



Specifications

Type of Camera		
Туре	Compact digital still camera with built-in flash, 12x Optical, 4x Digital and 48x Combined Zoom with Optical Image Stabilizer	
Image Capture Device		
Туре	20.2 Megapixel, 1/2.3-inch CMOS	
Total Pixels	Approx. 21.1 Megapixels	
Effective Pixels	Approx. 20.2 Megapixels* *Image processing may cause a decrease in the number of pixels.	
Lens		
Focal Length	4.5 (W) – 54.0 (T) mm (35mm film equivalent: 25–300mm)	
Optical Zoom	12x	
Digital Zoom	4x	
Focusing Range	Normal: 2.0 in. (5.0cm) – infinity (W), 3.3 ft. (1.0m) – infinity (T) Auto: 0.4 in. (1.0cm) – infinity (W), 3.3 ft. (1.0m) – infinity (T) Macro: 0.4 in. – 1.6 ft. (1–50cm) (W) Infinity: 9.8 ft. (3.0m) – infinity (W), 9.8 ft. (3.0m) – infinity (T)	
Autofocus System	TTL Autofocus	
Viewfinder & Monitor		
Viewfinder	Not available	
LCD Monitor	3.0-inch TFT Color LCD with wide viewing angle (4:3)	
LCD Pixels	Approx. 461,000 dots	
LCD Coverage	Approx. 100%	
Aperture & Shutter		
Maximum Aperture	f/3.6 (W), f/7.0 (T)	
Shutter Speed	1–1/2000 sec. 15–1 sec. (in Long Shutter Mode)	
Exposure Control		
ISO Sensitivity	Auto, 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	

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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 Modes	P, Hybrid Auto, Auto, Creative Shot, Portrait, Smile, Wink Self-Timer, Face Self-Timer, High-Speed Bu Handheld Night Scene, Low Light, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrom 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^^		
	Normal Continuous Shooting in Auto/P modes: Approx. 2.5 shots/sec. Normal Continuous High-speed Burst mode: Approx. 7.2 shots/sec.		
Continuous Shooting	 Under lighting conditions where flash does not fire automatically. Excluding RAW and RAW+JPEG. Until memory card becomes full. 		
Storage Media	microSDXC/ microSDHC/ micro SD		
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		

[^] Compatible with iOS versions 7.1/8.4/9.0, Android smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.

 $[^]$ Compatible with Android smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1.

Approx. Number of Shots Recordable to 16 GB 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
	Full HD (1920 x 1080)	29.97 fps	1 hr. 8 min. 34 sec.	29 min. 59 sec.	3742	Approx. 30 Mbps
When Movie button is pressed in Auto	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

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

[•] Recording may stop unexpectedly if a memory card with a low Speed Class is used.

Playback Specification	Playback Specifications			
Playback Modes File	List/Play Digest Movies, 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	Interfaces			
Video Out	NTSC/PAL			
Audio Out	Monaural			
Other	Hi-Speed USB (Mini-B), HDMI (Type D); direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers			
Power Supply				
Power Source	Battery Pack NB-11LH			
Shooting Capacity	Approx. 180 shots Approx. 265 shots in ECO Mode Video Recording Time: Approx. 40 min.			
Playback Time	Approx. 4 hr.			
Physical Specificatio	Physical Specifications			
Operating Temperature	32-104°F/0-40°C			
Operating Humidity	10-90%			
Dimensions (W x H x D)	3.92 x 2.28 x 0.90 in. / 99.6 x 58.0 x 22.8mm			
Weight	5.15 oz. / 146g (CIPA standard) 4.59 oz. / 130g (Body only)			

[•] Recording stops automatically once the file size reaches 4 GB or the memory card becomes full.