white uniforms faithfully even under complex light sources at sports arenas. • [Auto 1]: Brings out the full white of dresses at wedding banquets.
5-2.	New EXPEED 5 image-processing engine with enhanced performance D500 EXPEED 5 D5 EXPEED 5 • Delivers superior image quality at high sensitivities. Experts continuous shooting at approx. 10 fps. • Auto white balance consistently delivers natural color reproduction under diverse light sources. Experts movie recording at 4K UHD (3840 × 2160)/30p.	5-5. Flicker reduction function for still images b 500 c
5-3.	Scene Recognition System with 180K-pixel RGB D500 Advanced Scene Recognition System with 180K-pixel RGB sensor D5 Advanced Scene Recognition System with 180K-pixel RGB sensor • Smaller, moving faces can be detected and focused on accurately.	Light source Dark Light source Dark 1st frame 2nd frame Flicker reduction: Off If the shutter-release timing occurs when the light source is dark, the image will be underexposed 1st frame 2nd frame 1st frame If the shutter-release timing occurs when the light source is dark, the image will be underexposed
	Faces can be exposed more precisely with auto exposure or Active D-Lighting than previously.	Flicker reduction: On The camera automatically shoots at the brightest points Stable exposure and color reproduction can be achieved

Light source identification

Playback

Playback zoom of face

AWB

Reproducing more natural

skin tone

Т

Subject tracking

Contrast-detect AF

•Face-priority AF •Subject-tracking AF

Face detection on

image plane

Live view

•Live view metering •Flicker reduction (movies)

exposure control

Highlight analysis

Active D-Lighting

Face detection with 180K-pixel RGB sensor

(Whether face is detected or not cannot be confirmed in the viewfinder)

Ш

Exposure control

Flicker reduction (still images)
 3D color matrix metering III (considering brightness of the subject's face)
 Highlight-weighted metering
 i-ITL balanced fill-flash

Subject tracking

Phase-detection AF

importance to the subject's face)
Group-area AF
3D-tracking

•Auto-area AF (attaching







You can choose to display FLICKER icon in the viewfinder when flicker is detected

0. Superior operability and reliability

6-1.

Touch-operation, tilting high-resolution LCD monitor

	Touch screen	Tilting structure	Size	Resolution
D500			8 cm/3.2 in.	approx. 2359k dots
D5			o (11/5.2 111.	approx. 2559k uots

*Touch-operation functions such as touch shutter during live view photography (can be switched to touch AF) and touch AF (during movie live view and movie recording) are employed in addition to those included in D5.

- Instant image switching is available using the frame advance bar during image playback.
- Rapid pinch-to-zoom operation allows easy focus confirmation.
- Touch AF is possible during movie live view and movie recording.
- Touch a spot on the screen during live view to preset white balance.
- Effortless text entering via touch operation.
- Comfortable shooting from a high or low angle with a stable posture.

6-2. Refined ergonomic operation/Button illumination

New controls/functions/menus in D500		
Optical viewfinder featuring viewing angle of approx. 30.8°, approx. 1.0× magnification and approx. 100% frame coverage	Subjects can be tracked in real time across a wide field of view, resulting in more comfortable continuous shooting.	
Buttons and control layout consistent with the D5	Similarity of the control system to that of the D5 makes it easy for D5 owners to use the D500 as a secondary camera.	
Button illumination	Button illumination, employed on DX model for the first time, enhances operation in darkness.	
<i>i</i> button settings	Quick access to the functions increases operational efficiency.	
Easy-to-hold grip and superior environment- resistant performance	DX agility with firm grip and ruggedness expand shooting field.	

6-3. **Energy-saving design**

Bati	tery	Maximum number of shots per charge*	Maximum filming duration possible per charge*
Body	EN-EL15	Approx. 1240	Approx. 50 min.
	EN-EL15	Approx. 1240	Approx. 50 min.
MB-D17 Multi-Power Battery Pack	EN-EL18a	Approx. 2510	Approx. 130 min.
buttery ruck	R6/AA-size batteries	Approx. 1260	Approx. 60 min.

*Based on CIPA Standards.

- Allows photographers to concentrate on shooting without having to worry about battery life.
- Eases the burden of having to prepare extra batteries.





