

# Specification Table

## Used for: Digital Camera – Compact

### Version 1.3

DIGITAL CAMERA		Canon Digital IXUS 40	Canon Digital IXUS 30
IMAGE SENSOR	Type Effective Pixels Colour Filter Type	1/2.5" CCD Approx.4.0M Primary Colour	1/2.5" CCD Approx.3.2M Primary Colour
IMAGE PROCESSOR	Type	DIGIC II with iSAPS technology	DIGIC II with iSAPS technology
LENS	Focal Length Zoom Maximum f/number Construction	5.8 – 17.4 mm (35mm film equivalent: 35 – 105mm) Optical 3x, digital approx. 3.6x, combined approx. 11x f/2.8 – f/4.9 6 elements in 5 groups (2 UA elements)	5.8 – 17.4 mm (35mm film equivalent: 35 – 105mm) Optical 3x, digital approx. 3.2x, combined approx. 10x f/2.8 – f/4.9 6 elements in 5 groups (2 UA elements)
FOCUSING	Type AF System/ Points AF Lock AF Assist Beam Closest Focusing Distance	TTL 9-point AiAF, 1-point AF (Fixed centre) On/Off Selectable Yes 3cm	TTL 9-point AiAF, 1-point AF (Fixed centre) On/Off Selectable Yes 3cm
EXPOSURE CONTROL	Metering modes AE Lock Exposure Compensation ISO Speed Equivalent	Evaluative, Centre-weighted average, Spot (centre) On/Off Selectable +/- 2 EV in 1/3 stop increments AUTO, 50, 100, 200, 400	Evaluative, Centre-weighted average, Spot (centre) On/Off Selectable +/- 2 EV in 1/3 stop increments AUTO, 50, 100, 200, 400
SHUTTER	Speed	15 – 1/1,500 sec (Slow Shutter speeds of 1 sec. and more, available in Long Shutter Mode only. Shutter speeds of 1.3 sec. and more operate with noise reduction).	15 – 1/1,500 sec (Slow Shutter speeds of 1 sec. and more, available in Long Shutter Mode only. Shutter speeds of 1.3 sec. and more operate with noise reduction).
WHITE BALANCE	Type Settings	TTL Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	TTL Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
VIEWFINDER	Viewfinder	Real-image zoom, optical viewfinder	Real-image zoom, optical viewfinder
LCD MONITOR	Monitor Coverage Brightness	2.0" P-Si TFT, approx. 118,000 pixels 100% Adjustable to one of fifteen levels	2.0" P-Si TFT, approx. 118,000 pixels 100% Adjustable to one of fifteen levels
FLASH	Modes Slow Sync Speed Red-eye Reduction Flash Exposure Lock Built-in Flash Range	Auto, Manual Flash On / Off Yes Yes Yes 50cm - 3.5m (W) / 2.0m (T) (at ISO AUTO equivalent)	Auto, Manual Flash On / Off Yes Yes Yes 50cm - 3.5m (W) / 2.0m (T) (at ISO AUTO equivalent)
SHOOTING	Modes Photo Effects Drive modes Continuous Shooting	Auto, Manual, Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Underwater, Digital Macro), Stitch Assist, Movie Vivid, Neutral, Low Sharpening, Sepia, Black & White Single, Continuous Approx. 2.4 fps(1) (until memory card becomes full)(2)	Auto, Manual, Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Underwater, Digital Macro), Stitch Assist, Movie Vivid, Neutral, Low Sharpening, Sepia, Black & White Single, Continuous Approx. 2.8 fps (1)(until memory card becomes full)(2)
RECORDING PIXELS / COMPRESSION	Image Size	(L)2272 x 1704, (M1)1600 x 1200, (M2)1024 x 768. (S)640 x 480	(L)2048 x 1536, (M1)1600 x 1200, (M2)1024 x 768. (S)640 x 480

