

| DIGITAL CAMERA | | Digital IXUS 990 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 | | 6.6 - 33.0 mm (35mm equivalent: 37 – 185mm) |
| Zoom | | Optical 5x. Digital approx. 4x (with Digital Tele-Converter approx.1.5x or 2.0x and Safety Zoom [1]) [2]. Combined approx. 20x |
| Maximum f/number | | f/3.2 – f/5.7 |
| Construction | | 8 elements in 6 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 or Face Select and Track) |
| 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 | | 2cm (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 - 1/1600 sec (factory default) 15 - 1/1600 sec (total range - varies by shooting mode) |
| WHITE BALANCE | | |
| Type | | TTL |
| Settings | | Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom |
| LCD MONITOR | | |
| Monitor | | 3.0" PureColor LCD II (TFT), approx. 461,000 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) / 2.0m (T) |
| External Flash | | Canon High Power Flash HF-DC1 |
| SHOOTING | | |

| | |
|---------------------------------------|--|
| Modes | Auto*, P, Portrait, Night Snapshot, Kids & Pets, Indoor, Sunset, Creative Light Effect, Fireworks, Long Shutter, Beach, Aquarium, Foliage, Snow, ISO 3200[5], Digital Macro, Zoom Blur, 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. 1.0 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-5L (battery and charger supplied) |
| | Battery life | Approx. 270 shots [8] Approx. 360 min. playback |
| | A/C Power Supply | Optional, AC adapter kit ACK-DC30 |
| ACCESSORIES | | |
| | Case | Soft Leather Case DCC-70, Digital IXUS Metal or Leather Strap |
| | Flash | High Power Flash HF-DC1 |
| | Power Supply & Battery Chargers | AC Adapter Kit ACK-DC30 |
| | Other | Canon HDMI Cable HTC-100 |
| PHYSICAL SPECIFICATIONS | | |
| | Operating Environment | 0 – 40 °C, 10 – 90% humidity |
| | Dimensions (WxHxD) | 94.8 x 56.8 x 26.3 mm |
| | Weight (body only) | Approx. 160g |

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

[3] Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) with

[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 Cla