



IXUS 1000 HS Specification Sheet

IMAGE SENSOR

Type	1/2.3 type back-illuminated CMOS
Effective Pixels	Approx. 10.0M
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC 4 with iSAPS technology
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LENS

Focal Length	6.3 – 63.0 mm (36 mm equivalent: – 360 mm)
Zoom	Optical 10x. Digital Approx. 4x (with Digital Tele-Converter Approx. 1.4x or 2.3x and Safety Zoom [1]). Combined Approx. 40x
Maximum f/number	f/3.4 – f/5.6
Construction	14 elements in 12 groups (1 double-sided aspherical lens, 1 single-sided aspherical lens with UA element, 1 light-folding prism)
Image Stabilisation	Yes (lens shift-type), 4-stop. Dynamic IS (in Movie)

FOCUSING

Type	TTL
AF System/ Points	AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
AF Modes	Single, Servo AF/AE[10]
AF Point Selection	Size (Normal, Small)
AF Lock	On/Off Selectable
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	On/Off Selectable
Exposure Compensation	+/- 2 EV in 1/3 stop increments Enhanced i-Contrast for automatic dynamic range correction
ISO Sensitivity [3]	AUTO, 125, 200, 400, 800, 1600, 3200

SHUTTER

Speed	1 – 1/4000 sec. (factory default) 15 – 1/4000 sec. (total range – varies by shooting mode)
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WHITE BALANCE

Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom

LCD MONITOR

Monitor	7.6 cm (3.0") PureColor II G (TFT), 16:9 aspect ratio, 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	30cm – 3.5 m (W) / 1.0 cm – 2.0 m (T)
External Flash	Canon High Power Flash HF-DC1

SHOOTING		
	Modes	Auto*, P, Portrait, Kids & Pets, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst (2.5MP), Best Image Selection (2.5MP), Handheld Night Scene, Low Light (2.5MP), Super Vivid, Poster Effect Color Accent, Color Swap, Fish-eye Effect, Miniature Effect, Beach, Foliage, Snow, Fireworks, Long Shutter, 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 Continuous Shooting	Single, Continuous, Self-Timer Approx. 3.7 shots/sec.[6], High-speed Burst (2.5MP): Approx. 8.8 shots/sec.[6], (until memory card becomes full) [7]
RECORDING PIXELS / COMPRESSION		
	Image Size	(L) 3648 x 2736, (M1) 2816 x 2112, (M2) 1600 x 1200, (S) 640 x 480, (W) 3648 x 2048. Resize in playback (M2, S, 320 x 240)
	Compression Movies	Fine, Normal (Full HD) 1920 x 1080, 24 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps, (M) 320 x 240, 30 fps Miniature Effect (HD, L) 6fps, 3fps, 1.5 fps
	Movie Length	(Full HD & HD) Up to 4 GB or 10 min. 00 sec. [11] (L and M) Up to 4 GB or 1 hour [7] (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 (stereo)]
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
	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, SDXC, MMC, MMCplus, HCMMCplus
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 7/ Vista SP1-2/ XP SP3 Mac OS X v10.4 – 10.6
SOFTWARE		
	Browsing & Printing Other	ZoomBrowser EX / ImageBrowser PhotoStitch
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-9L (battery and charger supplied)
	Battery Life	Approx. 150 shots [8] Approx. 270 min. playback
	A/C Power Supply	Optional, AC adapter kit ACK-DC70
ACCESSORIES		
	Cases / Straps	Soft Leather Case DCC-1700
	Flash	High Power Flash HF-DC1
	Power Supply & Battery Chargers	AC Adapter kit ACK-DC70
	Other	Canon HDMI Cable HTC-100
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C, 10 – 90% humidity
	Dimensions (WxHxD)	101.3 x 58.5 x 22.3 mm
	Weight	Approx. 190 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

[6] Under conditions where the flash does not fire.

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

[10] Some settings limit availability

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