

Nikon waterproof COOLPIX W100

Share all your holiday fun instantly with the waterproof COOLPIX W100.

You can take it as deep as 10 m underwater¹, plus it's shockproof² to 1.8 m; cold resistant to -10°C and dustproof¹, so it's built to take all of life's knocks.

Shoot high-quality photos and Full HD videos with stereo sound, while SnapBridge automatically transfers images to your smart device for easy sharing and storage. Dedicated one-touch buttons and an easy-to-use interface make operation simple, and there's even a special children's menu.

The 13.2-megapixel COOLPIX W100 makes photography simple for everyone.

WORRY-FREE DURABILITY

This camera can take all the knocks that life can throw at it. It's waterproof¹ to 10 m and shockproof² to a drop of 1.8 m, 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 dustproof¹ too, letting you carry it with you anywhere without a care. You can just relax and enjoy making photography fun for everyone.

EASY SHARING WITH SNAPBRIDGE

Your high-quality Nikon images can light up your social networks in seconds with SnapBridge. It uses Bluetooth® low energy (BLE) to maintain a constant, low-power connection between your camera and up to five smart devices. Photos can be automatically transferred to your phone or tablet as you shoot. Simply pick up your smart device and your photos will be there: images synced while you shoot are automatically re-sized so they're easy to review, or edit in your favourite app, and quick to upload to social media. If you don't want to automatically sync every photo, simple controls let you manually sync specific photos, transfer images at larger resolutions, and sync movies.

The app for Android devices is now available. The SnapBridge iOS app will be available on the App Store® from the end of August 2016. Your camera may require a [firmware update](#) before the iOS version of the SnapBridge app can be used.

[LEARN MORE ABOUT SNAPBRIDGE](#)

SHOOT FULL HD VIDEO

Make great movies with friends and family at the touch of a button. Just press the dedicated video record button and you'll be shooting Full HD 1080p video with stereo sound. When the action starts you'll always be ready to record memorable moments in motion, while Electronic VR (Vibration Reduction) keeps your movies smooth. You can even play around with a Diorama effect to make your movies look like miniature scenes, and play back on your HDTV with an optional HDMI cable. Bring special celebrations and travel scenes to life in high-quality movies that are perfect for social sharing.

TAKE HIGH-QUALITY IMAGES EVERY TIME

Say goodbye to grainy shots and missed moments when you can shoot with a crystal clear NIKKOR lens and a 13.2 MP CMOS image sensor. The NIKKOR 3x optical zoom is extendable to 6x Dynamic Fine Zoom³, bringing you closer to your subject so you can shoot all the fun and capture great facial expressions too. High image quality is guaranteed, helping you to shoot images and video that you'll be proud to share.

EASY AND INTUITIVE OPERATION

When the action's happening, the last thing you want to worry about is how to operate your camera, so the COOLPIX W100 makes it easy for you. Four dedicated buttons allow direct access to the menu, while a simple-to-use interface helps you find the feature you need with ease. Buttons are large and friendly to small hands, designed to make shooting comfortable for photographers of all ages. Select Easy auto mode and your camera will optimise all its settings for you, giving you great images every time. The large 230k-dot 6.7cm/2.7in TFT LCD monitor makes framing shots easy, and its anti-reflection coating and brightness adjustment means you'll always have clear visibility – even in low light or direct sunlight. Micro-USB charging gives you a quick recharge time, so you're always ready to capture that perfect moment.

FAMILY-FRIENDLY FEATURES

The COOLPIX W100 makes shooting simple for even the smallest of photographers with a Variety menu that gives you a choice of adult or child menus. Inside the children's menu, brightly coloured Welcome screens change from day to night, according to the time of shooting. Welcome characters also appear to make shooting even more fun, and children can play with adding cartoon effects or cute stamps like hearts and stars to their images too. Your camera comes in a range of vibrant colours to suit any lifestyle.

GET CREATIVE WITH IMAGE EFFECTS

Make your photos stand out with a range of effects from Highlight colors –adding a pop of colour to a black and white image – to Fisheye and Toy camera. Glamour retouch lets you give everyone a makeover with options like Mascara, Whiten teeth or Lipstick. You can even add light trails to your photos with Multiple exposure lighten or create a Slide show with sound right in your camera. Never have a dull photo day again!