- SD and XQD memory cards can be used, offering fast writing speeds.
- It is possible to use both types of memory card at once, and there are multiple recording options available: recording two full cards of data, recording the same data onto two cards for instant backup, or recording RAW and JPEG simultaneously onto separate cards.

6-5.

SnapBridge supported

- Convenient SnapBridge functions that can be enjoyed with the D500 Automatic image transfer to a smart device
 Browse images on the camera with a smart device
 Use location and date/time information from a smart device
- digital SLR camera is possible.



EN-EL15 Rechargeable Li-ion Batterv

MB-D17 Multi-Power Battery Pack (optional) attached to the D500

Dual memory card slots



SD card slot

Remote shooting
 Automatic image uploads to NIKON IMAGE SPACE

• With constant connection, the enhanced experience of taking and sharing images with a

_ System

7-1.

7-2.

SB-5000 Speedlight

Versatile, high-output Nikon SB-5000 Speedlight can be controlled wirelessly via radio waves

The SB-5000 is the first Nikon Speedlight that can be controlled via radio waves. When used as a remote flash for wireless multi-flash shooting, it provides greater lighting flexibility, as it is only minimally affected by obstacles or ambient lighting compared with conventional optical control (radio-controlled Advanced Wireless Lighting^{*1}). The SB-5000 employs a cooling system that prevents the flash panel from overheating due to consecutive bursts. As a result, it can fire consecutively for longer than conventional models, without flash cool-down time between bursts, while maintaining a powerful output at the guide number of 41m/134.5 ft^{*2}.

*1 WR-R10 Wireless Remote Controller and WR-A10 WR Adapter (both optional) are required. The WR-R10's firmware must be updated to be compatible with radio-controlled AWL (check Nikon website for details).

*2 ISO 100, at 35 mm zoom head position, in DX format, standard illumination pattern.



SB-5000 Speedlight

WT-7/A/B/C Wireless Transmitter (optional)

Newly developed WT-7/A/B/C Wireless Transmitter (optional) allows high-speed wired/wireless LAN communication



WT-7/A/B/C Wireless Transmitter (optional)

Nikon's WT-7/A/B/C Wireless Transmitter is aimed at professionals who need to transfer images more quickly and securely than they can with SnapBridge. It permits images and movie files to be transferred to computers*¹ or FTP servers via both wired and wireless LAN. Wired LAN supports 1000BASE-T and offers transmission speeds of up to approx. 1000 Mbps*², while wireless LAN supports IEEE802.11ac and enables

transmission at up to approx. 866.7 Mbps^{*2}, over distances of up to approx. 200 m/656.1 ft^{*3}. Used in conjunction with Camera Control Pro 2 (optional), it is also possible to control the D500 remotely^{*1}.

- *1 Requires Wireless Transmitter Utility (available for download from Nikon website).
- *2 Maximum logical data rates according to IEEE standard. Actual rates may differ.
- *3 With large antenna at wireless LAN access point. Range may vary according to
- signal strength and presence or absence of obstacles.



WT-7/A/B/C Wirless Transmitter (optional) attached to the D500

Nomenclature









- 1 Stereo microphone
- 2 Sub-command dial
- 3 Pv button
- 4 Fn1 button
- 5 Bracketing button
- 6 Meter coupling lever
- **7** Flash sync terminal (under cover)
- 8 Ten-pin remote terminal (under cover)
- 9 Lens mounting mark
- 10 CPU contacts
- 11 Lens release button
- 12 Lens mount
- 13 AF-mode button
- 14 Focus-mode selector
- 15 Mirror
- 16 Eyepiece shutter lever
- 17 Delete button/Formatting memory cards button
- 18 Playback button
- 19 Menu button
- 20 Protect button/Picture Control button/Help button
- 21 Playback zoom in button
- 22 Playback zoom out button/Thumbnails button/ Flash mode button/Flash compensation button

- 230K button
- 24 Fn2 button
- 25Viewfinder
- 26 Viewfinder eyepiece
- 27 Speaker
- 28 Sub-selector
- 29AF-ON button
- 30 Main command dial
- 31 Memory card slot cover
- 32 Multi selector
- 33N-Mark (NFC antenna)
- 34 Focus selector lock
- 35 Info button
- 36 i button
- 37 Live view selector
- 38Live view button
- Connector cover (USB connector/Headphone connector/ Connector for external microphone/HDMI connector)
- 40 Tilting monitor
- 41 Memory card access lamp
- 42 Release mode dial lock release
- 43Release mode dial

