

DIGITAL CAMERA		IXUS 165
<b>IMAGE SENSOR</b>		
Type	1/2.3 type CCD	
Effective Pixels	Approx. 20.0M [14]	
Effective / Total Pixels	Approx. 20.5M	
Colour Filter Type	Primary Colour	
<b>IMAGE PROCESSOR</b>		
Type	DIGIC 4+ with iSAPS technology	
<b>LENS</b>		
Focal Length	5.0 – 40.0 mm (35 mm equivalent: 28 – 224 mm)	
Zoom	Optical 8x ZoomPlus 16x Digital Approx. 4x Combined Approx. 32x [1]	
Maximum f/number	f/3.2 – f/6.9	
Construction	8 elements in 7 groups (1 double-sided aspherical lens)	
Image Stabilisation	Yes (lens shift-type), approx. 2.5-stop [13]. Intelligent IS plus Enhanced Dynamic IS	
<b>FOCUSING</b>		
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, Tracking AF[6]	
AF Lock	Yes	
AF Assist Beam	Yes	
Closest Focusing Distance	1 cm (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	Yes	
Exposure Compensation	+/- 2 EV in 1/3 stop increments. Enhanced i-Contrast for automatic dynamic range correction	
ISO sensitivity	AUTO, 100, 200, 400, 800, 1600	
<b>SHUTTER</b>		
Speed	1 – 1/2000 sec. (factory default) 15 – 1/2000 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>COLOUR MATRIX</b>		
Type	sRGB	
<b>LCD MONITOR</b>		
Monitor	6.8 cm (2.7") LCD (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 Compensation	
Flash Exposure Lock	Yes	
Built-in Flash Range	50 cm – 3.0 m (W) / 1.3 – 1.5 m (T)	
External Flash	Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2	
SHOOTING		
Modes	Smart Auto (32 scenes detected), P, Portrait, Live View Control, FaceSelf-Timer, Low Light (5.0 MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, Long Shutter	
Modes in Movie	Smart Auto (21 scenes detected), P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks	
Drive modes	Single, Continuous, Self-Timer	
Continuous Shooting	Approx. 0.8 shots/sec. (until memory card becomes full) [3][4]	
RECORDING PIXELS / COMPRESSION		
Image Size	4:3 - (L) 5152 x 3864, (M1) 3648 x 2736, (M2) 2048 x 1536, (S) 640 x 480, (W) 5152 x 2896	
Compression	Resize in playback (M2, S)	
Movies	Fine (HD) 1280 x 720, 25 fps, (L) 640 x 480, 30 fps Miniature Effect (HD) 5 fps, 2.5 fps, 1.25 fps Miniature Effect (L) 6 fps, 3 fps, 1.5 fps	
Movie Length	(HD) Up to 4 GB or 29 min, 59 sec. [7] (L) up to 4 GB or 1 hour [4]	
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 [Video:MPEG-4 AVC / H.264, Audio: Linear PCM (monaural)]	
DIRECT PRINT		
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge	
PictBridge	Yes	
OTHER FEATURES		
Red-Eye Correction	Yes, during shooting and playback	
Intelligent Orientation Sensor	Yes, with Auto Rotate	
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, Malaysian, Hindi, Indonesian, Vietnamese, Hebrew	

INTERFACE		
Computer		Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
Other		A/V output, dedicated connector (PAL/NISCS)
MEMORY CARD		
Type		SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM		
PC & Macintosh		Windows 8 / 8.1 / 7 SP1 Mac OS X 10.8 / 10.9
POWER SOURCE		
Batteries		Rechargeable Li-ion Battery NB-11L/ NB-11LH (NB-11L battery and charger supplied)
Battery life		Approx. 200 shots Eco Mode: Approx. 260 shots Approx. 240min. playback
A/C Power Supply		Optional, AC Adapter Kit ACK-DC90
ACCESSORIES		
Cases / Straps		Soft Case DCC-1370 Soft Case DCC-1350 Soft Case DCC-1320
Flash		Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2
Power Supply & Battery Chargers		AC Adapter Kit ACK-DC90, Battery Charger CB-2LFE / CB-2LDE
Other		Canon AV Cable AVC-DC400 Interface cable IFC-400PCU
PHYSICAL SPECIFICATIONS		
Operating Environment		0 – 40 °C, 10 – 90% humidity
Dimensions (WxHxD)		95.2 x 54.3 x 22.1 mm
Weight		Approx. 128 g (including battery and memory card)
<p>All data is based on Canon standard testing methods (according to CIPA Standards) Subject to change without notice.</p> <p>[1] Depending on the image size selected. [3] Under conditions where the flash does not fire. [4] Depending on memory card speed / capacity / compression setting. [6] Some settings limit availability. [7] 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 above. [13] Values at maximum optical focal length. Cameras whose focal length exceeds 350 mm (35 mm equivalent) are measured at 350 mm. [14] Image processing may cause a decrease in the number of pixels.</p>		