

DIGITAL CAMERA		PowerShot A2000 IS
IMAGE SENSOR		
Type		1/2.3" CCD
Effective Pixels		Approx 10.0M
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		DIGIC III with iSAPS technology
LENS		
Focal Length		6.4 – 38.4 mm (35mm equivalent: 36 – 216mm)
Zoom		Optical 6x. Digital approx. 4x (2) (with Digital Tele-Converter approx. 1.4x or 2.3x and Safety Zoom (1))(2). Combined approx. 24x
Maximum f/number		f/3.2 – f/5.9
Construction		9 elements in 7 groups (including 1 double-sided aspherical element)
Image Stabilisation		Yes (shift-type)
FOCUSING		
Type		TTL
AF System/ Points		AiAF (Face Detection / 9-point), 1-point AF (fixed to centre or Face Select and Track)
AF Point Selection		Size (Normal, Small)
AF Lock		On/Off Selectable
AF Assist Beam		Yes
Closest Focusing Distance		1cm (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		Locked when shutter button is pressed half way
Exposure Compensation		+/- 2 EV in 1/3 stop increments
ISO sensitivity (3)		AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600
SHUTTER		
Speed		1/60 - 1/1600 sec (factory default) 15 - 1/1600 sec (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		
VIEWFINDER		
LCD MONITOR		
Monitor		3.0" TFT, approx. 230,000 dots
Coverage		100%
Brightness		Adjustable to one of five levels
FLASH		
Modes		Auto, Manual Flash On / Off
Slow Sync Speed		Yes
Red-Eye Reduction		Yes
Flash Exposure Compensation		Face Detection FE
Flash Exposure Lock		Yes
Built-in Flash Range		30cm-3.5m (W) / 2.0m (T)
External Flash		Canon High Power Flash HF-DC1

SHOOTING		
Modes		Auto, P, Easy, Portrait, Night Snapshot, Indoor, Kids & Pets, Movie, Special Scene (Night Scene, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium, ISO 3200(5))
Photo Effects		My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited))
Drive modes		Single, Continuous, Self-Timer
Continuous Shooting		Approx. x.x shots/sec.(6) (until memory card becomes full)(7)
RECORDING PIXELS / COMPRESSION		
Image Size		(L) 3648 x 2736, (M1) 2816 x 2112, (M2) 2272 x 1704, (M3, Date Stamp) 1600 x 1200, (S) 640 x 480, (W) 3648 x 2048. Resize in playback (M3, S, 320 x 240)
Compression		Superfine, Fine, Normal
Movies		(L)640 x 480, 30fps/30fps(LP) (M)320 x 240, 30fps (S)160 x 120, 15fps
Movie Length		Up to 4GB or 1 hour (L and M) (7) Up to 3 mins (S) (7)
FILE TYPES		
Still Image Type		JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies		AVI [Motion JPEG compression + WAVE (monaural)]
Sound Files		WAVE (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
My Category		Image tagging feature
Sound Memo		Up to 60 sec per image
Intelligent Orientation Sensor		Yes
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
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, MMC, MMCplus, HC MMCplus. 32MB memory card supplied

SUPPORTED OPERATING SYSTEM		
PC & Macintosh		Windows XP SP2 / Vista (including SP1) Mac OS X v10.4 - 10.5
SOFTWARE		
Browsing & Printing		ZoomBrowser EX / ImageBrowser
Other		PhotoStitch
POWER SOURCE		
Batteries		2x Size-AA Alkaline or NiMH Batteries(NB4-300) (Alkalines supplied)
Battery life		Approx. 240 shots (8) (with supplied batteries) Approx. 500 shots (with optional Canon NB-3AH batteries) (8) Approx. 540 min. playback (with supplied batteries) Approx. 660 min. playback (with Canon NB-3AH batteries)
A/C Power Supply		Optional, AC Adapter Kit ACK800
ACCESSORIES		
Case		Soft Case DCC-85
Flash		High Power Flash HF-DC1
Power Supply & Battery Chargers		Battery Charger Kit CBK4-300, Ni-MH Batteries NB4-300, AC adapter kit ACK800
PHYSICAL SPECIFICATIONS		
Operating Environment		0 – 40 °C, 10 – 90% humidity
Dimensions (WxHxD)		101.9 x 63.5 x 31.9mm
Weight (body only)		Approx. 190g

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) Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording.

(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.

(5) Recording pixels fixed at 1600 x 1200.

(6) Under conditions where the flash does not fire.

(7) Depending on memory card speed / capacity.

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