

[Specifications]

Type of Camera	
Type	Compact digital still camera with built-in flash, 12x Optical, 4x Digital and 48x Combined Zoom with Optical Image Stabilizer
Image Capture Device	
Type	20.2 Megapixel, 1/2.3-inch CMOS
Total Pixels	Approx. 21.1 Megapixels
Effective Pixels	Approx. 20.2 Megapixels
Lens	
Focal Length	4.5 (W) – 54.0 (T) mm (35mm film equivalent: 25–300mm)
Digital Zoom	4.0x
Focusing Range	Auto: 0.4 in. (1cm) – infinity (W), 3.3 ft. (1m) – infinity (T) Normal: 2.0 in. (5cm) – infinity (W), 3.3 ft. (1 m) – infinity (T) Macro: 0.4 in. – 1.6 ft. (1–50cm) (W) Infinity: 9.8 ft. (3m) – infinity (W,T)
Autofocus System	TTL Autofocus
Viewfinder & Monitor	
Viewfinder	Not available
LCD Monitor	3.0-inch TFT Color LCD with wide viewing angle
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. (Long Shutter Mode)
Exposure Control	
ISO Sensitivity	Auto, ISO 80–1600 In P Mode: Max ISO: 3200
Light Metering Method	Evaluative*, Center-weighted average, Spot** * Facial brightness is evaluated in Face Detection AF ** Metering frame is fixed to the center
Exposure Control Method	Manual Exposure, AE Lock
Exposure Compensation	Still Images: ±2 stops in 1/3-stop increments Videos: ±2 stops in 1/3-stop increments (not available during shooting)
White Balance	
White Balance Control	Auto*, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom * Camera automatically sets the optimal ISO speed according to shooting mode.
Flash	
Built-in Flash	Auto, Flash On, Slow Synchro, Flash Off • Facial brightness is also evaluated in Face Detect.
Flash Range	1.6 ft. – 13 ft. (W), 3.3 ft. – 6.6 ft. (T) (50cm – 4.0m (W), (1.0m – 2.0m (T)) Image brightness may diminish depending on the shooting distance
Recycling Time	10 sec. or less (battery voltage: 3.7 V)
Flash Exposure Compensation	Not available
Shooting Specifications	
Shooting Modes	Auto, Hybrid Auto, P, Creative Shot ¹ , Portrait, Smart Shutter ² , High-Speed Burst, Handheld Night Scene, Low Light, Fisheye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, Long Shutter ¹ Auto, Retro, Monochrome, Special and Natural effects ² Smile, Wink Self-timer, Face Self-timer • Shooting movies is possible with the movie button

Photo Effects	My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color * *Adjustment of contrast sharpness, saturation, red, green, blue and skin tone are available
Self-Timer	Approx. 10-sec. delay/approx. 2-sec. delay/custom* *Delay time (0–15 sec. (in one-second increments), 20/25/30 sec.) and number of shots (1–10 shots (in one-shot increments)) can be specified.
Wireless Control	Built-in Wi-Fi® and NFC
Continuous Shooting	Normal: Approx. 2.6 shots/sec. (in P mode)
Image Storage	
Storage Media	SD Memory Card, SDHC Memory Card, SDXC Memory Card
File Format	Design rule for Camera File system, DPOF (Version 1.1) compliant
Image Compression	Superfine / Fine
JPEG Compression Mode	Still Image: Exif. 2.3 (JPEG) Video: MP4 (Image: 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; 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 * Medium: 2592 x 1944 (High-Speed Burst and Low Light) Videos: Full HD 1920 x 1280: 30 fps (29.97) HD 1280 x 720: 30 fps (29.97) Miniature Effect HD 1280 x 720: 6 fps / 3 fps / 1.5 fps Miniature Effect 640 x 480: 6 fps / 3 fps / 1.5 fps 640 x 480: 30 fps (29.97)

Number of Recordable Images

		16:9		3:2		4:3		1:1	
		File Size (KB)	16GB	File Size (KB)	16GB	File Size (KB)	16GB	File Size (KB)	16GB
Large (L)	SF	7156	2159	8286	1868	9201	1680	6901	2238
	F	4483	3421	5114	3017	5633	2729	4225	3625
Medium 1 (M1)	SF	3847	3982	4361	3520	4785	3217	3589	4262
	F	2524	6073	2790	5459	3018	5061	2264	6748
Medium 2 (M2)	SF	1095	13497	1440	10563	1602	9344	1213	12459
	F	604	24296	793	18689	893	16755	668	22087
Small (S)	SF	188	69418	221	60741	249	53992	188	69418
	F	113	97186	133	80988	150	80988	113	97186
Medium*(M)	F	N/A				1839	8235	N/A	

