

Specifications

Type of Camera	
Type	Compact digital still camera with built-in flash, 25x Optical, 4x Digital and 100x Combined Zoom with Optical Image Stabilizer
Image Capture Device	
Type	20.2 Megapixel*, 1/2.3-inch CMOS * Image processing may cause a decrease in the number of pixels.
Total Pixels	Approx. 21.1 Megapixels
Effective Pixels	Approx. 20.2 Megapixels
Lens	
Focal Length	4.5 (W) – 112.5 (T) mm (35mm film equivalent: 25–625mm)
Optical Zoom	25x
Digital Zoom	4x
Focusing Range	Auto: 0.4 in. (1.0cm) – infinity (W), 3.3 ft. (1.0m) – infinity (T) Normal: 2.0 in. (5.0cm) – infinity (W), 3.3 ft. (1.0m) – infinity (T) Macro: 0.4 in. – 1.6 ft. (1.0–50.0cm) (W) Infinity: 9.8 ft. (3.0m) – infinity (W), 9.8 ft. (3.0m) – infinity (T)
Autofocus System	TTL Autofocus
Viewfinder & Monitor	
Viewfinder	N/A
LCD Monitor	3.0-inch TFT Color LCD with wide viewing angle (4:3)
LCD Pixels	Approx. 922,000 dots
LCD Coverage	Approx. 100%
Aperture & Shutter	
Maximum Aperture	f/3.2 (W), f/6.6 (T)
Shutter Speed	1–1/2000 sec. 15–1/2000 sec. (in all shooting modes)
Exposure Control	
ISO Sensitivity	Auto: ISO 80–1600 P: ISO 80–3200
Light Metering Method	Evaluative, Center Weighted Average, Spot
Exposure Compensation	Still Images: ±2 stops in 1/3-stop increments
White Balance	
White Balance Control	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
Flash	
Built-in Flash	Auto, On, Slow Synchro, Off

Flash Range	1.6–13.0 ft. (W), 3.3–6.6 ft. (T) 50.0cm – 4.0m (W), 1.0–2.0m (T)
Shooting Specifications	
Shooting Modes	P, Hybrid Auto, Auto, Creative Shot, Portrait, Smile, Wink Self-timer, Face Self-timer, High-speed Burst, Handheld Night Scene, Low Light, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Fireworks, Long Shutter
My Colors	My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color
Self Timer	Off/2 sec./10 sec./Custom
Wireless Control	Built-in Wi-Fi® and NFC
Continuous Shooting	Normal Continuous Shooting in Auto/P modes: Approx. 2.5 shots/sec. Normal Continuous High-speed Burst mode: Approx. 7.1 shots/sec. • Speed varies depending on the subject, zoom position and other shooting factors, as well as memory card brands. • Under lighting conditions where flash does not fire automatically. • Excluding RAW and RAW+JPEG. • Until memory card becomes full.
Image Storage	
Storage Media	SD/SDHC/SDXC Memory Cards
File Format	Design rule for Camera File system (DCF) compliant; DPOF (Version 1.1) compatible
Image Compression	Superfine/Fine
JPEG Compression Mode	Still Image: : EXIF 2.3 (JPEG) Video: MP4 (Image: MPEG-4 AVC/H.264; Audio: MPEG-4 AAC-LC (Monaural))
Number of Recording Pixels	Still Images: 1) 16:9 – Large: 5184 x 2912; Medium 1: 3648 x 2048; Medium 2: 1920 x 1080; Small: 640 x 360 2) 3:2 – Large: 5184 x 3456; Medium 1: 3648 x 2432; Medium 2: 2048 x 1368; Small: 640 x 424 3) 4:3 – Large: 5184 x 3888; Medium 1: 3648 x 2736; Medium 2: 2048 x 1536; Medium: 2592 x 1944; Small: 640 x 480 4) 1:1 – Large: 3888 x 3888; Medium 1: 2736 x 2736; Medium 2: 1536 x 1536; Small: 480 x 480 Videos: Full HD 1920 x 1280: 29.97 fps HD 1280 x 720: 29.97 fps 640 x 480: 29.97 fps

Approx. Number of Shots Recordable to 16GB Memory Card

		16:9	3:2	4:3	1:1
Large	SF	2358	1991	1766	2347
	F	3950	3350	2980	3950
Medium 1 (M1)	SF	4717	3982	3546	4717
	F	7965	6656	5925	7837
Medium 2 (M2)	SF	13497	10563	9344	12459
	F	24296	18689	16755	22087
Medium	F	–	–	10798	–
Small	SF	69418	60741	53992	69418
	F	97186	80988	80988	97186

Note: SF=Superfine, F=Fine

Total Movie Time Recordable to Memory Card

- The values in the table are based on Canon measurement conditions and may change depending on the subject, memory card and camera settings.
- After Low-level formatting.

Shooting Mode	Pixels	Frame Rate/ Video System	Recording Time per 16 GB Memory Card (Approx.)	Single Clip Recording Time (Approx.) ^{*1}	Movie Size (KB/sec.)	Video Recording Bit Rate
When Movie button is pressed in Auto	Full HD (1920 x 1080)	29.97 fps	1 hr. 8 min. 34 sec.	29 min. 59 sec.	3742	Approx. 30 Mbps
	HD (1280 x 720)	29.97 fps	3 hr. 58 min. 1 sec.	29 min. 59 sec.	1056	Approx. 8 Mbps
	VGA (640 x 480)	29.97 fps	8 hr. 25 min. 48 sec.	1 hr.	450	Approx. 3 Mbps

^{*1} Using an SD Speed Class 10/UHS-I compatible memory card

- Recording stops automatically once the file size reaches 4 GB or the memory card becomes full.
- Recording may stop unexpectedly if a memory card with a low Speed Class is used.

Playback Specifications	
Playback Modes File	Smart Shuffle, Group Playback, List/Play Digest Movies, Story Highlights, Protect, Favorites, Erase, Slideshow, Rotate, Album Playback, i-Contrast, Resize, Cropping, Red-Eye Correction, My Colors, Photobook Set-up, Scroll Display, Group Images, Auto Rotate, Resume, Transition Effect
Interfaces	
Video Out	HDMI (Type D)
Audio Out	Monaural
Other	Hi-Speed USB (Micro); direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
Power Supply	
Power Source	Battery Pack NB-13L
Shooting Capacity	Approx. 295 shots Approx. 405 shots in ECO Mode Video Recording Time (CIPA compliant): Approx. 1 hr. 5 min. Video Recording Time (Continuous Shooting): Approx. 1 hr. 45 min.
Playback Time	Approx. 6 hr.
Physical Specifications	
Operating Temperature	32–104°F/0–40°C
Operating Humidity	10–90%
Dimensions (W x H x D)	3.81 x 2.24 x 1.10 in./96.9 x 56.9 x 27.9mm
Weight	6.42 oz./182g (CIPA standard) 5.57 oz./158g (Body only)