44 Image quality/image size button/Two-button reset button

- 49 Exposure compensation button/Two-button reset button
- ISO sensitivity button/Auto ISO sensitivity control button/ Formatting memory cards button
- 52 Eyelet for camera strap

- 60 Battery-chamber cover
- 6) Contact cover for optional MB-D17 Multi-Power Battery Pack
- 62 Tripod socket

- 45 Self-timer lamp 46 Movie-record button 47 Power switch 48 Shutter-release button
 - 51 Control panel

 - 53 White balance button
 - 54 Exposure mode button
 - 55 Metering button
 - 56 Accessory shoe (for optional flash unit)
 - 57 Focal plane mark
 - 58 Diopter adjustment control
 - 59 Power connector cover
 - 63 Battery-chamber cover latch

Specifications

Type of camera	Single-lens reflex digital camera Nikon F mount (with AF coupling and AF contacts)
	Nikon DX format; focal length in 35 mm [135] format equivalent to approx. 1.5×
F((.: .: .	that of lenses with FX format angle of view
Effective pixels	20.9 million 23.5 × 15.7 mm CMOS sensor
lmage sensor Total pixels	23.5 × 15.7 mm CMUS sensor 21.51 million
Dust-reduction system	Image sensor cleaning, Image Dust Off reference data (Capture NX-D software
Image size (pixels)	required) • DX (24×16) image area: 5568 × 3712 [L], 4176 × 2784 [M], 2784 × 1856 [S]
	\bullet 1.3x (18x12) image area: 4272 x 2848 [L], 3200 x 2136 [M], 2128 x 1424 [S] \bullet Photographs with image area of DX taken during movie recording: 5568 x 3128 [L] 4176 x 2344 [M], 2784 x 1560 [S] \bullet Photographs with image area of 1.3x taken during movie recording: 4272 x 2400 [L], 3200 x 1800 [M], 2128 x 1192 [S] \bullet Photographs taken during movie recording at a frame size of 3840 x 2160: 3840 x 2160
File format	 NEF (RAW): 12 or 14 bit (lossless compressed, compressed or uncompressed); large, medium and small available (medium and small images are recorded at a bit depth of 12 bits using lossless compression) TIFF (RGB) JPEG. JPEG.
Picture Control System	Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, Flat; selected Picture Control can be modified; storage for custom Picture Controls
Storage media	XQD, SD (Secure Digital) and UHS-II compliant SDHC and SDXC memory cards
Dual card slot	Either card can be used for primary or backup storage or for separate storage of NEF (RAW) and JPEG images; pictures can be copied between cards
File system	DCF 2.0, Exif 2.3, PictBridge
, Viewfinder	Eye-level pentaprism single-lens reflex viewfinder
Frame coverage	• DX (24×16) image area: Approx. 100% horizontal and 100% vertical • 1.3× (18×12 image area: Approx. 98% horizontal and 98% vertical
Magnification	Approx. 1.0× (50 mm f/1.4 lens at infinity, -1.0 m ⁻¹)
Eyepoint	16 mm (-1.0 m ⁻¹ ; from center surface of viewfinder eyepiece lens)
Diopter adjustment	-2 to +1 m ⁻¹
Focusing screen	Type B BriteView Clear Matte Mark II screen with AF area brackets (framing grid can be displayed)
Reflex mirror	Quick return
Depth-of-field preview	Pressing Pv button stops lens aperture down to value selected by user (A and M modes) or by camera (P and S modes)
Lens aperture	Instant return, electronically controlled
Compatible lenses	Compatible with AF NIKKOR lenses, including type G, E and D lenses (some restrictions apply to PC lenses) and DX lenses, AI-P NIKKOR lenses, and non-CPU AI lenses (A and M modes only); IX-NIKKOR lenses, lenses for the F3AF, and non-A lenses cannot be used The electronic trangefinder can be used with lenses that have a maximum aperture of f/5.6 or faster (the electronic rangefinder supports 15 focus points with lenses that have a maximum
