

## [Specifications]

<b>Type of Camera</b>	
<b>Type</b>	Compact digital still camera with built-in flash, 18x Optical, 4x Digital and 72x Combined Zoom with Optical Image Stabilizer
<b>Image Capture Device</b>	
<b>Type</b>	20.2 Megapixel, 1/2.3-inch CMOS
<b>Total Pixels</b>	Approx. 21.1 Megapixels
<b>Effective Pixels</b>	Approx. 20.2 Megapixels* *Image processing may cause a decrease in the number of pixels.
<b>Lens</b>	
<b>Focal Length</b>	4.5 (W) – 81.0 (T) mm (35mm film equivalent: 25–450mm)
<b>Digital Zoom</b>	4.0x
<b>Focusing Range</b>	Normal/Auto: 2.0 in. (5cm) – infinity (W), 3.3 ft. (1m) – infinity (T) Macro: 2.0 in. – 1.6 ft. (5–50cm) (W) Infinity: 9.8 ft. (3m) – infinity (W, T)
<b>Autofocus System</b>	TTL Autofocus
<b>Viewfinder &amp; Monitor</b>	
<b>Viewfinder</b>	Not available
<b>LCD Monitor</b>	3.0-inch TFT Color LCD with wide viewing angle (4:3)
<b>LCD Pixels</b>	Approx. 922,000 dots
<b>LCD Coverage</b>	Approx. 100%
<b>Aperture &amp; Shutter</b>	
<b>Maximum Aperture</b>	f/3.8 (W), f/6.9 (T)
<b>Shutter Speed</b>	1–1/2000sec. 15–1 sec. (Long Shutter mode)
<b>Exposure Control</b>	
<b>ISO Sensitivity</b>	Auto, ISO 80–3200
<b>Light Metering Method</b>	Evaluative*, Center-weighted average, Spot** * Facial brightness is evaluated in Face Detection AF ** Metering frame is fixed to the center
<b>Exposure Control Method</b>	Not Available
<b>Exposure Compensation</b>	Still Images: ±2 stops in 1/3-stop increments Videos: ±2 stops in 1/3-stop increments (not available during shooting)
<b>White Balance</b>	
<b>White Balance Control</b>	Auto*, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom * Camera automatically sets the optimal ISO speed according to shooting mode.
<b>Flash</b>	
<b>Built-in Flash</b>	Auto, Flash On, Slow Synchro, Flash Off • Facial brightness is also evaluated in Face Detect.
<b>Flash Range</b>	1.6 ft. – 11 ft. (W), 3.3 – 6.6 ft. (T) (50cm – 3.5m (W), (1.0m – 2.0m (T))  Image brightness may diminish depending on the shooting distance
<b>Recycling Time</b>	10 sec. or less (battery voltage: 3.7 V)
<b>Flash Exposure Compensation</b>	Not Available

<b>Shooting Specifications</b>	
<b>Shooting Modes</b>	<p>Auto, Hybrid Auto, P, Creative Shot<sup>1</sup>, Portrait, Smart Shutter<sup>2</sup>, High-Speed Burst, Handheld Night Scene, Low Light, Fisheye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, Long Shutter</p> <p>*<sup>1</sup> Auto, Retro, Monochrome, Special and Natural effects  *<sup>2</sup> Smile, Wink Self-timer, Face Self-timer  • Shooting movies is possible with the movie button</p>
<b>Photo Effects</b>	<p>My Colors Off, Vivid, Neutral, Sepia, Black &amp; White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color *</p> <p>*Adjustment of contrast sharpness, saturation, red, green, blue and skin tone are available</p>
<b>Self-Timer</b>	<p>Approx. 10-sec. delay/approx. 2-sec. delay/custom*</p> <p>*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.</p>
<b>Wireless Connectivity</b>	Wi-Fi™ and NFC
<b>Continuous Shooting</b>	<p>Normal: Approx. 2.5 shots/sec. (in Auto/P mode)  Approx. 7.2 shots/sec. (in High Speed Burst mode)</p>
<b>Image Storage</b>	
<b>Storage Media</b>	SD Memory Card, SDHC Memory Card, SDXC Memory Card
<b>File Format</b>	Design rule for Camera File system, DPOF (Version 1.1) compliant
<b>Image Compression</b>	Superfine / Fine
<b>JPEG Compression Mode</b>	<p>Still Image: Exif. 2.3 (JPEG)  Video: MP4 (Image: H.264; Audio: MPEG-4 AAC-LC (Monaural))</p>
<b>Number of Recording Pixels</b>	<p>Still Images:</p> <p>1) 16:9 – Large: 5184 x 2912; Medium 1: 3648 x 2048; Medium 2: 1920 x 1080; Small: 640 x 360</p> <p>2) 3:2 – Large: 5184 x 3456; Medium 1: 3648 x 2432; Medium 2: 2048 x 1368; Small: 640 x 424</p> <p>3) 4:3 – Large: 5184 x 3888; Medium 1: 3648 x 2736; Medium 2: 2048 x 1536; Small: 640 x 480</p> <p>4) 1:1 – Large: 3888 x 3888; Medium 1: 2736 x 2736; Medium 2: 1536 x 1536; Small: 480 x 480</p> <p>5) Medium: 2592 x 1944 (High-Speed Burst and Low Light)</p> <p>Videos:</p> <p>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)</p>

