### Image Sensor
- **Type**: 1/2.3 type CCD
- **Effective Pixels**: Approx. 20.0M [14]
- **Effective / Total Pixels**: Approx. 20.5M
- **Colour Filter Type**: Primary Colour

### Image Processor
- **Type**: DIGIC 4+ with iSAPS technology

### Lens
- **Focal Length**: 5.0 – 40.0 mm (35 mm equivalent: 28 – 224 mm)
- **Zoom**: Optical 8x
  - ZoomPlus 1.6x Digital approx. 4x
- **Maximum f/number**: 1/3.2 – 1/6.9
- **Construction**: 8 elements in 7 groups
  - (1 double-sided aspherical lens)
- **Image Stabilisation**: Digital (Digital IS Mode)

### Focusing
- **Type**: TTL
- **AF System/ Points**: AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
- **AF Modes**: Single, Continuous (Auto mode only), Servo AF/AE, Tracking AF [6]
- **AF Assist Beam**: Yes
- **Closest Focusing Distance**: 1 cm (W) from front of lens in Macro

### Exposure Control
- **Metering modes**: Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)
- **AE Lock**: Yes
- **Exposure Compensation**: +/- 2 EV in 1/3 stop increments
  - Enhanced i-Contrast for automatic dynamic range correction
- **ISO sensitivity**: AUTO, 100, 200, 400, 800, 1600

### Shutter
- **Speed**: 1 – 1/2000 s (factory default)
  - 15 – 1/2000 s (total range – varies by shooting mode)

### White Balance
- **Type**: TTL
- **Settings**: Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent-H, Custom

### Colour Matrix
- **Type**: sRGB

### LCD Monitor
- **Monitor**: 6.8 cm (2.7”) LCD (TFT), approx. 230,000 dots
- **Brightness**: Adjustable to one of five levels, Quick-bright LCD

### Flash
- **Modes**: Auto, Manual Flash On / Off, Slow Synchro
- **Slow Sync Speed**: Yes, Fastest speed 1/2000 s
- **Red Eye Reduction**: Yes
- **Flash Expose**: Face Detection FE, Smart Flash Exposure
- **Compensation**: Built-in Flash Range
- **External Flash**: 50 cm – 3.0 m (W) / 1.3 – 1.5 m (T)
- **Built-in Flash Range**: Canon High Power Flash HF-DC2

### Shooting
- **Modes**: Smart Auto (32 scenes detected), P, Portrait, FaceSelf-Timer, Low Light (5.0 MP), Digital IS, Fish-eye Effect, Miniature, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Fireworks
- **Modes in Movie**: Smart Auto (21 scenes detected), P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Fireworks
- **Drive modes**: Continuous, Single
- **Continuous Shooting**: Approx. 0.8 shots/s
  - Low Light Mode (5.0 MP): Approx. 2.2 shots/s
  - (all speeds are until memory card becomes full) [3] [4]

### Recording Pixels / Compression
- **Image Size**: 4:3 - (L) 5152 x 3864, (M1) 3648 x 2736, (M2) 2048 x 1536, (S) 640 x 480, (W) 5152 x 2896
  - Resize option available in playback
- **Compression**: Fine
- **Movies**: (HD) 1280 x 720, 25 fps, (L) 640 x 480, 29.97 fps
  - MicroVideo (HD) 5 fps, 2.5 fps, 1.25 fps
  - MicroVideo Effect [3]: 6 fps, 3 fps, 1.5 fps
- **Movie Length**: (HD) Up to 4 GB or 29 min 59 s [7]
  - (1 up to 4 GB or 1 hour [4]

### File Types
- **Still Image Type**: JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format (DPOF) Version 1.1 compliant
- **Movies**: MOV [Video: H.264, Audio: Linear PCM (monaural)]