Shutter type	aperture of f/8 or faster, of which 9 points are available for selection) Electronically controlled vertical-travel focal-plane mechanical shutter; electronic
Shutter speed	front-curtain shutter available in mirror up release mode 1/8000 to 30 s in steps of 1/3, 1/2 or 1 EV, bulb, time, X250
Flash sync speed	X=1/250 s; synchronizes with shutter at 1/250 s or slower
Release modes	S (single frame), CL (continuous low speed), CH (continuous high speed), Q (quiet shutter-release), QC (quiet continuous shutter-release), \bigotimes (self-timer), MUP (mirror
Approximate frame	up) CL: 1 to 9 fps, CH: 10 fps, QC: 3 fps
advance rate Self-timer	2 s 5 s 10 s 20 s 1 to 9 exposures at intervals of 0.5 1.2 or 2 s
Self-timer Exposure metering	2 s, 5 s, 10 s, 20 s; 1 to 9 exposures at intervals of 0.5, 1, 2 or 3 s TTL exposure metering using RGB sensor with approx. 180K (180,000) pixels
Metering method	 Matrix: 30 color matrix metering III (type G, E and D lenses); color matrix metering III (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data Center-weighted: Weight of 75% given to 8-mm circle in center of frame; diameter of circle can be changed to 6, 10 or 13 mm, or weighting can be based on average of entire frame (non-CPU lenses use 8-mm circle) Spot: Meters 3.5-mm circle (about 2.5% of frame) centered on selected focus point (on center focus point when non-CPU lens is used) Highlight-weighted: Available with type G, E and D lenses
Metering range (ISO 100, f/1.4 lens, 20°C/68°F)	Matrix or center-weighted metering: -3 to 20 EV • Spot metering: 2 to 20 EV Highlight-weighted metering: 0 to 20 EV
Exposure meter coupling	Combined CPU and AI
Exposure modes	Programmed auto with flexible program (P); shutter-priority auto (S); aperture- priority auto (A); manual (M)
Exposure compensation Exposure lock	-5 to +5 EV in increments of 1/3, 1/2 or 1 EV Luminosity locked at detected value
ISO sensitivity (Recommended Exposure	ISO 100 to 51200 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, 4
Index)	or 5 EV (ISO 1640000 equivalent) above ISO 51200; auto ISO sensitivity control available
Active D-Lighting	Auto, extra high, high, normal, low or off
Autofocus	Multi-CAM 20K autofocus sensor module with TTL phase detection, fine-tuning, and 153 focus points (including 99 cross sensors and 15 sensors that support f/8), of which 55 (35 cross sensors and 9 //8 sensors) are available for selection
AF detection range	-4 to 20 EV (ISO 100, 20°C/68°F)
Lens servo	 Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); predictive focus tracking automatically activated according to subject status
	(M): Electronic rangefinder can be used
Focus point	153 focus points, of which 55 or 15 are available for selection
AF-area modes	Single-point AF; 25-, 72- or 153-point dynamic-area AF; 3D-tracking; group-area AF; auto-area AF
Focus lock	Focus can be locked by pressing shutter-release button halfway (single-servo AF) or by pressing the center of the sub-selector
Flash control	TTL: i-TTL flash control using RGB sensor with approx. 180K (180,000) pixels; i-TTL balanced fill-flash for digital SLR is used with matrix, center-weighted and highlight-weighted metering, standard i-TTL fill-flash for digital SLR with spot metering

