

Collapse all specs	
▼ Type	
Type	Compact Digital Camera
▼ Image Sensor	
Effective Pixels (Megapixels)	20.1 million
Image Sensor	CCD
Sensor Size	1 / 2.3 in.
Total Pixels	20.48 million (approx.)
Image Size (pixels)	5152 x 3864
▼ Lens	
Lens Focal Length	4.6-23.0mm (angle of view equivalent to that of 26-130mm lens in 35mm [135] format)
Lens f/-number	f/3.2-6.5
Lens Construction	6 elements in 5 groups
Lens Zoom	5 x
Digital Zoom	Up to 4x (angle of view equivalent to that of approx. 520mm lens in 35mm [135] format)
Motion Blur Reduction	Electronic VR (still pictures) Motion Detection (still pictures)
Aperture	Electronically controlled ND filter (-2.6 AV) insertion
▼ Autofocus	
Autofocus (AF)	Contrast-detect AF
Autofocus (AF) Focus-area selection	Center Face priority
Focus Range	[W]: Approx. 1 ft. 8 in. (50 cm.) to infinity [T]: Approx. 2 ft. 8 in. (80 cm.) to infinity Macro close-up mode: [W]: Approx. 4 in. (10 cm.) to infinity
Focus Lock	Yes
Maximum Autofocus Areas/Points	9 area automatic selection
▼ Monitor	
Monitor Size	3.0 in. diagonal
Monitor Type	TFT-LCD with 5-level brightness adjustment
Monitor Resolution	230,000 -dots
Monitor Frame coverage (shooting mode)	98% horizontal (Approx.) 98% vertical (Approx.)
Monitor Frame coverage (playback mode)	98% horizontal (Approx.) 98% vertical (Approx.)

▼ File System

Storage Media	SD memory card SDHC memory card SDXC memory card
Internal Memory	Approx. 27 MB
Storage File System	DCF EXIF 2.3 DPOF compliant
Storage File formats	Still pictures: JPEG Movies: AVI (Motion-JPEG compliant)

▼ Movie

Movie	AVI (video: Motion-JPEG, audio: monaural PCM (22.050 kHz, 16 bits) HD: 1280x720p/ 30fps QVGA 320x240/ 30p VGA: 640x480
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▼ Sensitivity

ISO Sensitivity	ISO 80 - 1600 Fixed range auto (ISO 80-400, 80-800)
Lowest ISO Sensitivity	80
Highest ISO Sensitivity	1600

▼ Exposure

Exposure Metering	Matrix Center-weighted (digital zoom less than 2x) Spot (digital zoom 2X or more)
Exposure Control	Programmed auto exposure (shutter speed, ND filter selection and ISO sensitivity)
Exposure Modes	Programmed Auto
Scene Modes	Backlighting Beach Black and White Copy Close Up Dusk/Dawn Fireworks Show Food Landscape Museum Night Landscape Panorāma Assist Party/Indoor Pet Portrait Portrait Snow Sports Sunset
In-Camera Image Editing	Crop D-Lighting Skin Softening Small Picture
Exposure Compensation	± 2 EV in steps of 1/3

▼ White Balance

White Balance	Auto Cloudy Daylight
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	Flash Fluorescent Incandescent Preset Manual
▼ Shutter	
Shutter	Mechanical and charge-coupled electronic shutter
Shutter Speed	1/2000-1 sec. 4 sec. (when scene mode is set to Fireworks show)
Top Continuous Shooting Speed at full resolution	Up to 6 shots at approx. 1.1 frames per second
Continuous Shooting Options	Best Shot Selector Continuous Multi-shot 16 Single
Self-timer	10 sec (approx.)
▼ Built-in flash	
Built-in flash Range (approx.) (ISO sensitivity: Auto)	[W]: 0.5 to 4.3m (1ft. 8 in. to 14 ft. 4 in.) [T]: 0.8 to 2.1m (2 ft. 8 in. to 6 ft. 10 in.)
Built-in Flash Control	TTL auto flash with monitor preflashes
▼ Interface	
Voice Memo Function	No
Interface	Hi-speed USB
Interface Data transfer protocol	MTP PTP
Video Output	NTSC PAL
▼ Supported Languages	
Supported Languages	Arabic 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 Spanish Swedish Tamil Telugu Thai Turkish Ukranian Vietnamese

▼ Power

Power Sources	AC Adapter EH-65A (available separately) Two rechargeable EN-MH2 NiMH batteries (available separately)
Battery / Batteries	AA (Alkaline, NiMH, Oxyride or Lithium) Two LR6/L40 (AA-size) alkaline batteries or Two FR6/L91 (AA-size) lithium batteries
Battery Life (shots per charge)	AA Alkaline: 280 shots AA Lithium: 890 shots EN-MH2: Based on Camera and Imaging Products Association (CIPA) standards for measuring the life of camera batteries. Measured at 23(-/+2)°C (73(-/+4)°F); zoom adjusted with each shot, flash fired with every other shot, image quality set to Normal, image size set to 5152 x 3864 (20.1MP). Battery life may vary depending on shooting interval and length of time menus and images are displayed. shots

▼ Miscellaneous

Tripod Socket	¼ in.
Approx. Dimensions (Width x Height x Depth)	3.8 in. (95.4 mm) x 2.4 in. (59.8 mm) x 1.2 in. (29 mm) <i>Excluding projections. Method of noting dimensions and weight is in accordance with CIPA DCG-005-2009 guideline.</i>
Approx. Weight	5.8 oz. (164 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	Humidity: Less than 85% (no condensation) Temperature: 0 to 40°C (32 to 104°F)