### Direct Print
- **Canon Printers**: Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge
- **PictBridge**: Yes

### Other Features
- **Red Eye Correction**: Yes
- **Intelligent Orientation Sensor**: Yes, with Auto Rotate
- **Histogram**: Yes, during playback
- **Playback zoom**: Approx. 2x – 10x
- **Self Timer**: Approx. 2, 10 s or Custom
- **Menu Languages**: English, German, French, Dutch, Danish, Finnish, Italian, Greek, Norwegian, Portuguese, Russian, Swedish, Spanish, Ukrainian, Polish, Czech, Hungarian, Turkish, Simplified Chinese, Chinese (traditional), Japanese, Korean, Thai, Arabic, Romanian, Farsi, Hindi, Malay, Indonesian, Vietnamese, Hebrew

### Interface
- **Computer**: Hi-Speed USB composite connector (Mini-8 compatible)
- **Other**: A/V output, composite connector (PAL/NTSC)

### Memory Card
<table>
<thead>
<tr>
<th>Type</th>
<th>SD, SDHC, SDXC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUPPORTED OPERATING SYSTEM</strong></td>
<td></td>
</tr>
<tr>
<td>PC &amp; Macintosh</td>
<td>Windows 10 / 8.1 / 8 / 7 SP1 [18]</td>
</tr>
<tr>
<td></td>
<td>Mac OS X 10.9 / 10.10 / 10.11</td>
</tr>
<tr>
<td><strong>SOFTWARE</strong></td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>CameraWindow DC</td>
</tr>
<tr>
<td><strong>POWER SOURCE</strong></td>
<td>Batteries</td>
</tr>
<tr>
<td></td>
<td>Rechargeable Li-ion Battery NB-11L / NB-11LH (NB-11L battery and charger supplied)</td>
</tr>
<tr>
<td></td>
<td>Battery life</td>
</tr>
<tr>
<td></td>
<td>Approx. 220 shots</td>
</tr>
<tr>
<td></td>
<td>Eco Mode: Approx. 300 shots</td>
</tr>
<tr>
<td></td>
<td>Playback Mode: Approx. 240 min</td>
</tr>
<tr>
<td><strong>ACCESSORIES</strong></td>
<td>Cases / Straps</td>
</tr>
<tr>
<td></td>
<td>Soft Case DCC-1320</td>
</tr>
<tr>
<td></td>
<td>Soft Case DCC-1350</td>
</tr>
<tr>
<td></td>
<td>Soft Case DCC-1370</td>
</tr>
<tr>
<td></td>
<td>Flash</td>
</tr>
<tr>
<td></td>
<td>Canon High Power Flash HF-DC2</td>
</tr>
<tr>
<td></td>
<td>Power Supply &amp; Battery</td>
</tr>
<tr>
<td></td>
<td>Battery Charger CB-2LFE / CB-2LDE</td>
</tr>
<tr>
<td></td>
<td>Rechargeable Li-ion Battery NB-11L / NB-11LH</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>Canon AV Cable AVC-DC400</td>
</tr>
<tr>
<td></td>
<td>Interface cable IFC-400PCU</td>
</tr>
<tr>
<td><strong>PHYSICAL SPECIFICATIONS</strong></td>
<td>Operating Environment</td>
</tr>
<tr>
<td></td>
<td>0 – 40 °C, 10 – 90% humidity</td>
</tr>
<tr>
<td></td>
<td>Dimensions (WxHxD)</td>
</tr>
<tr>
<td></td>
<td>95.2 x 54.3 x 22.1 mm</td>
</tr>
<tr>
<td></td>
<td>Weight</td>
</tr>
<tr>
<td></td>
<td>Approx. 126 g (including battery and memory card)</td>
</tr>
</tbody>
</table>

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated. Subject to change without notice.

[1] Depending on the image size selected.
[2] Under conditions where the flash does not fire.
[5] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. (iFrame) 1280 x 720 Speed Class 6 or above.
[6] Image processing may cause a decrease in the number of pixels.