Flash modes	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
Flash compensation	-3 to +1 EV in increments of 1/3, 1/2 or 1 EV
Flash-ready indicator	Lights when optional flash unit is fully charged; flashes 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, Advanced Wireless Lighting (optical/radio), auto FP high-speed sync, modeling illumination, FV lock, unified flash control, flash color information communication and AF-assist illumination for multi-point AF
Sync terminal	ISO 519 sync terminal with locking thread
White balance	Auto (3 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
Bracketing types	Exposure, flash, white balance and ADL
Live view modes	🗅 (photo live view), 🐂 (movie live view)
Live view lens servo	Autofocus (AF): Single-servo AF (AF-S); full-time-servo AF (AF-F) Manual focus (M)
AF-area modes Autofocus	Face-priority AF, wide-area AF, normal-area AF, subject-tracking AF Contrast-detect AF anywhere in frame (camera selects focus point automatically
	when face-priority AF or subject-tracking AF is selected)
Movie metering	TTL exposure metering using main image sensor
Frame size (pixels) and	Matrix, center-weighted or highlight-weighted • 3840 × 2160 (4K UHD); 30p (progressive), 25p, 24p • 1920 × 1080; 60p, 50p, 30p,
frame rate	250, 24 po 4 1260 × 720; 60p, 50p, 50p Actual frame rates for 60p, 50p, 30p, 25p and 24p are 59,94, 50, 29,97, 25 and 23,976 fps respectively, \pm high quality available at all frame sizes, normal quality available at all frame sizes except 3840 × 2160
File format	MOV
Video compression	H.264/MPEG-4 Advanced Video Coding
Audio recording format	
Audio recording device	
ISO sensitivity	 Exposure modes P, S and A: Auto ISO sensitivity control (ISO 100 to Hi 5) with selectable upper limit Exposure mode M: Auto ISO sensitivity control (ISO 100 to Hi 5) available with selectable upper limit; manual selection (ISO 100 to 51200 in steps of 1/3, 1/2 or 1 EV) with additional options available equivalent to approx. 0.3, 0.5, 0.7, 1, 2, 3, 4 or 5 EV (ISO 1640000 equivalent) above ISO 51200
Active D-Lighting	Extra high, high, normal, low or off
Maximum length	29 min. 59 s
Other movie options Monitor	Index marking, time-lapse movies, electronic vibration reduction 8-cm/3.2-in., approx. 2359k-dot (XGA) tilting TFT touch-sensitive LCD with 170°
	viewing angle, approx. 2335k-001(XGA) titting FFT touch-sensitive ECD with F70 viewing angle, approx. 100% frame coverage and manual monitor brightness control
Playback	Full-frame and thumbnail (4, 9 or 72 images) playback with playback zoom, movie playback, photo and/or movie slide shows, histogram display, highlights, photo information, location data display, auto image rotation, picture rating and IPTC information embedding and display
USB	SuperSpeed USB (USB 3.0 Micro-B connector); connection to built-in USB port is recommended
HDMI output	Type C HDMI connector
Audio input Audio output	Stereo mini-pin jack (3.5-mm diameter; plug-in power supported) Stereo mini-pin jack (3.5-mm diameter)
	Can be used to connect optional remote control, WR-R10 (requires WR-A10 WR Adapter) or WR-1 Wireless Remote Controller, GP-1/GP-1A GPS Unit or GPS device
	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord
Wireless standards	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector)
Wireless standards Authentication	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord
	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1
Authentication Bluetooth communication protocols NFC operation	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 NFC Forum Type 3 Tag
Authentication Bluetooth communication protocols	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1
Authentication Bluetooth communication protocols NFC operation	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 <u>NFC Forum Type 3 Tag</u> Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu,
Authentication Bluetooth communication protocols NFC operation Supported languages Battery Battery pack	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 NFC Forum Type 3 Tag Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese One EN-EL15 Rechargeable Li-ion Battery Optional MB-D17 Multi-Power Battery Pack with one EN-EL18 aor EN-EL18 Rechargeable Li-ion Battery (available separately), one EN-EL18 Rechargeable Li-ion Battery or eight R6/A-size alkaline, Ni-MH or lithium batteries; a BL-5 Battery Chamber Cover is required when using EN-EL18a or EN-EL18 battery
Authentication Bluetooth communication protocols NFC operation Supported languages Battery Battery Battery pack AC adapter	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 NFC Forum Type 3 Tag Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese One EN-EL15 Rechargeable Li-ion Battery Optional MB-D17 Multi-Power Battery Pack with one EN-EL18 aor EN-EL18 Rechargeable Li-ion Battery (available separately), one EN-EL18 hechargeable Li-ion Battery or eight R6/AA-size alkaline, Ni-MH or lithium batteries; a BL-5 Battery Chamber Cover is required when using EN-EL18a or EN-EL18 hechargeable EI-5b AC Adapter; requires EP-5B Power Connector (available separately)
