



PowerShot ELPH 180

Specifications

Type of Camera	
Type	Compact digital still camera with built-in flash, 8x Optical, 4x Digital and 32x Combined Zoom with Digital IS
Image Capture Device	
Type	20.0 Megapixel, 1/2.3-inch CCD
Total Pixels	Approx. 20.5 Megapixels
Effective Pixels	Approx. 20.0 Megapixels* * Image processing may cause a decrease in the number of pixels.
Lens	
Focal Length	5.0 (W) – 40.0 (T) mm (35mm film equivalent: 28–224mm)
Optical Zoom	8x
Digital Zoom	4x
Focusing Range	Normal: 2.0 in. (5.0cm) – infinity (W), 4.3 ft. (1.3m) – infinity (T) Auto: 0.4 in. (1.0cm) – infinity (W), 4.3 ft. (1.3m) – 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	2.7-inch TFT Color LCD with wide viewing angle (4:3)
LCD Pixels	Approx. 230,000 dots
LCD Coverage	Approx. 100%
Aperture & Shutter	
Maximum Aperture	f/3.2 (W), f/6.9 (T)
Shutter Speed	1–1/2000 sec. 15–1 sec. (in Long Shutter Mode)
Exposure Control	
ISO Sensitivity	Auto, ISO 100–1600
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	1.6–9.8 ft. (W), 4.3–4.9 ft. (T) 50.0cm – 3.0m (W), 1.3–1.5m (T)

Shooting Specifications	
Shooting Modes	P, Auto, Digital IS, Portrait, Face Self-Timer, Low Light, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Fireworks, Long Shutter
Self Timer	Off / 2 sec. / 10 sec. / Custom
Continuous Shooting	<p>Normal Continuous Shooting in Auto/P modes: Approx. 0.8 shots/sec. Normal Continuous Shooting Low Light mode: Approx. 2.2 shots/sec.</p> <ul style="list-style-type: none"> • 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 and Eye-Fi Memory Cards FlashAir compatible
File Format	Design rule for Camera File system (DCF) compliant; DPOF (Version 1.1) compatible
Image Compression	Fine
JPEG Compression Mode	Still Image: Exif. 2.3 (JPEG) Video: MOV (Image: H.264; Audio: Linear PCM (Monaural))
Number of Recording Pixels	<p>Still Images: Large: 5152 x 3864 Medium 1 (M1): 3648 x 2736 Medium 2 (M2): 2048 x 1536 Medium: 2560 x 1920 Small: 640 x 480 Wide: 5152 x 2896</p> <p>Videos: HD 1280 x 720: 25.00 fps 640 x 480: 29.97 fps</p>

Approx. Number of Shots Recordable to 16 GB Memory Card

Large	F	3017
Medium 1 (M1)	F	5925
Medium 2 (M2)	F	16755
Medium	F	10798
Small	F	80988
Wide	F	4015

Note: 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	HD (1280 x 720)	25.00 fps	2 hr. 21 min. 58 sec.	29 min. 59 sec.	1781	Approx. 15 Mbps
	VGA (640 x 480)	29.97 fps	6 hr. 44 min. 38 sec.	1 hr.	607	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	Protect, Erase, Slideshow, Rotate, i-Contrast, Resize, Red-Eye Correction, Photobook Set-up, Auto Rotate, Resume
Interfaces	
Video Out	NTSC/PAL
Audio Out	Monaural
Other	Hi-Speed USB (Mini-B); direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
Power Supply	
Power Source	Battery Pack NB-11L
Shooting Capacity	Approx. 220 shots Approx. 300 shots in ECO Mode Video Recording Time: Approx. 55 min.
Playback Time	Approx. 4 hr.
Physical Specifications	
Operating Temperature	32-104°F/0-40°C
Operating Humidity	10-90%
Dimensions (W x H x D)	3.75 x 2.14 x 0.87 in. / 95.2 x 54.3 x 22.1mm
Weight	4.44 oz. / 126g (CIPA standard) 3.92 oz. / 111g (Body only)