### 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)	16GB	Single Clip Approx. Recording Time* <sup>1</sup>	Video Recording Bit Rate
		Shooting	Playback				
Other than below	Full HD (1920 x 1080)	30 fps* <sup>2</sup>	30 fps* <sup>2</sup>	3742	1 hr. 08 min. 34 sec.	29 min. 59 sec.	Approx. 30 Mbps
	HD (1280 x 720)	30 fps* <sup>2</sup>	30 fps* <sup>2</sup>	1056	3 hr. 58 min. 01 sec.	29 min. 59 sec.	Approx. 8 Mbps.
	VGA (640 x 80)	30 fps* <sup>2</sup>	30 fps* <sup>2</sup>	450	8 hr. 25 min. 48 sec.	1 hr.	Approx. 3 Mbps
Miniature Effect	HD (1280 x 720)	6 fps (5x speed)	30 fps* <sup>2</sup>	205	20 hr. 15 min. 51 sec.	29 min. 59 sec.	—
		3 fps (10x Speed)	30 fps* <sup>2</sup>	102	39 hr. 3 min. 42 sec.	29 min. 59 sec.	—
		1.5 fps (20x speed)	30 fps* <sup>2</sup>	51	72 hr. 32 min. 36 sec.	29 min. 59 sec.	—
	VGA (640 x 480)	6 fps (5x speed)	30 fps* <sup>2</sup>	84	46 hr. 54 min. 59 sec.	1 hr.	—
		3 fps (10x Speed)	30 fps* <sup>2</sup>	42	86 hr. 19 min. 35 sec.	1 hr.	—
		1.5 fps (20x speed)	30 fps* <sup>2</sup>	21	148 hr. 50 min. 20 sec.	1 hr.	—

\*<sup>1</sup> 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.

\*<sup>2</sup> Actual frame rate is 29.97 fps.

<b>Playback Specifications</b>	
<b>Playback Modes File</b>	<p>Stills &amp; 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, Cropping</p> <p>Videos: Normal Playback <sup>*1</sup>, Skip Backward <sup>*2</sup>, Previous Frame <sup>*3</sup>, Next Frame <sup>*3</sup>, Skip Forward <sup>*2</sup></p> <ul style="list-style-type: none"> <li>• Displays playback position and shooting time</li> </ul> <p>*1 Audio settings available in 5 levels *2 Approximately 4 seconds *3 Slow motion available</p>
<b>Erasing Specifications</b>	
<b>Erase Mode</b>	<p>Select Image, Select Range, Select All Images</p> <ul style="list-style-type: none"> <li>• 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).</li> <li>• Using the Movie editing function, sections of the movie can be deleted.</li> </ul>
<b>Interfaces</b>	
<b>Video Out</b>	Analog: NTSC or PAL, Digital: HDMI (HDMI™ micro connector)
<b>Audio Out</b>	Monaural (dedicated connector (female) with unified type of digital, audio and video)
<b>Other</b>	SD memory card slot; direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
<b>Power Supply</b>	
<b>Power Source</b>	Battery Pack NB-6L/NB-6LH, AC Adapter Kit ACK-DC40
<b>Shooting Capacity</b>	Approx. 270 shots Approx. 400 shots in ECO Mode
<b>Playback Time</b>	Approx. 5 hours
<b>Physical Specifications</b>	
<b>Operating Temperature</b>	32–104°F/0–40°C
<b>Operating Humidity</b>	10–90%
<b>Dimensions (W x H x D)</b>	4.15 x 2.40 x 1.05 in. / 105.3 x 61.0 x 26.7mm
<b>Weight</b>	6.74 oz. / 191g (CIPA standard) 5.89 oz. / 167g (Body only)

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## [Supplies & Accessories]



**AC Adapter Kit ACK-DC40**



**AV Cable AVC-DC400**



**Battery Pack NB-6L**



**Battery Pack NB-6LH**



**Battery Charger CB-2LY**



**Deluxe Leather Case PSC-3200**



**Deluxe Soft Case PSC-3300**



**High Power Flash HF-DC2**



**Interface Cable IFC-400PCU**