

# Nikon 1 S1



Turn the pleasures of everyday life into extraordinary images with the Nikon 1 S1. From its smart design that lets you shoot intuitively to its advanced technology that allows you to grow as a photographer, the Nikon 1 S1 is everything a great camera should be.

Color Variation



## Advanced hybrid AF/ high-speed continuous shooting

When faced with a moving subject, rely on your Nikon 1's continuous shooting mode to deliver both high speed and sharp images. If the subject is in motion, the phase-detection AF works in tandem with continuous shooting mode, tracking the movement and keeping the subject in focus.

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### Intuitive control on the screen surface

The superb GUI (Graphic User Interface) of the Nikon 1 S1's LCD monitor allows you to operate on the screen through the rotating multi selector. The dual selector lets you choose from the five shooting modes quickly — it will display a simple explanation of each mode — then call up the feature menu for additional features related to the shooting mode you've selected.

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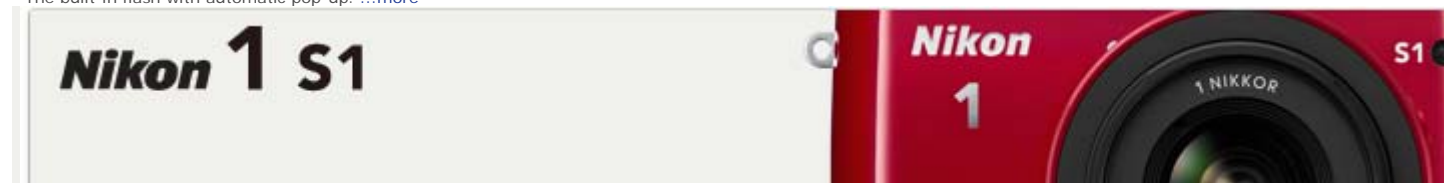


### More choice. More color to life.

Choose from an ample range of colors to suite your lifestyle and personality. The Nikon 1 S1 body comes in five distinct colors of black, pink, red, white, and khaki. The colors of the lenses match the body when purchased in a kit so you can enjoy a cool, unified look.

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- Never miss the perfect moment with slow view and Smart Photo Selector. (Best Moment Capture) ...[more](#)
- Experience the emotional combination of a still image and movie with the improved Motion Snapshot. ...[more](#)
- See the special effects with live image control before you shoot. ...[more](#)
- Creative mode lets you explore new ways of self-expression. ...[more](#)
- Further improved "EXPEED 3A" high-speed image-processing engine. ...[more](#)
- The built-in flash with automatic pop-up. ...[more](#)



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- [System](#)
- [Sample Images](#)

### Specifications

#### Type

Type of camera	Digital camera with support for interchangeable lenses
Lens mount	Nikon 1 mount
Effective angle of view	Approx. 2.7 x lens focal length (35 mm format equivalent)

Effective pixels	
Effective pixels	10.1 million
Image sensor	
Image sensor	13.2 mm x 8.8 mm CMOS sensor (Nikon CX format)
Storage	
Image size (pixels)	Still images (aspect ratio 3 : 2) 3872 x 2592 2896 x 1944 1936 x 1296 Still images (aspect ratio 16 : 9) 3840 x 2160 (Motion Snapshot mode or 1080/60i, 1080/30p selected in advanced movie mode) 1280 x 720 (720 / 60p, 720 / 30p selected in advanced movie mode)
File format	NEF (RAW): 12-bit, compressed JPEG: JPEG-Baseline compliant with fine (approx. 1 : 4), normal (approx. 1 : 8), or basic (approx. 1 : 16) compression
Picture Control system	Standard, Neutral, Vivid, Monochrome, Portrait, Landscape; selected Picture Control can be modified; storage for custom Picture Controls
Media	SD (Secure Digital), SDHC, and SDXC memory cards
File system	DCF (Design Rule for Camera File System) 2.0, DPOF (Digital Print Order Format), Exif (Exchangeable Image File Format for Digital Still Cameras) 2.3, PictBridge
Shooting modes	
Shooting modes	auto; creative, with a choice of the following options: P, S, A, M, night landscape, night portrait, backlighting, soft, miniature effect, and selective color; best moment capture (slow view and Smart Photo Selector), advanced movie (HD—P, S, A, M only—and slow motion), Motion Snapshot
Shutter	
Type	Electronic shutter
Speed	1/16,000 to 30 s in steps of 1/3 EV; Bulb

