

Additional Information – PowerShot A1000 IS, PowerShot A2000 IS, PowerShot E1

Printing

The PowerShot A1000 IS, PowerShot A2000 IS and PowerShot E1 feature a dedicated Print menu for quick access to direct print options. Full PictBridge support means users can print directly to any PictBridge compatible printer without the need for a PC. A Print/Share button allows one-touch printing and easy uploads to Windows or Mac systems.

Language

The PowerShot A1000 IS, PowerShot A2000 IS and PowerShot E1 feature a user interface that supports 25 languages: English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Traditional Chinese, Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Romanian, Ukrainian and - new for Autumn 2008 - Farsi.

Memory Card Support

In addition to SD, SDHC and MMC memory cards, the PowerShot A1000 IS, PowerShot A2000 IS and PowerShot E1 support MMCplus and HC MMCplus card formats. All three cameras are supplied with a 32MB memory card.

Software and CANON iMAGE GATEWAY¹

The PowerShot A1000 IS, PowerShot A2000 IS and PowerShot E1 come bundled with the following Canon Software:

- ZoomBrowser EX 6.1 (Windows), ImageBrowser 6.1 (Macintosh): For organising and editing images, movies and slideshows, or creating and printing digital photo albums.
- PhotoStitch 3.1 (Windows), PhotoStitch 3.2 (Mac): For creating panoramic photos from multiple images.

The bundled software supports Windows Vista (including SP1) / and XP SP2 and Macintosh OS X v10.4-10.5. Each camera supports PTP for driverless transfer to Windows XP and Macintosh OS X, along with MTP for image and movie transfers to Windows Vista.

¹ CANON iMAGE GATEWAY is not available in all European countries. Please see www.cig.canon-europe.com for available countries. Movie upload requires users to download and install the movie upload task, available after registration.

Purchasers of the PowerShot A1000 IS, PowerShot A2000 IS and PowerShot E1 are eligible for free membership of CANON iMAGE GATEWAY, 100MB of online 'personal gallery' space for sharing stills and video with family and friends.

Optional Accessories

The PowerShot A1000 IS, PowerShot A2000 IS and PowerShot E1 can be combined with the following accessories:

- Soft Case (DCC-900) – PowerShot E1
- Soft Case (ECC-85) – PowerShot A1000 IS, PowerShot A2000 IS
- High power Flash (HF-DC1) – PowerShot A1000 IS, PowerShot A2000 IS, PowerShot E1
- AC Adaptor Kit (ACK800) – PowerShot A1000 IS, PowerShot A2000 IS, PowerShot E1
- Battery Charger Kit (CBK4-300) – PowerShot A1000 IS, PowerShot A2000 IS, PowerShot E1
- Ni-MH Batteries (NB4-300) – PowerShot A1000 IS, PowerShot A2000 IS, PowerShot E1

Technologies Explained

DIGIC III

Canon's DIGIC III (Digital Imaging Core) image processor manages all of the camera's primary functions to optimize operating efficiency. Advanced image processing algorithms deliver superb image detail and colour reproduction with accurate white balance. High-speed processing results in outstanding responsiveness, rapid auto focus and extended continuous shooting ability. DIGIC also powers advanced Noise Reduction Technology and Face Detection AF/AE/FE/WB. Hasn't been updated for WB?

Face Detection AF/AE/FE/WB and Face Select & Track

Canon's Face Detection AF/AE/FE/WB system automatically detects up to nine faces within a frame before adjusting focus, exposure, flash and white balance to ensure optimal results. It is able to determine which faces are intended to be the subject, instantly reverting to the partnering 9-point AiAF system if no face is the primary subject. Face Select & Track allows the user to select a particular face to be the main subject of a photograph and track it, for the best possible results.

iSAPS

iSAPS (intelligent Scene Analysis based on Photographic Space) automatically optimises key camera settings before every shot. Each scene is analysed and cross-referenced against Photographic Space – a vast in-camera library of photographic data. This enables the camera to make optimal adjustments to auto exposure, auto focus and auto white balance before image capture occurs.

Optical Image Stabilizer

The PowerShot A1000 IS, PowerShot A2000 IS and PowerShot E1 all use a lens shift-type Image Stabilizer (IS) system to detect and correct slight camera shakes that can cause image blur. Minute vibration gyros detect lens tilting caused by hand shake. These signals – 4,000 per second – are processed by a single-chip IS controller, which discriminates between hand shake and unintentional camera movements. Shake signals are sent to the IS unit, which moves one of the lens elements accordingly to deflect the light rays and cancel out the effects of shake. For improved accuracy and responsiveness, the moving lens element is supported on tiny ceramic spheres. In addition to minimising friction, ceramic spheres avoid some of the problems that can affect metal systems, such as thermal expansion and magnetism. The optical IS of both models allows photographers to shoot at shutter speeds up to 3 stops slower with no perceptible increase in image blur due to camera shake.