PERFECT PORTRAITS MADE SIMPLE

Smart portrait system makes it easy to take flattering portraits of family and friends. It activates features like Face-priority AF, which automatically detects your subject's facial area and focuses on it. Even if your subject moves or you change the composition of your photo, it will automatically retain focus on their face. Smile mode releases the shutter when it detects your subject smiling, while Blink warning lets you know immediately if your subject blinked while your photo was taken, so you can retake the shot. Underwater face framing saves you from

having to get wet when shooting poolside or at the beach, by taking underwater shots automatically when it detects people's faces.

RELIABLE SHARP FOCUS

Target finding AF incorporated (in Auto mode) gives you sharp focus in every image. It accurately predicts the main subject in your shot, so just by framing your image you'll achieve focus automatically. The focus area is shown on the monitor before you press the shutter, so you know exactly where the main focus of your image will be. For human subjects, faces are the priority for focus.

NIKON IMAGE SPACE

You can enjoy 20 GB of free online cloud storage as a Nikon user, with our dedicated Nikon image storage and sharing site, NIKON IMAGE SPACE. Find out more at NIKON IMAGE SPACE.

[LEARN MORE ABOUT NIKON IMAGE SPACE](#)

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

² 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.

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

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Type: Compact digital camera

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 3x optical zoom

Focal length: 4.1 to 12.3 mm (angle of view equivalent to that of 30 to 90 mm lens in 35 mm [135] format)

F-number: f/3.3 to 5.9

Lens construction: 6 elements in 5 groups

Magnification: Up to 4× (angle of view equivalent to that of approx. 360 mm lens in 35 mm [135] format)

Vibration reduction: Electronic VR (movies)

Motion blur reduction: Electronic VR (still images)

Autofocus: 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)

AF-area mode:Center, face detection, target finding AF

Monitor:6.7 cm (2.7-in.) diagonal, Approx. 230k-dot, TFT LCD with anti-reflection coating and 5-level brightness adjustment

Frame coverage:Approx. 96% horizontal and vertical (compared to actual picture)

Frame coverage (playback mode) :Approx. 100% horizontal and vertical (compared to actual picture)

Storage media:SD, SDHC, SDXC, Internal memory (approx. 22 MB)

File system:DCF and Exif 2.3 compliant

Storage 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:ISO 125 to 1600

Exposure metering:Matrix, center-weighted (digital zoom less than 2x), spot (digital zoom 2x or more)

Exposure control: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:Electronically-controlled ND filter (–2 AV) selection

Aperture range:2 steps (f/3.3 and f/6.6 [W])

Built-in flash:Yes

Flash range (approx.) :[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.)

Flash control:TTL auto flash with monitor preflashes

USB:Micro-USB connector, Hi-Speed USB, (do not use any USB cable other than the UC-E21) Supports Direct Print (PictBridge)

HDMI output:HDMI micro connector (Type D)

Wi-Fi (Wireless LAN) standards:IEEE 802.11b/g (standard wireless LAN protocol)

Wi-Fi (Wireless LAN) operating frequency:2412 to 2462 MHz (1 to 11 channels)

Wi-Fi (Wireless LAN) security:Open system, WPA2-PSK

Bluetooth standards: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 [1](#) compliant with MIL-STD 810F Method 516.5-Shock

Supported languages: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 sources: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 life²: Approx. 220 shots when using EN-EL19

Actual battery life for movie recording²: Approx. 1 h 30 min when using EN-EL19³

Tripod socket: 1/4 (ISO 1222)

Dimensions (W x H x D) : 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)

Operating environment - 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)

Operating environment - humidity: 85% or less (no condensation)

Supplied accessories: Camera Strap, EN-EL19 Rechargeable Li-ion Battery, EH-73P Charging AC Adapter⁴, UC-E21 USB Cable, Brush

- 1. Dropped from a height of 1.8 m (5.9 ft) onto a surface of 5 cm (1 in.) thick plywood (changes in appearance, such as paint peeling off and deformation of the drop shock portion and waterproof performance are not subject to the test). These tests do not guarantee that the camera will be free from damage or trouble under all conditions.
- 2. 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.
- 3. 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.
- 4. 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.
- Nikon will not be held liable for any errors this manual may contain.
- The appearance of this product and its specifications are subject to change without notice.