

▼ Type

Type	Compact Digital Camera
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▼ Image Sensor

Effective Pixels	16.0 million
Image Sensor	CMOS
Sensor Size	1/2.3 in.
Total Pixels	16.76 million (approx.)
Image Size (pixels)	4608 x 3456 (16M)

▼ Lens

Lens	5x optical Zoom, NIKKOR glass lens
Lens Focal Length	4.3-21.5mm (angle of view equivalent to that of 24-120mm lens in 35mm [135] format)
Lens f/-number	f/2.8-4.9
Lens Construction	12 elements in 10 groups
Lens Zoom	5x
Digital Zoom	Up to 4x (angle of view equivalent to that of approx. 480mm lens in 35mm [135] format)
Vibration Reduction	Lens-shift and Electronic VR (movies)
Aperture	Electronically-controlled preset aperture (–1 AV) and ND filter (–2 AV) selections

▼ Autofocus

Autofocus (AF)	Contrast-detect AF
Autofocus (AF) Focus-area selection	Center Face priority Manual with 99 focus areas Subject tracking Target Finding AF
Focus Range	[W]: Approx. 1 ft. 8 in. (50 cm.) to infinity [T]: Approx. 1 ft. 8 in. (50 cm.) to infinity Macro mode: Approx. 0.4 in. (1 cm.) to infinity (wide-angle position) (All distances measured from center of front surface of lens)
Focus Lock	Yes

▼ Monitor

Monitor Size	3.0 in. diagonal
Monitor Type	OLED with Anti-reflection coating

	6-level brightness adjustment
<b>Monitor Resolution</b>	921,000-dots
<b>Monitor Frame coverage (shooting mode)</b>	98% horizontal (Approx.) 98% vertical (Approx.) (compared to actual picture)
<b>Monitor Frame coverage (playback mode)</b>	100% horizontal (Approx.) 100% vertical (Approx.) (compared to actual picture)
<b>▼ File System</b>	
<b>Storage Media</b>	SD memory card SDHC memory card SDXC memory card
<b>Internal Memory</b>	Approx. 473MB
<b>Storage File System</b>	DCF EXIF 2.3 compliant
<b>Storage File formats</b>	Still pictures: JPEG Movies: MOV (Video: MPEG-4 AVC/H.264, Audio: LPCM stereo)
<b>▼ Movie</b>	
<b>Movie</b>	Full HD: 1920x1080/ 30p Full HD: 1920x1080/ 25p Full HD: 1920x1080/ 60i Full HD: 1920x1080/ 50i HD: 1280x720/ 30p HD: 1280x720/ 25p HS 1920x1080/ 15p HS 1920x1080/ 12.5p VGA 640x480/ 30p VGA 640x480/ 25p HS 640x480/ 100p HS 640x480/ 120p
<b>▼ Sensitivity</b>	
<b>ISO Sensitivity</b>	ISO 125-1600 ISO 3200, 6400 (available when using Auto mode)
<b>Lowest ISO Sensitivity</b>	100
<b>Highest ISO Sensitivity</b>	6400
<b>▼ Exposure</b>	
<b>Exposure Metering</b>	Matrix Center-weighted (digital zoom less than 2x) Spot (digital zoom 2X or more)
<b>Exposure Control</b>	Programmed auto exposure exposure compensation (-2.0 to +2.0 EV in steps of 1/3 EV) 3 steps (f/2.8, f/4.1 and f/5.6 [W])
<b>Exposure Modes</b>	Auto Scene

	Scene Auto Selector Short Movie Show Smart Portrait Special Effects
<b>Scene Modes</b>	Backlighting Beach Black and White Copy Close Up Dusk/Dawn Easy Panorama Fireworks Show Food Landscape Night Landscape Night Portrait Party/Indoor Pet Portrait Portrait Scene Auto Selector Snow Sports Sunset Underwater
<b>In-Camera Image Editing</b>	Crop D-Lighting Glamour Retouch Quick Retouch Red eye reduction Small Picture
<b>Exposure Compensation</b>	± 2 EV in steps of 1/3
▼ White Balance	
<b>White Balance</b>	Auto Cloudy Daylight Flash Fluorescent Incandescent White Balance Preset
▼ Shutter	
<b>Shutter</b>	Mechanical and CMOS electronic shutter
<b>Shutter Speed</b>	1/1500-1 sec. 1/4000 sec. (maximum speed during high-speed continuous shooting) 4 sec. (when scene mode is set to Fireworks show)
<b>Top Continuous Shooting Speed at full resolution</b>	Up to 5 shots at approx. 7 frames per second
<b>Continuous Shooting Options</b>	Continuous H Continuous H 60 Continuous H 120 Continuous L Pre-shooting cache Single
<b>Self-timer</b>	Can be selected from 10 or 2 seconds duration
▼ Flash	

<b>Built-in flash Range (approx.) (ISO sensitivity: Auto)</b>	[W]: 0.5 to 5.2m (1 ft. 8 in. to 17 ft.) [T]: 0.5 to 4.5m (1 ft. 8 in. to 14 ft.)
<b>Built-in Flash Control</b>	TTL auto flash with monitor preflashes
<b>Built-in Flash</b>	Yes

#### ▼ Interface

<b>Interface</b>	Hi-speed USB
<b>Interface Data transfer protocol</b>	MTP PTP
<b>HDMI Output</b>	HDMI micro connector (Type D)
<b>I/O terminal</b>	Digital I/O (USB)
<b>Wi-Fi Functionality</b>	Yes
<b>GPS</b>	Yes (Built-in)

#### ▼ Supported Languages

<b>Supported Languages</b>	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 Serbian Spanish Swedish Tamil Telugu Thai Turkish Ukranian Vietnamese
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#### ▼ Power

<b>Power Sources</b>	One Rechargeable Li-ion Battery EN-EL12 (supplied) AC Adapter EH-62F (available separately)
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<b>Charging Time</b>	2 hours 20 minutes (when using Charging AC Adapter EH-71P and when no charge remains) (Approx.)
<b>Battery / Batteries</b>	Rechargeable Li-ion Battery EN-EL12
<b>Battery Life (shots per charge)</b>	<p>Still pictures*: Approx. 370 shots</p> <p>Movies: Approx. 1 hour 10 minutes (1080/30p)</p> <p>*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 4608 x 3456 (16M). Battery life may vary depending on shooting interval and length of time menus and images are displayed.</p>
<b>▼ Miscellaneous</b>	
<b>Tripod Socket</b>	¼ in. (ISO 1222)
<b>Approx. Dimensions (Width x Height x Depth)</b>	4.4 in. (110.4 mm) x 2.6 in. (66.0 mm) x 1.1 in. (26.8 mm) <i>excluding projections</i>
<b>Approx. Weight</b>	7.8 oz. (221 g) <i>with battery and SD memory card</i>
<b>Operating environment</b>	<p>Temperature: -10 to +40°C (14 to 104°F ) for land use</p> <p>Temperature: 0 to 40°C (32 to 104°F) for underwater use</p>
<b>Waterproof</b>	Yes
<b>Shockproof</b>	Yes