Note: SF=Superfine F=Fine

* In High Speed Burst or Low Light

Time of Recordable Videos

Shooting Mode	Pixels	Frame Rate		Movie Size (KB)	Approx. Total Movie Time Recordable to 16GB Memory Card	Single Clip Approx. Recording Time * ¹	Video Recording Bit Rate
		Shooting	Playback				
Other than below	Full HD (1920 x 1080)	30 fps * ²	30 fps * ²	3742	1 hr. 08 min. 34 sec.	29 min. 59 sec.	Approx. 30 Mbps
	HD (1280 x 720)	30 fps * ²	30 fps * ²	1056	3 hr. 58 min. 01 sec.	29 min. 59 sec.	Approx. 8 Mbps
	VGA (640 x 480)	30 fps * ²	30 fps * ²	450	8 hr. 25 min. 48 sec.	1 hr.	Approx. 3 Mbps
Miniature Effect	HD (1280 x 720)	6 fps (5x speed)	30 fps * ²	205	20 hr. 15 min. 51 sec.	29 min. 59 sec.	—
		3 fps (10x Speed)	30 fps * ²	102	39 hr. 03 min. 42 sec.	29 min. 59 sec.	—
		1.5 fps (20x speed)	30 fps * ²	51	72 hr. 32 min. 36 sec.	29 min. 59 sec.	—
	VGA (640 x 480)	6 fps (5x speed)	30 fps * ²	84	46 hr. 54 min. 59 sec.	1 hr.	—
		3 fps (10x Speed)	30 fps * ²	42	86 hr. 19 min. 35 sec.	1 hr.	—
		1.5 fps (20x speed)	30 fps * ²	21	148 hr. 50 min. 20 sec.	1 hr.	—

*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.

*² Actual frame rate is 29.97 fps.

Playback Specifications	
Playback Modes File	<p>Stills & Videos: Auto Rotate (Automatic vertical/horizontal detection), Image Advance (Transition Effects, Scroll Display), Rotate, Favorites, Smart Shuffle, Group Playback, Slideshow (Repeat, Interval, Effect)</p> <p>Still Images: Single, Index (6–100 thumbnails), Magnification (2–10x), Information Display, Red-eye Correction, i-Contrast, Resize, My Colors, Histogram, Overexposure Warning</p> <p>Videos: Normal Playback *¹, Skip Backward *², Previous Frame *³, Next Frame *³, Skip Forward *²</p> <ul style="list-style-type: none"> • Displays playback position and shooting time <p>*¹ Audio settings available in 5 levels *² Approximately 4 seconds *³ Slow motion available</p>
Erasing Specifications	
Erase Mode	<p>Select Image, Select Range, Select All Images</p> <ul style="list-style-type: none"> • The image data in the memory card stored with the Design rule for Camera File systems

	format can be erased (however, protected images cannot be erased). • Using the Movie editing function, sections of the movie can be deleted.
Interfaces	
Video Out	NTSC/PAL (dedicated connector (female) with unified type of digital, audio and video)
Audio Out	Monaural (dedicated connector (female) with unified type of digital, audio and video)
Other	SD memory card slot; direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
Power Supply	
Power Source	Battery Pack NB-11L/NB-11LH, AC Adapter Kit ACK-90
Shooting Capacity	Approx. 185 shots Approx. 250 shots in ECO Mode
Playback Time	Approx. 4 hours
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	5.19 oz. / 147g (CIPA standard) 4.59 oz. / 130g (Body only)

[Supplies & Accessories]



AC Adapter Kit ACK-DC90



AV Cable AVC-DC400



Battery Pack NB-11L



Battery Pack NB-11LH



Battery Charger CB-2LF



Battery Charger CB-2LD



Deluxe Leather Case PSC-3200



High Power Flash HF-DC2



Metal Neck Strap 1



USB Interface Cable IFC-400PCU



Deluxe Soft Case PSC-600
