

DIGITAL CAMERA		PowerShot A1400
IMAGE SENSOR		
Type	1/2.3 type CCD	
Effective Pixels	Approx. 16.0M	
Colour Filter Type	Primary Colour	
IMAGE PROCESSOR		
Type	DIGIC 4 with iSAPS technology	
LENS		
Focal Length	5.0 – 25.0 mm (35 mm equivalent: 28 – 140 mm)	
Zoom	Optical 5x ZoomPlus 10x Digital Approx. 4x. Combined Approx. 20x [1][2]	
Maximum f/number	f/2.8 – f/6.9	
Construction	6 elements in 5 groups (1 double-sided aspherical lens, 1 double-sided aspherical UA lens)	
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[10], Tracking AF[10]	
AF Point Selection	Size (Normal, Small)	
AF Lock	On/Off Selectable	
AF Assist Beam	Yes	
Closest Focusing Distance	3 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	On/Off Selectable	
Exposure Compensation	+/- 2 EV in 1/3 stop increments. Enhanced i-Contrast for automatic dynamic range correction	
ISO sensitivity [3]	AUTO, 100, 200, 400, 800, 1600	
SHUTTER		
Speed	1 – 1/2000 sec. (factory default) 15 – 1/2000 sec. (total range – varies by shooting mode)	
WHITE BALANCE		
Type	TTL	
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	
VIEWFINDER		
Viewfinder	Real-image zoom, optical viewfinder	
LCD MONITOR		
Monitor	6.8 cm (2.7") TFT, Approx. 230,000 dots	
Coverage	Approx. 100%	
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 sec.
Red-Eye Reduction	Yes
Flash Exposure Compensation	Face Detection FE, Smart Flash Exposure
Flash Exposure Lock	Yes
Built-in Flash Range	50 cm – 3.0 m (W) / 1.0 – 2.0 m (T)
External Flash	Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2
SHOOTING	
Modes	Smart Auto (32 scenes detected), P, Live View Control, Digital IS, Portrait, FaceSelf-Timer, Low Light (4.0MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, Long Shutter
Modes in Movie	P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks
Drive modes	Single, Continuous, Self-Timer
Continuous Shooting	Approx. 0.8 shots/sec.[6] (until memory card becomes full) [7]
RECORDING PIXELS / COMPRESSION	
Image Size	(L) 4608 x 3456, (M1) 3264 x 2448, (M2) 1600 x 1200, (S) 640 x 480, (W) 4608 x 2592. Resize in playback (M2, S, 320 x 240)
Compression	Fine
Movies	(HD) 1280 x 720, 25 fps, (L) 640 x 480, 30 fps
Movie Length	Miniature Effect (HD (5, 2.5, 1.25 fps) or L (6, 3, 1.5 fps)) (HD) Up to 4 GB or 29 min. 59 sec. [11] (L) up to 4 GB or 1 hour [7]
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
OTHER FEATURES	
Red-Eye Correction	Yes, during shooting and playback
Histogram	Yes
Playback zoom	Approx. 2x – 10x
Self Timer	Approx. 2 or 10 sec. or Custom
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, Vietnamese, Malaysian, Hindi, Indonesian

INTERFACE	
Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
Other	A/V output, dedicated connector (PAL/NTSC)
MEMORY CARD	
Type	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows 8 / 7 SP1 / Vista SP2 / XP SP3 Mac OS X v10.6 – 10.8
SOFTWARE	
Browsing & Printing	ImageBrowser EX
Other	Camera Window PhotoStitch
POWER SOURCE	
Batteries	2x Size-AA Alkaline or Ni-MH Batteries (Alkalines supplied)
Battery life	Approx. 150 shots [8] (with supplied batteries) Eco Mode: Approx. 200 shots [8] (with supplied batteries) Approx. 500 shots (with optional Canon NB-3AH batteries) Eco Mode: Approx. 650 shots (with optional Canon NB-3AH batteries) Approx. 360 min. playback [8] (with supplied batteries) Approx. 780 min. playback (with Canon NB-3AH batteries)
A/C Power Supply	Optional, AC Adapter Kit ACK800 (DC Coupler DR-DC10 also required)
ACCESSORIES	
Cases / Straps	Soft Case DCC-420
Flash	Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2
Power Supply & Battery Chargers	Battery Charger Kit CBK4-300, Ni-MH Batteries NB4-300, AC adapter kit ACK800 (DC Coupler DR-DC10 also required)
Other	Canon AV Cable AVC-DC400
PHYSICAL SPECIFICATIONS	
Operating Environment	0 – 40 °C [9], 10 – 90% humidity
Dimensions (WxHxD)	94.7 x 61.7 x 29.8 mm
Weight	Approx. 174 g (including battery/batteries and memory card)
<p>All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.</p> <p>Subject to change without notice.</p> <p>[1] Depending on the image size selected.</p> <p>[2] Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording.</p> <p>[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.</p> <p>[6] Under conditions where the flash does not fire.</p> <p>[7] Depending on memory card speed / capacity / compression setting.</p> <p>[8] Using the batteries and memory card format supplied with the camera (where included), except where indicated.</p> <p>[9] 0 – 35 °C when NB4-300 is used.</p> <p>[10] Some settings limit availability.</p> <p>[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</p>	