



At the heart of the image

# I AM THE NIKON COOLPIX W100



## COOLPIX W100



### Included accessories



EN-EL19  
Rechargeable Battery



UC-E21 USB Cable

### Optional colors



## I AM FUN IN THE SUN

Want a camera designed for adventures at home or abroad? The 13.2-megapixel COOLPIX W100 with 3x optical zoom lens is waterproof<sup>1</sup>, shockproof<sup>2</sup>, cold resistant and dustproof<sup>1</sup> – so it can be carried anywhere without a care. Dedicated one-touch buttons and an easy-to-use interface make taking photos or shooting Full HD movies simple, plus it has a special children's menu too. SnapBridge automatically transfers your images to your smart device for social sharing on the go.

### Key features:

- **Worry-free durability.** It's waterproof<sup>1</sup> to 10m and shockproof<sup>2</sup> to a drop of 1.8m, so there's no need to worry about damage from drops or dips in the pool. It's cold-resistant down to -10°C and dustproof<sup>1</sup> too.
- **Instant sharing with Snapbridge.** SnapBridge automatically transfers images to your smart device for easy storage and social sharing on the go. Using Bluetooth<sup>®</sup> low energy (BLE), SnapBridge maintains a constant, low-power connection between your camera and your smartphone or tablet.
- **Shoot Full HD video.** Make movie magic with friends and family at the touch of a button. Record Full HD 1080p video with stereo sound while Electronic VR (Vibration Reduction) keeps your movies smooth.
- **Take high-quality images every time.** Shoot with a crystal clear NIKKOR lens and 13.2 MP CMOS image sensor. The 3x optical zoom extends to 6x Dynamic Fine Zoom<sup>3</sup>, helping you capture fun facial expressions up close.

<sup>1</sup> The camera is equivalent to JIS/IEC waterproof class 8 (IPX8) and JIS/IEC dustproof class 6 (IP6X).

<sup>2</sup> This camera has passed Nikon's in-house test (drop test from a height of 1.8 m/5.9 ft on a 5 cm/2 in. thick plywood panel) compliant with MIL-STD 810F Method 516.5-Shock\*. \*U.S. Department of Defense test method standard.

<sup>3</sup> Magnification of Dynamic Fine Zoom is calculated from the maximum wide-angle position of optical zoom.



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## TECHNICAL SPECIFICATIONS

Effective pixels	13.2 million (Image processing may reduce the number of effective pixels.)
Image sensor	1/3.1-in. type CMOS Total pixels: approx. 14.17 million
Lens	NIKKOR lens with 3 x optical zoom
Focal length	4.1 to 12.3 mm (angle of view equivalent to that of 30 to 90 mm lens in 35mm [135] format)
Maximum aperture	f/ 3.3 to 5.9
Construction	6 elements in 5 groups
Digital zoom magnification	Up to 4x (angle of view equivalent to that of approx. 360 mm lens in 35mm [135] format)
Vibration reduction	Electronic VR (movies)
Motion blur reduction	Electronic VR (still images)
Autofocus system	Contrast-detect AF
Focus range	[W]: Approx. 5 cm (2 in.) to infinity [T]: Approx. 50 cm (1 ft 8 in.) to infinity Shoot close-ups, Photograph food, Shoot under water, Mirror, Add a bubble effect, Add a neon effect, Add a cartoon effect, Take soft pictures, Create a diorama effect, Shoot a movie miniature, Highlight colors : Approx. 5 cm (2 in.) (wide-angle position) to infinity (All distances measured from center of front surface of the protective glass)
Focus-area selection	Center, face detection, target finding AF
Monitor size	6.7 cm (2.7 -in.) diagonal
Monitor resolution	Approx. 230 k-dot TFT LCD with anti-reflection coating and 5-level brightness adjustment
Frame coverage (shooting mode)	Approx. 96% horizontal and vertical (compared to actual picture)
Frame coverage (playback mode)	Approx. 100% horizontal and vertical (compared to actual picture)
Media	SD, SDHC, SDXC Internal memory (approx. 22 MB)
File system	DCF and Exif 2.3 compliant
File formats	Still images: JPEG Voice messages: WAV Movies: MP4 (Video: H.264/MPEG-4 AVC, Audio: AAC stereo)
Image size (pixels)	13 megapixels [4160 x 3120] 4 megapixels [2272 x 1704] 2 megapixels [1600 x 1200]
ISO sensitivity (Standard output sensitivity)	ISO 125 to 1600
Metering method	Matrix, center-weighted (digital zoom less than 2x), spot (digital zoom 2x or more)
Exposure modes	Programmed auto exposure and exposure compensation (-2.0 to +2.0 EV in steps of 1 EV)
Shutter type	Mechanical and CMOS electronic shutter
Shutter speed	1/2000 to 1 s 25 s (Add light trails in Choose a style is set to Night sky)
Self-timer	10 s, smile timer 5 s (self-portrait timer)