Authentication Bluetooth communication protocols NFC operation Supported languages Battery Battery Battery pack AC adapter Tripod socket	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 NFC Forum Type 3 Tag Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese One EN-EL15 Rechargeable Li-ion Battery Optional MB-D17 Multi-Power Battery Pack with one EN-EL18 aor EN-EL18 Rechargeable Li-ion Battery (available separately), one EN-EL15 Rechargeable Li-ion Battery or eight R6/AA-size alkaline, Ni-MH or lithium batteries; a BL-5 Battery Chamber Cover is required when using EN-EL18a or EN-EL18 htery EH-5b AC Adapter; requires EP-5B Power Connector (available separately) 1/4 in. (ISO 1222)
Authentication Bluetooth communication protocols NFC operation Supported languages Battery Battery pack	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 <u>NFC Forum Type 3 Tag</u> Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese One EN-EL15 Rechargeable Li-ion Battery Optional MB-D17 Multi-Power Battery Pack with one EN-EL18a or EN-EL18 Rechargeable Li-ion Battery (available separately), one EN-EL15 Rechargeable Li-ion Battery or eight R6/AA-size alkaline, Ni-MH or lithium batteries; a BL-5 Battery Chamber Cover is required when using EN-EL18a or EN-EL18 battery EH-5b AC Adapter; requires EP-5B Power Connector (available separately) 1/4 in. (ISO 1222) Approx. 147 × 115 × 81 mm/5.8 × 4.6 × 3.2 in. Approx. 860 g/1 lb 14.4 oz with battery and XQD memory card but without body
Authentication Bluetooth communication protocols NFC operation Supported languages Battery Battery pack AC adapter Tripod socket Dimensions (W×H×D) Weight	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 NFC Forum Type 3 Tag Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brzill, Boungarian, Russian, Sethian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese One EN-EL15 Rechargeable Li-ion Battery Optional MB-D17 Multi-Power Battery Pack with one EN-EL18 aor EN-EL18 Rechargeable Li-ion Battery (available separately), one EN-EL18 Rechargeable Li-ion Battery (available separately), one EN-EL18 hechargeable Li-ion Battery (available separately) 1/4 in. (ISO 1222) Approx. 147 × 115 × 81 mm/5.8 × 4.6 × 3.2 in. Approx. 860 g/1 lb 14.4 oz with battery and XDD memory card but without body cap; approx. 760 g/1 lb 10.9 oz (camera body only)
Authentication Bluetooth communication protocols NFC operation Supported languages Battery Battery Battery pack AC adapter Tripod socket Dimensions (W×H×D)	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 NFC Forum Type 3 Tag Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese One EN-EL15 Rechargeable Li-ion Battery Optional MB-D17 Multi-Power Battery Pack with one EN-EL18a or EN-EL18 Rechargeable Li-ion Battery (available separately), one EN-EL15 Rechargeable Li-ion Battery crequires EP-SB Power Connector (available separately) 1/4 in. (ISO 1222) Approx. 147 × 115 × 81 mm/5.8 × 4.6 × 3.2 in. Approx. 860 g/1 lb 10.9 oz (camera body only) Temperature: 0 to 40°C/32 to 104°F; humidity: 85% or less (no condensation) EN-EL15 Rechargeable Li-ion Battery MH-25a Battery Charmer, DK-17F Fluorine-
Authentication Bluetooth communication protocols NFC operation Supported languages Battery Battery pack AC adapter Tripod socket Dimensions (W×H×D) Weight Operating environment	compliant with NMEA0183 version 2.01 or 3.01 (requires MC-35 GPS Adapter Cord and cable with D-sub 9-pin connector) IEEE 802.11b, IEEE 802.11g Open system, WPA2-PSK Bluetooth Specification Version 4.1 NFC Forum Type 3 Tag Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Setbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese One EN-EL15 Rechargeable Li-ion Battery Optional MB-D17 Multi-Power Battery Pack with one EN-EL18 aor EN-EL18 Rechargeable Li-ion Battery (available separately), one EN-EL18 hechargeable Li-ion Battery (available separately) 1/4 in. (ISO 1222) Approx. 147 × 115 × 81 mm/5.8 × 4.6 × 3.2 in. Approx. 860 g/1 lb 10.9 oz (camera body only)

• Nikon reserves the right to change the appearance and specifications of the hardware and software described in this material at any time and without prior notice. • XQD is a trademark of SONY Corporation. • The SD, SDHC and SDXC logos are trademarks of the SD-3C, LLC. • The Bluetooth[®] word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Nikon Corporation is under license. • Android^M is a trademark or registered trademark of Google Inc. • IOS is a trademark or registered trademark of Gisco Systems, Inc., in the United States and/or other countries and is used under license. • PictBridge is a trademark. • HOMI, the HOMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HOMI Licensing, LLC. • Wi-Fi[®] and the Wi-Fi logo are trademark or registered trademarks or re