

▼ Type

Type	Compact Digital Camera
------	------------------------

▼ Image Sensor

Effective Pixels (Megapixels)	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	20x optical Zoom-NIKKOR ED glass lens
Lens f/-number	f/3.4-6.5
Lens Construction	12 elements in 10 groups
Lens Zoom	20 x
Digital Zoom	Up to 4x (angle of view equivalent to that of approx. 2,000mm lens in 35mm [135] format)
Vibration Reduction	Combination of Lens-shift VR Electronic VR
Aperture	Electronically controlled ND filter (-2.0 AV) insertion
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	Approx. 1 ft. (30 cm.) to infinity [T]: Approx. 6.7 ft. (2 m.) to infinity Macro mode: Approx. 0.4 in. (1 cm) (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	TFT-LCD with Anti-reflection coating 5-level brightness adjustment
Monitor Resolution	460,000 -dots
Monitor Frame coverage (shooting mode)	98% horizontal (Approx.) 98% vertical (Approx.) (compared to actual picture)
Monitor Frame coverage (playback mode)	100% horizontal (Approx.)

Monitor Frame Coverage (Playback mode)		100% horizontal (Approx.) 100% vertical (Approx.) (compared to actual picture)
▼ File System		
Storage Media		SD memory card SDHC memory card SDXC memory card
Internal Memory		Approx. 20 MB
Storage File System		DCF EXIF 2.3 compliant
Storage File formats		Still pictures: JPEG Movies: MOV (Video: MPEG-4 AVC/H.264, Audio: LPCM stereo)
▼ Movie		
Movie		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
▼ Sensitivity		
ISO Sensitivity		ISO 125 - 1600 ISO 3200, 6400 (available when using Auto mode)
Lowest ISO Sensitivity		100
Highest ISO Sensitivity		6400
▼ Exposure		
Exposure Metering		Matrix Center-weighted Spot
Exposure Control		Programmed auto exposure Exposure compensation (-2.0 to +2.0 EV in steps of 1/3 EV)
Exposure Modes		Auto Scene Scene Auto Selector Short Movie Show Special Effects
Scene Modes		Backlighting Beach 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 Time Lapse Movie

In-Camera Image Editing	Crop D-Lighting Filter Effects Glamour Retouch Quick Retouch Red-eye Correction Small Picture
Exposure Compensation	± 2 EV in steps of 1/3
▼ White Balance	
White Balance	Auto Cloudy Daylight Flash Fluorescent Incandescent White Balance Preset
▼ Shutter	
Shutter	Mechanical and CMOS electronic shutter
Shutter Speed	1/1500-1 sec. (when the aperture value is set to f/5.6-8 at the wide-angle position) 1/4000 sec. (maximum speed during high-speed continuous shooting) 4 sec. (when scene mode is set to Fireworks show)
Top Continuous Shooting Speed at full resolution	Up to 7 shots at approx. 9.2 frames per second
Continuous Shooting Options	Best Shot Selector Continuous H Continuous H 60 Continuous H 120 Continuous L Interval Timer Pre-shooting cache Single
Self-timer	Can be selected from 10 or 2 seconds duration
▼ Flash	
Built-in flash Range (approx.) (ISO sensitivity: Auto)	[W]: 0.5 to 5.7m (1 ft. 8 in. to 18 ft.) [T]: 1.5 to 3.2m (5 ft. to 10 ft.)
Built-in Flash Control	TTL auto flash with monitor preflashes
Built-in Flash	Yes
▼ Interface	
Interface	Hi-speed USB
Interface Data transfer protocol	MTP PTP
HDMI Output	HDMI micro connector (Type D)
I/O terminal	Digital I/O (USB)
Wi-Fi Functionality	Yes
. . . ~ ~	
Supported Languages	Arabic Bengali Bulgarian Chinese (Simplified and Traditional) Czech Danish

	Arabic
	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

▼ Power

Power Sources	One Rechargeable Li-ion Battery EN-EL19 (supplied)
Charging Time	Approx 1 hr 50 min (when using Charging AC Adapter EH-71P and when no charge remains) (Approx.)
Battery / Batteries	Rechargeable Li-ion Battery EN-EL19
Battery Life (shots per charge)	Still pictures*: Approx. 210 shots *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. Movies: Approx. 40 minutes

▼ Miscellaneous

Tripod Socket	¼ in. (ISO 1222)
Approx. Dimensions (Width x Height x Depth)	4.0 in. (98.8 mm) x 2.4 in. (60.0 mm) x 1.1 in. (27.4 mm) <i>excluding projections</i>
Approx. Weight	5.9 oz. (165 g) <i>with battery and SD memory card</i>
Operating environment	Temperature: 0 to 40°C (32 to 104°F)