

DIGITAL CAMERA		Digital IXUS 90 IS
<b>IMAGE SENSOR</b>		
Type		1/2.3" CCD
Effective Pixels		Approx.10.0M
Colour Filter Type		Primary Colour
<b>IMAGE PROCESSOR</b>		
Type		DIGIC III with iSAPS technology
<b>LENS</b>		
Focal Length		6.2 – 18.6 mm (35mm equivalent: 35 – 105mm)
Zoom		Optical 3x. Digital approx. 4x (2) (with Digital Tele-Converter approx. 1.4x or 2.3x and Safety Zoom (1))(2). Combined approx. 12x
Maximum f/number		f/2.8 – f/4.9
Construction		6 elements in 5 groups (1 double sided aspherical UA element, 1 single sided UA element)
Image Stabilisation		Yes (shift-type)
<b>FOCUSING</b>		
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		3cm (W) from front of lens in macro
<b>EXPOSURE CONTROL</b>		
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
ISO sensitivity (3)		AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600
<b>SHUTTER</b>		
Speed		1/60 - 1/1500 sec (factory default) 15 - 1/1500 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, Custom
<b>LCD MONITOR</b>		
Monitor		3.0" PureColor LCD II (TFT), approx. 230,000 dots
Coverage		100%
Brightness		Adjustable to one of fifteen levels
<b>FLASH</b>		
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
<b>SHOOTING</b>		
Modes		Auto, Manual, Digital Macro, Color Accent, Color Swap, Stitch Assist, Movie, Special Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, ISO 3200(4))

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
Continuous Shooting	Approx. 1.4 shots/sec.(5) (until memory card becomes full)(6)
<b>RECORDING PIXELS / COMPRESSION</b>	
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 (Time Lapse) 640 x 480, 0.5/1fps (Playback 15fps)
Movie Length	Up to 4GB or 1 hour (L and M) (6) Up to 3 mins (S) (6) Up to 120 mins (Time Lapse) (6)
<b>FILE TYPES</b>	
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)
<b>DIRECT PRINT</b>	
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
<b>OTHER FEATURES</b>	
Red-Eye Correction	Yes, during shooting and playback
My Camera	Start-up image and camera sounds customisation
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
<b>INTERFACE</b>	
Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
Other	A/V output, dedicated connector (PAL/NTSC)
<b>MEMORY CARD</b>	
Type	SD, SDHC, MMC, MMCplus, HC MMCplus. 32MB memory card supplied
<b>SUPPORTED OPERATING SYSTEM</b>	
PC & Macintosh	Windows 2000 SP4 / XP SP2 / Vista Mac OS X v10.3 - 10.4
<b>SOFTWARE</b>	
Browsing & Printing	ZoomBrowser EX / ImageBrowser
Other	PhotoStitch

	Drivers	TWAIN (2000)
<b>POWER SOURCE</b>		
	Batteries	Rechargeable Li-ion Battery NB-5L (battery and charger supplied)
	Battery life	Approx. 330 shots (7) Approx. 420 min. playback
	A/C Power Supply	Optional, AC adapter kit ACK-DC30
<b>ACCESSORIES</b>		
	Case	Soft Leather Case DCC-60, Digital IXUS Metal or Leather Strap
	Waterproof / Weatherproof Case	Waterproof Case (40m) WP-DC24, Waterproof Case Weight WW-DC1
	Flash	High Power Flash HF-DC1
	Power Supply & Battery Chargers	AC Adapter Kit ACK-DC30
<b>PHYSICAL SPECIFICATIONS</b>		
	Operating Environment	0 – 40 °C, 10 – 90% humidity
	Dimensions (WxHxD)	91.6 x 56.8 x 20.9mm (excluding protrusions)
	Weight (body only)	Approx. 155g

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.

(4) Recording pixels fixed at 1600 x 1200.

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

(6) Depending on memory card speed / capacity.

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