	Note: Bulb ends automatically after approximately 2 minutes
Flash sync speed	Synchronizes with shutter at X=1/60 s or slower
Release	
Modes	Single frame, continuous Self-timer
Frame advance rate	Approx. 5, 15, 30, or 60 fps
Self-timer	2 s, 5 s, 10 s
Exposure	
Metering	TTL metering using image sensor
Metering method	Matrix Center-weighted: Meters 4.5 mm circle in center of frame Spot: Meters 2 mm circle centered on selected focus area
Mode	P programmed auto with flexible program; S shutter priority auto; A aperture-priority auto; M manual; scene auto selector
Exposure compensation	-3 to +3 EV in increments of 1/3 EV
Exposure lock	Luminosity locked at metered value when shutter-release button is pressed halfway
ISO sensitivity (Recommended Exposure Index)	ISO 100-6400 in steps of 1 EV; auto ISO sensitivity control (ISO 100-6400, 100-3200, 100-800) available (user controlled in P, S, A, and M modes)
Active D-Lighting	On, off
Focus	
Autofocus	Hybrid autofocus (phase-detection/contrast-detect AF); AF-assist illuminator
Lens servo	Autofocus (AF): Single AF (AF-S); continuous AF (AF-C); auto AF-S/AF-C selection (AF-A); fulltime AF (AF-F) Manual focus (MF)

AF-area mode	Single-point, auto-area, subject tracking
Focus area	Single-point AF: 135 focus areas; the center 73 areas support phase-detection AF Auto-area AF: 41 focus areas
Focus lock	Focus can be locked by pressing shutter-release button halfway (single AF)
Face priority	On, off
Flash	
Built-in flash	Auto; Soft, Miniature effect, Selective color (Creative mode): Flash pops up automatically and fires as required Night portrait, Backlighting (Creative mode): Flash pops up automatically and fires with every shot P programmed auto, S shutter-priority auto, A aperture-priority auto, M manual (Creative mode): Manual pop-up
Guide Number (GN)	Approx. 5/16 (m/ft, ISO 100, 20 °C / 68 °F)
Control	i-TTL flash control using image sensor
Mode	Auto, auto + red-eye reduction, fill flash, fill flash + slow sync, red-eye reduction, red-eye reduction + slow sync, rear-curtain sync, rear curtain + slow sync, off
Flash compensation	-3 to +1 EV in increments of 1/3 EV
Flash-ready indicator	Lights when built-in flash unit is fully charged
White balance	
White balance	Auto, incandescent, fluorescent, direct sunlight, flash, cloudy, shade, underwater, preset manual, all except preset manual with fine tuning
Movie	
Metering	TTL metering using image sensor
Metering method	Matrix Center-weighted: Meters 4.5 mm circle in center of frame Spot: Meters 2 mm circle centered on selected focus area

Frame size (pixels)/ recording rate	<p>HD movies (aspect ratio 16 : 9)</p> <p>1920 x 1080 / 60 i (59.94 fields/s*)</p> <p>1920 x 1080 / 30 p (29.97 fps)</p> <p>1280 x 720 / 60 p (59.94 fps)</p> <p>1280 x 720 / 30 p (29.97 fps)</p> <p>Slow-motion movies (aspect ratio 8 : 3)</p> <p>640 x 240 / 400 fps (plays at 30 p / 29.97 fps)</p> <p>320 x 120 / 1200 fps (plays at 30 p / 29.97 fps)</p> <p>Motion Snapshot (aspect ratio 16 : 9)</p> <p>1280 x 720 / 60 p (59.94 fps) (plays at 24 p / 23.976 fps)</p>
File format	MOV
Video compression	H.264/MPEG-4 Advanced Video Coding
Audio recording format	AAC
Audio recording device	Built-in stereo microphone; sensitivity adjustable
Monitor	
Monitor	7.5 cm (3 in.), approx. 460 k-dot, TFT LCD with brightness adjustment
Playback	Full-frame and thumbnail (4, 9, or 72 images or calendar) playback with playback zoom, movie playback, slide show, histogram display, auto image rotation, and rating option
Interface	
USB	Hi-Speed USB
HDMI output	Type C mini-pin HDMI connector
Supported languages	Arabic, Bengali, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Persian, Polish, Portuguese (European and Brazilian), Romanian, Russian, Spanish, Swedish, Tamil, Thai, Turkish, Ukrainian, Vietnamese
Power source	

Battery	One rechargeable Li-ion EN-EL20 battery
AC adapter	EH-5b AC adapter; requires EP-5C power connector (available separately)
Tripod socket	1/4-in. (ISO 1222)
Dimensions/Weight	
Dimensions (W x H x D)	Approx. 102.0 x 60.5 x 29.7 mm (4.0 x 2.4 x 1.2 in.), excluding projections
Weight	Approx. 240 g (8.5 oz) with battery and memory card but without body cap; approx. 197 g (6.9 oz), camera body only
Operating environment	
Temperature	0 °C to 40 °C (+32 °F to 104 °F)
Humidity	85 % or less (no condensation)

- \* Sensor output is about 60 fps.
- Unless otherwise stated, all figures are for a camera with a fully charged battery operating at the temperature specified by the Camera and Imaging Products Association (CIPA): 23±3 °C (73.4±5.4 °F).
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