Aperture type	Electronically-controlled ND filter (-2 AV) selection
Aperture range	2 steps (f/3.3 and f/6.6 [W])
Built-in flash	Yes
Range (approx.) (ISO sensitivity: Auto)	[W]: 0.3 to 3.1 m (1 ft to 10 ft) [T]: 0.6 to 1.7 m (2 ft to 5 ft 6 in.)
Control	TTL auto flash with monitor preflashes
USB connector	Micro-USB connector, Hi-Speed USB (do not use any USB cable other than the UC-E21) Supports Direct Print (PictBridge)
HDMI output connector	HDMI micro connector (Type D)
Wi-Fi Standards	IEEE 802.11b/g (standard wireless LAN protocol)
Operating frequency	2412 to 2462 MHz (1 to 11 channels)
Security	Open system, WPA2-PSK
Bluetooth Communication protocols	Bluetooth Specification Version 4.1
Waterproof	JIS/IEC protection class 8 (IPX8) equivalent (under our testing conditions). Capacity to shoot pictures underwater up to a depth of 10 m (32 ft) and for 60 minutes.
Dustproof	JIS/IEC protection class 6 (IP6X) equivalent (under our testing conditions)
Shockproof	Cleared our testing conditions <sup>1</sup> compliant with MIL-STD 810F Method 516.5-Shock
Supported languages for camera menus	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 (European and Brazilian), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese
Power source	One EN-EL19 Rechargeable Li-ion Battery (included) EH-62G AC Adapter (available separately)
Charging time	Approx. 1 h 40 min (when using EH-73P/ EH-73PCH Charging AC Adapter and when no charge remains)
Battery life of still shooting	Approx. 220 shots when using EN-EL19 <sup>2</sup>
Battery life of movies (actual battery life for recording)	Approx. 1 h 30 min when using EN-EL19 <sup>2,3</sup>
Tripod socket	1/4 (ISO 1222)
Dimensions (WxHxD)	Approx. 109.5 x 67.0 x 38.0 mm (4.4 x 2.7 x 1.5 in.) (excluding projections)
Weight	Approx. 177 g (6.3 oz.) (including battery and memory card)
Temperature	-10°C to +40°C (14°F to 104°F) (for land use), 0°C to 40°C (32°F to 104°F) (for underwater use)
Humidity	85% or less (no condensation)
Supplied Accessories	Camera Strap, EN-EL19 Rechargeable Li-ion Battery, EH-73P Charging AC Adapter*, UC-E21 USB Cable, Brush *A plug adapter is included if the camera was purchased in a country or region that requires a plug adapter. The shape of the plug adapter varies with the country or region of purchase.

All measurements are performed in conformity with Camera and Imaging Products Association (CIPA) standards or guidelines.

<sup>2</sup> Battery life does not reflect the use of SnapBridge and may vary with the conditions of use, including temperature, the interval between shots, and the length of time that menus and images are displayed.

<sup>3</sup> Individual movie files cannot exceed 4 GB in size or 29 minutes in length. Recording may end before this limit is reached if camera temperature becomes elevated.



Recommended accessories

VEA012EA Battery  
Charger MH-66



ALM23060  
Floating Strap

