



At the heart of the image

# I AM THE NIKON COOLPIX A900



## COOLPIX A900



### Included accessories



EN-EL12 Rechargeable Li-ion Battery



UC-E16 USB Cable



VIBRATION  
REDUCTION



20.3  
MEGAPIXEL



35x  
ZOOM



4K  
UHD VIDEO

## I AM FURTHER THAN YOU CAN SEE

If you love to travel or shoot cultural and sporting events, you will enjoy the exceptionally portable power of the COOLPIX A900. It boasts a NIKKOR 35x optical zoom lens, extendable to 70x Dynamic Fine Zoom<sup>1</sup>, for beautifully detailed stills and smooth 4K UHD movies, it has a 921k-dot tilting LCD screen, plus automatic and manual exposure mode controls and new Superlapse movies. Your results can be shared instantly with Nikon's LifeSharing<sup>2</sup> app.

### Key features:

- **Powerful NIKKOR optics in a super-sleek body.** A deceptively small camera body packs in the exceptional power of NIKKOR optics to capture crystal clear images and smooth movies.
- **High-performance vibration reduction (VR).** Even with a small camera body, your shots will be crisp and your movies smooth, thanks to high-performance vibration reduction's capacity to reduce camera shake even at full zoom.
- **20.3 megapixel backside illumination cmos image sensor.** With a high megapixel count ensuring outstanding performance and sharp shots with low noise.
- **4K UHD movie recording.** Switch to shooting exceptional quality 4K UHD movies (3840x2160/30p) with stereo sound at a single touch of the dedicated Movie record button.
- **SnapBridge:** SnapBridge maintains a constant, low-power connection between your Nikon A900 and up to five smart devices. You shoot. It syncs. You share your best shots. Easy.

<sup>1</sup> Magnification of Dynamic Fine Zoom is calculated from the maximum wide-angle position of optical zoom.

COOLPIX



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## TECHNICAL SPECIFICATIONS

Effective pixels	20.3 million (Image processing may reduce the number of effective pixels.)
Image sensor	1/2.3-in. type CMOS Total pixels: approx. 21.14 million
Lens	NIKKOR lens with 35 x optical zoom
Focal length	to 151 mm (angle of view equivalent to that of 24–840 mm lens in 35mm [135] format)
Maximum aperture	f/ 3.4 to 6.9
Construction	13 elements in 11 groups (4 ED lens elements)
Digital zoom magnification	Up to 4x (angle of view equivalent to that of approx. 3360 mm lens in 35mm [135] format)
Vibration reduction	Lens shift and electronic VR (movies)
Autofocus system	Contrast-detect AF
Focus range	[W]: Approx. 50 cm (1 ft 8 in.) to infinity [T]: Approx. 2 m (6 ft 7 in.) to infinity Macro mode: Approx. 1 cm (0.4 in.) to infinity (wide-angle position) (All distances measured from center of front surface of lens)
Focus-area selection	Face priority, center, manual with 99 focus areas, subject tracking, target finding AF, touch AF
Monitor size	7.5 cm (3 -in.) diagonal
Monitor resolution	Approx. 921 k-dot TFT LCD (RGBW) with anti-reflection coating, and 6-level brightness adjustment
Frame coverage (shooting mode)	Approx. 98% 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. ### MB)
File system	DCF and Exif 2.3 compliant
File formats	Still images: JPEG Movies: MP4 (Video: H.264/MPEG-4 AVC, Audio: AAC stereo)
Image size (pixels)	20M (High) [5184 x 3888 (High)] 20M [5184 x 3888] 8M [3648 x 2736] 4M [2272 x 1704] 2M [1600 x 1200] VGA [640 x 480] 16:9 15M [5184 x 2920] 1:1 [3888 x 3888]
ISO sensitivity (Standard output sensitivity)	ISO 80 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–+2.0 EV in steps of 1/3 EV)
Shutter type	Mechanical and CMOS electronic shutter

Shutter speed	1/2000 to 1 s 1/2000–8 s (when ISO sensitivity is fixed at ISO 80, 100 or 200 in S, A, or M mode) 1/4000 s (maximum speed during high-speed continuous shooting) 4 s (Fireworks show scene mode) 25 s (####)
Self-timer	Can be selected from 10 s, 5 s and 2 s
Aperture type	Electronically-controlled 3-blade iris diaphragm
Aperture range	7 steps of 1/6 EV (W) (A, M mode)
Built-in flash	Yes
Range (approx.) (ISO sensitivity: Auto)	[W]: 0.5–6.0 m (1 ft 8 in.–19 ft) [T]: 1.5–3.0 m (4 ft 12 in.–9 ft 10 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 for Micro-USB connector. 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	2412–2462 MHz (1–11 channels)
Security	OPEN/WPA2-PSK
Access protocols	Infrastructure
Bluetooth Communication protocols	Bluetooth Specification Version 4.1
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 Rechargeable Li-ion Battery EN-EL12 (included) AC Adapter EH-62F (available separately)
Charging time	Approx. 2 h 20 min (when using Charging AC Adapter EH-71P and when no charge remains)
Battery life of still shooting	Approx. 270 shots when using EN-EL12
Battery life of movies (actual battery life for recording)	Approx. 50 min (1080/30p) when using EN-EL12
Tripod socket	1/4 (ISO 1222)
Dimensions (WxHxD)	Approx. 113.0 x 66.5 x 39.9 mm (4.5 x 2.7 x 1.6 in.) (excluding projections)
Weight	Approx. 298 g (10.6 oz) (including battery and memory card)
Temperature	0°C to 40°C (32°F to 104°F)
Humidity	85% or less (no condensation)
Supplied Accessories	Rechargeable Li-ion Battery EN-EL12, Charging AC Adapter EH-71P *, USB Cable UC-E21, Camera Strap *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.



### Recommended accessories

MH-65  
Battery Charger

EH-62F  
AC Adapter

CS-P17  
Case

Unless otherwise stated, all figures assume a fully-charged battery and an ambient temperature of 23 ±3°C (73.4 ±5.4°F) as specified by the Camera and Imaging Products Association (CIPA).