

| DIGITAL CAMERA            | PowerShot N  |  |
|---------------------------|--|--|
| <b>IMAGE SENSOR</b>       |  |  |
| Type                      | 1/2.3 type back-illuminated CMOS   |  |
| Effective Pixels          | Approx. 12.1 M   |  |
| Colour Filter Type        | Primary Colour   |  |
| <b>IMAGE PROCESSOR</b>    |  |  |
| Type                      | DIGIC 5 with iSAPS technology  |  |
| <b>LENS</b>               |  |  |
| Focal Length              | 5.0 – 40.0 mm (35 mm equivalent: 28 – 224 mm)  |  |
| Zoom                      | Optical 8x<br>ZoomPlus 16x<br>Digital Approx. 4x[1].<br>Combined Approx. 32x   |  |
| Maximum f/number          | f/3.0 – f/5.9  |  |
| Construction              | 8 elements in 7 groups (1 double-sided aspherical lens, 1 single-sided aspherical UA lens, 1 single-sided aspherical lens)                   |  |
| Image Stabilisation       | Yes (lens shift-type), Approx. 3.5-stop (Canon standard). Intelligent IS   |  |
| <b>FOCUSING</b>           |  |  |
| Type                      | TTL  |  |
| AF System/ Points         | AiAF (9-point, Face Detection or Touch AF)   |  |
| AF Modes                  | Continuous, Servo AF/AE(in Auto mode), Touch AF  |  |
| AF Assist Beam            | Yes  |  |
| Closest Focusing Distance | 1 cm (W) from front of lens in macro   |  |
| <b>EXPOSURE CONTROL</b>   |  |  |
| Metering modes            | Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (Touch AF frame)   |  |
| Exposure Compensation     | +/- 2 EV in 1/3 stop increments.<br>i-Contrast for automatic dynamic range correction  |  |
| ISO sensitivity [3]       | AUTO, 80, 100, 200, 400, 800, 1600, 3200, 6400   |  |
| <b>SHUTTER</b>            |  |  |
| Speed                     | 1 – 1/2000 sec. (factory default)<br>1 – 1/2000 sec. (total range – varies by shooting mode)   |  |
| <b>WHITE BALANCE</b>      |  |  |
| Type                      | TTL  |  |
| Settings                  | Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H.  |  |
| <b>LCD MONITOR</b>        |  |  |
| Monitor                   | Tilt type 7.1 cm (2.8”) PureColor II G Touch screen LCD (TFT). Approx. 461,000 dots. Capacitive type   |  |
| Coverage                  | Approx. 100%   |  |
| Brightness                | Adjustable to one of five levels   |  |
| <b>FLASH</b>              |  |  |
| Modes                     | Auto, Manual Flash On / Off, Slow Synchro  |  |
| Slow Sync Speed           | Yes. Fastest speed 1/2000 sec.   |  |
| Built-in Flash Range      | 50 cm – 90 cm (W)  |  |
| <b>SHOOTING</b>           |  |  |
| Modes                     | Smart Auto (58 scenes detected), Hybrid Auto, P, Creative Shot, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Soft Focus, Monochrome |  |
| Modes in Movie            | Smart Auto (21 scenes detected), P, Miniature Effect, Monochrome, Super Slow Motion Movie  |  |
| Drive modes               | Single, Auto Drive, Continuous, Self-Timer   |  |
| Continuous Shooting       | Approx. 2.3 shots/sec. (until memory card becomes full)[7]   |  |