DIGITAL CAMERA		Canon Digital IXUS 40	Canon Digital IXUS 30
	Compression Movies Movie Length	Superfine, Fine, Normal (L)640 x 480, 30/15fps (M)320 x 240, 60/30/15fps (S)160 x 120, 15fps Up to 1GB (640x480, 320x240, 30/15fps) (2) Up to 3 mins (160x120) (2) Up to 1 min (320x240, 60fps) (2)	Superfine, Fine, Normal (L)640 x 480, 30/15fps (M)320 x 240, 60/30/15fps (S)160 x 120, 15fps Up to 1GB (640x480, 320x240, 30/15fps) (2) Up to 3 mins (160x120) (2) Up to 1 min (320x240, 60fps) (2)
FILE FORMAT			
	Still Image Format Movies Sound Files	JPEG (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant AVI [Motion JPEG + WAVE (monaural)] WAVE (monaural)	JPEG (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant AVI [Motion JPEG + WAVE (monaural)] WAVE (monaural)
DIRECT PRINT			
	Canon Printers PictBridge	Canon SELPHY Compact Photo Printers and Pixma Printers supporting PictBridge (ID Photo Print, Movie Print supported on SELPHY CP printers only) Yes	Canon SELPHY Compact Photo Printers and Pixma Printers supporting PictBridge (ID Photo Print, Movie Print supported on SELPHY CP printers only) Yes
OTHER FEATURES			
	My Camera Sound Memo Intelligent Orientation Sensor Histogram Playback zoom Self Timer Menu Languages	Start-up image and camera sounds customisation Up to 60 sec per image Yes Yes Approx. 2x - 10x Approx. 2 or 10 sec. English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish	Start-up image and camera sounds customisation Up to 60 sec per image Yes Yes Approx. 2x - 10x Approx. 2 or 10 sec. English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish
INTERFACE			
	Computer Other	USB (Mini-B, PTP) A/V output (PAL/NTSC)	USB (Mini-B, PTP) A/V output (PAL/NTSC)
MEMORY CARD			
	Type	Secure Digital (SD) Card, 16MB SD card supplied	Secure Digital (SD) Card, 16MB SD card supplied
SUPPORTED OPERATING SYSTEM			
	PC Macintosh	Windows 98SE / Me / 2000 SP4 / XP / XP SP1 OS X v10.1.5 - 10.3	Windows 98SE / Me / 2000 SP4 / XP / XP SP1 OS X v10.1.5 - 10.3
SOFTWARE			
	Browsing & Printing Other Drivers Image Manipulation	ZoomBrowser EX (PhotoRecord) / ImageBrowser PhotoStitch TWAIN (Windows 98 / 2000), WIA (Windows Me) ArcSoft PhotoImpression, ArcSoft VideoImpression	ZoomBrowser EX (PhotoRecord) / ImageBrowser PhotoStitch TWAIN (Windows 98 / 2000), WIA (Windows Me) ArcSoft PhotoImpression, ArcSoft VideoImpression
POWER SOURCE			
	Batteries Battery life A/C Power Supply	Rechargeable Li-ion Battery NB-4L (battery and charger supplied) Approx. 140 shots (3) Approx. 180 min. playback Optional, AC adapter kit ACK-DC10	Rechargeable Li-ion Battery NB-4L (battery and charger supplied) Approx. 140 shots (3) Approx. 180 min. playback Optional, AC adapter kit ACK-DC10
ACCESSORIES			
	Case Waterproof / Weatherproof Case Power Supply & Battery Chargers	Soft Case DCC-60, Digital IXUS Metal (Neck) Strap All Weather Case (3m) AW-DC30 AC adapter kit ACK-DC10, Compact Battery Charger CB-2LVE	Soft Case DCC-60, Digital IXUS Metal (Neck) Strap All Weather Case (3m) AW-DC30 AC adapter kit ACK-DC10, Compact Battery Charger CB-2LVE
PHYSICAL SPECIFICATIONS			
	Operating Environment Dimensions (WxHxD) Weight (body only)	0 - 40 °C, 10 - 90% humidity 86.0 x 53.0 x 20.7 mm (excluding protrusions) Approx. 130g	0 - 40 °C, 10 - 90% humidity 85.8 x 53.4 x 21.1 mm (excluding protrusions) Approx. 115g

All data is based on Canon standard testing methods except where indicated.  
Subject to change without notice.

[1 Large/Fine with LCD monitor off](#)

[2 Depending on memory card speed / capacity](#)

[3 Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated](#)