DIGITAL CAMERA		**Digital IXUS 100 IS**
IMAGE SENSOR		
	Type	1/2.3” CCD
	Effective Pixels	Approx.12.1M
	Colour Filter Type	Primary Colour
IMAGE PROCESSOR		
	Type	DIGIC 4 with iSAPS technology
LENS		
	Focal Length	5.9 – 17.9 mm (35mm equivalent: 33 – 100mm)
	Zoom	Optical 3x. Digital approx. 4x [2] (with Digital Tele-Converter approx. 1.5x or 2.0x and Safety Zoom [1])[2]. Combined approx. 12x
	Maximum f/number	f/3.2 – f/5.8
	Construction	6 elements in 5 groups (1 double sided UA element, 1 single sided UA element)
	Image Stabilisation	Yes (shift-type)
FOCUSING		
	Type	TTL
	AF System/ Points	AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
	AF Modes	Single, Continuous [10], Servo AF[10]
	AF Point Selection	Size (Normal, Small)
	AF Lock	On/Off Selectable
	AF Assist Beam	Yes
	Closest Focusing Distance	3cm (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. i-Contrast for automatic dynamic range correction
	ISO sensitivity [3]	AUTO, 80, 100, 200, 400, 800, 1600
SHUTTER		
	Speed	1 - 1/1500 sec (factory default) 15 - 1/1500 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	2.5” PureColor LCD II (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) / 45cm-2.0m (T)

	External Flash	Canon High Power Flash HF-DC1
SHOOTING		
	Modes	Auto*, P, Portrait, Night Snapshot, Kids & Pets, Indoor, Sunset, Fireworks, Long Shutter, Beach, Underwater, Aquarium, Foliage, Snow, ISO 3200[5], Digital Macro, Color Accent, Color Swap, Stitch Assist, Movie. *with Scene Detection Technology and Motion Detection Technology
	Photo Effects	My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color)
	Drive modes	Single, Continuous, Self-Timer, FaceSelf-Timer
	Continuous Shooting	Approx. 0.8 shots/sec.[6] (until memory card becomes full)[7]
RECORDING PIXELS / COMPRESSION		
	Image Size	(L) 4000 x 3000, (M1) 3264 x 2448, (M2) 2592 x 1944, (M3) 1600 x 1200, (S) 640 x 480, (W) 4000 x 2248. Resize in playback (M3, S, 320 x 240)
	Compression	Fine, Normal
	Movies	(HD) 1280 x 720, 30fps, (L)640 x 480, 30fps, (M)320 x 240, 30fps
	Movie Length	(HD) Up to 4GB or 29 min. 59 sec [11] (L and M) Up to 4GB or 1 hour [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	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
	My Camera / My Menu	Start-up image and camera sounds customisation
	My Category	Image tagging feature
	Intelligent Orientation Sensor	Yes
	Histogram	Yes
	Playback zoom	Approx. 2x – 10x
	Self Timer	Approx. 2 or 10 sec., Custom or FaceSelf-Timer
	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	HDMI Mini Connector. A/V output (PAL/NTSC)
MEMORY CARD		
	Type	SD, SDHC, MMC, MMCplus, HC MMCplus
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows XP SP2-3 / Vista (including SP1) Mac OS X v10.4 - 10.5
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Other	PhotoStitch
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-4L (battery and charger supplied)
	Battery life	Approx. 210 shots [8] Approx. 300 min. playback
	A/C Power Supply	Optional, AC adapter kit ACK-DC10
ACCESSORIES		
	Case	Soft Leather Case DCC-1200, Digital IXUS Metal or Leather Strap
	Waterproof / Weatherproof Case	Waterproof Case (40m) WP-DC31, Waterproof Case Weight WW-DC1
	Flash	High Power Flash HF-DC1
	Power Supply & Battery Chargers	AC Adapter Kit ACK-DC10
	Other	Canon HDMI Cable HTC-100
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C, 10 – 90% humidity
	Dimensions (WxHxD)	87.0 x 54.5 x 18.4mm
	Weight (body only)	Approx. 115g

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 / compression setting.

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

[10] Some settings limit availability

[11] The following Speed Class memory cards are required for maximum record time: 1280 x 720, 30fps Speed Class 4 or above. 1920 x 1080, 30fps Speed Class 6