| RECORDING PIXELS / COMPRESSION |  |   |
|--------------------------------|--|---|
| Image Size                     |  | 4:3 - (L) 4000 x 3000, (M1) 2816 x 2112, (M2) 1600 x 1200, (S) 640 x 480<br>16:9 - (L) 4000 x 2248, (M1) 2816 x 1584, (M2) 1920 x 1080, (S) 640 x 360<br>3:2 - (L) 4000 x 2664, (M1) 2816 x 1880, (M2) 1600 x 1064, (S) 640 x 424<br>1:1 - (L) 2992 x 2992, (M1) 2112 x 2112, (M2) 1200 x 1200, (S) 480 x 480 |
| Compression Movies             |  | Superfine, Fine<br>(Full HD) 1920 x 1080, 24 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps  |
| Movie Length                   |  | Super Slow Motion Movie (L) 640 x 480, 120fps, (M) 320 x 240, 240fps<br>Miniature Effect (HD, L) 6fps, 3fps, 1.5 fps<br>(Full HD & HD) Up to 4 GB or 10 min. 00 sec. [11]<br>(L) Up to 4 GB or 1 hour [7]<br>(Super Slow Motion Movie) 30 sec.  |
| 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 [H.264 + Linear PCM (monaural)]   |
| DIRECT PRINT                   |  |   |
| Canon Printers                 |  | Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)  |
| PictBridge                     |  | Yes (via USB or Wireless LAN)   |
| OTHER FEATURES                 |  |   |
| GPS                            |  | GPS via mobile (linked to compatible smartphone)  |
| Red-Eye Correction             |  | Yes, during playback  |
| Intelligent Orientation Sensor |  | Yes   |
| Playback zoom                  |  | Approx. 2x – 10x  |
| Self Timer                     |  | Approx. 2 or 10 sec.  |
| Menu Languages                 |  | English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi, Malaysian, Indonesian, Vietnamese                |
| INTERFACE                      |  |   |
| Computer                       |  | Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)   |
| Computer/Other                 |  | Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only) [15]  |
| MEMORY CARD                    |  |   |
| Type                           |  | microSD, microSDHC, microSDXC   |
| SUPPORTED OPERATING SYSTEM     |  |   |
| PC & Macintosh                 |  | Windows 8 / 7 SP1 / Vista SP2 / XP SP3<br>Mac OS X v10.6 – 10.8<br><br>For Wi-Fi connection to a PC:<br>Windows 8 / 7 SP1<br>Mac OS X v10.6.8 / v10.7 / v10.8.2 or later  |

| SOFTWARE                |                                 |  |
|-------------------------|---------------------------------|--|
|                         | Browsing & Printing             | ImageBrowser EX  |
|                         | Other                           | CameraWindow<br>PhotoStitch  |
| POWER SOURCE            |                                 |  |
|                         | Batteries                       | Rechargeable Li-ion Battery NB-9L (battery and charger supplied)                                   |
|                         | Battery life                    | Approx. 200 shots [8]<br>Eco Mode: Approx. 280 shots [8]<br>Approx. 240 min. playback              |
|                         | A/C Power Supply                | Optional, AC adapter kit ACK-DC70  |
| ACCESSORIES             |                                 |  |
|                         | Cases / Straps                  | Quickshot Case and Neckstrap DCC-2000<br>PowerShot N Neckstrap Fashion<br>PowerShot N Neck Classic |
|                         | Power Supply & Battery Chargers | AC Adapter kit ACK-DC70, Compact Power Adapter CA-DC30E (USB), Battery Charger CB-2LBE             |
| PHYSICAL SPECIFICATIONS |                                 |  |
|                         | Operating Environment           | 0 – 40 °C (5 - 40 °C when using CA-DC30E), 10 – 90% humidity                                       |
|                         | Dimensions (WxHxD)              | 78.6 x 60.2 x 29.3 mm  |
|                         | Weight                          | Approx. 195 g (including battery/batteries and memory card)  |

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.

[3] Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.

[7] Depending on memory card speed / capacity / compression setting.

[8] Using the batteries and memory card format supplied with the camera (where included), except where indicated.

[11] 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.

[15] Wi-Fi use may be restricted in certain countries or regions. Wi-Fi support varies by device and region. For more information visit [www.canon-europe.com/wirelesscompacts](http://www.canon-europe.com/wirelesscompacts)