



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) |