

▼ Type

Type	Compact Digital Camera
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▼ Image Sensor

Effective Pixels (Megapixels)	18.1 million
Image Sensor	CMOS
Sensor Size	1 / 2.3 in.
Total Pixels	18.91 million (approx.)
Image Size (pixels)	4896 x 3672

▼ Lens

Lens	14x optical Zoom, NIKKOR ED glass lens
Lens Focal Length	4.5-63.0mm (angle of view equivalent to that of 25-350mm lens in 35mm [135] format)
Lens f/-number	f/3.3-5.9
Lens Construction	11 elements in 10 groups (2 ED lens elements)
Lens Zoom	14 x
Digital Zoom	Up to 2x (angle of view equivalent to that of approx. 700mm lens in 35mm [135] format)
Vibration Reduction	Lens-shift VR
Motion Blur Reduction	Motion Detection (still pictures)
Aperture	Electronically controlled ND filter (-2.0 AV) insertion

▼ Autofocus

Autofocus (AF)	Contrast-detect AF
Autofocus (AF) Focus-area selection	Center Face detection Target Finding AF
Focus Range	[W]: Approx. 1 ft. 8 in. (50 cm.) to infinity [T]: Approx. 3 ft. 4 in. (1 m.) to infinity Macro close-up mode: [W]: Approx. 0.4 in. (1 cm.) to infinity
Focus Lock	Yes

▼ Monitor

Monitor Size	3.0 in. diagonal
Monitor Type	TFT-LCD with 5-level brightness adjustment
Monitor Resolution	460,000 -dots
Monitor Frame coverage (shooting mode)	96% horizontal (Approx.) 96% vertical (Approx.)
Monitor Frame coverage (playback mode)	96% horizontal (Approx.) 96% vertical (Approx.)

▼ File System

Storage Media	SD memory card SDHC memory card SDXC memory card
Internal Memory	Approx. 83 MB
Image compression	EXIF 2.3 DPOF compliant
Storage File formats	Still pictures: JPEG Movies: MOV (Video: MPEG-4 AVC/H.264, Audio: LPCM stereo)

▼ Movie

Movie	Full HD: 1920x1080p / 30fps Full HD: 1920x1080/ 25p Full HD: 1920x1080/ 60i Full HD: 1920x1080/ 50i HD: 1280x720p/ 30fps iFrame® 540: 960x540/ 30fps iFrame® 540/ 25p
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▼ Sensitivity

ISO Sensitivity	ISO 125 - 3200
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▼ Exposure

Exposure Metering	Matrix Center-weighted (digital zoom less than 2x) Spot (digital zoom 2X or more)
Exposure Control	Programmed auto exposure Exposure compensation (-2.0 to +2.0 EV in steps of 1/3 EV)
Exposure Modes	Programmed Auto
Scene Modes	Redlighting

Scene Modes	Backlighting
	Beach
	Black and White Copy
	Close Up
	Dusk/Dawn
	Easy Panorama
	Fireworks Show
	Food
	Landscape
	Museum
	Night Landscape
	Night Portrait
	Party/Indoor
	Pet Portrait
	Portrait
	Snow
	Sports
	Sunset
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In-Camera Image Editing	Crop
	D-Lighting
	Edit Movie
	Filter Effects
	Fisheye
	Miniature effect
	Monochrome
	Movie Footage Trim
	Paint
	Print Order
	Protect
	Quick Retouch
	Rotate Image
	Selective Color
	Skin Softening
	Slide Show
	Small Picture
	Soft
	Toy Camera
	Voice Memo
	Sequence display option
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Exposure Compensation	± 2 EV in steps of 1/3
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▼ White Balance	
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White Balance	Auto
	Cloudy
	Daylight
	Flash
	Fluorescent
	Incandescent
	Preset Manual
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▼ Shutter	
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Shutter	Mechanical and CMOS electronic shutter
Shutter Speed	1/1600-1 sec. (when ISO sensitivity set to Auto)
	1/4000 sec. (maximum speed during high-speed continuous shooting)
	4 sec. (when scene mode is set to Fireworks show)
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Top Continuous Shooting Speed at full resolution	Up to 6 shots at approx. 10 frames per second
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Continuous Shooting Options	Best Shot Selector
	Continuous H
	Continuous H 60
	Continuous H 120
	Continuous L

	Multi-shot 16 Single
Self-timer	10 sec (approx.)

▼ Flash

Built-in flash Range (approx.) (ISO sensitivity: Auto)	[W]: 0.5 to 5.0m (1ft. 8 in. to 16 ft.) [T]: 1.0 to 3.0m (3 ft. 4 in. to 9 ft. 10 in.)
Built-in Flash Control	TTL auto flash with monitor preflashes
Built-in Flash	Yes

▼ Interface

Voice Memo Function	Yes
Interface	Hi-speed USB
Interface Data transfer protocol	MTP PTP
Video Output	NTSC PAL
HDMI Output	Can be selected from: Auto 480p 720p,
I/O terminal	Audio/video (A/V) output; Digital I/O (USB) HDMI micro connector (Type D) (HDMI output)

▼ Supported Languages

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 Portugese (European and Brazilian) Romanian Russian
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Russian
Serbian
Spanish
Swedish
Tamil
Thai
Turkish
Ukrainian
Vietnamese

▼ Power

Power Sources	4 AA-size batteries Two rechargeable EN-MH2 NiMH batteries
Battery / Batteries	AA (Alkaline, NiMH, Oxide or Lithium)
Battery Life (shots per charge)	AA Alkaline: 150 shots AA Lithium: 660 shots EN-MH2: 410 shots

▼ Miscellaneous

Tripod Socket	¼ in.
Approx. Dimensions (Width x Height x Depth)	4.3 in. (108.3 mm) x 2.8 in. (68.7 mm) x 1.4 in. (34.1 mm) <i>Excluding projections. Method of noting dimensions and weight is in accordance with CIPA DCG-005-2009 guideline.</i>
Approx. Weight	8.4 oz. (237 g) <i>With battery and SD memory card. Method of noting dimensions and weight is in accordance with CIPA DCG-005-2009 guideline.</i>
Operating environment	Temperature: 0 to 40°C (32 to 104°F) Humidity: 85% or less (no condensation)
Battery Life (Movies)	Approx. 10 min when using alkaline batteries Approx. 1h 25 min when using lithium batteries Approx. 55 min when using EN-MH2 batteries
Battery	AA (Alkaline, NiMH, Oxide or Lithium)