Additional Information – PowerShot SX200 IS

Printing

The PowerShot SX200 IS features 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 SX200 IS features a user interface that supports 26 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 Farsi.

Memory Card Support

In addition to SD, SDHC and MMC memory cards, the PowerShot SX200 IS supports MMCplus and HC MMCplus card formats.

Software and CANON iMAGE GATEWAY[1]

The PowerShot SX200 IS comes bundled with the following Canon Software:

- ZoomBrowser EX 6.3 (Windows), ImageBrowser 6.3 (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) / XP SP2-3 and Macintosh OS X v10.4-10.5. Both cameras support PTP for driverless transfer to Windows XP and Macintosh OS X, along with MTP for image and movie transfers to Windows Vista.

Purchasers of the PowerShot SX200 IS 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 SX200 IS can be combined with the following accessories:

[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.

- Soft Case (DCC-1000)
- High Power Flash (HF-DC1)
- AC Adapter Kit (ACK-DC30)
- HDMI Cable (HTC-100)

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Technologies Explained

DIGIC 4

Canon's DIGIC 4 (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 4 also powers advanced Noise Reduction Technology, i-Contrast, Face Detection AF/AE/FE/WB and new Scene Detection Technology.

Scene Detection Technology

Available in Smart Auto mode, Canon's Scene Detection Technology analyses the shooting scene by taking into account subject brightness, contrast, distance and overall hue. The optimum settings are then automatically selected for each scene from a choice of 18 possible modes. A colour icon indicating the type of scene detected – and the lighting conditions of the scene - is shown on the LCD monitor. In Easy mode no icon is displayed, so that Easy mode remains as simple as possible with no distractions for the user.

Smart Auto mode gives users the reassurance that the camera will take care of settings and deliver great results - even when shooting moving subjects, backlit scenes, night shots, sunsets, and shots taken at very close range. Smart Auto mode also increases image dynamic range to reduce highlight blow-out when shooting bright scenes, reduces dynamic range to improve contrast in low-contrast scenes, and automatically enhances blue saturation for blue skies.

Face Detection AF/AE/FE/WB, Face Select & Track and FaceSelf-Timer

Canon's Face Detection AF/AE/FE/WB system automatically detects up to 35 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 Detection can now detect faces on most angles, and now incorporates Blink Detection technology, which alerts the user to portrait shots in which a subject's eyes are closed. 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. FaceSelf-Timer allows easy group shots by automatically triggering the shutter shortly after a new face has entered the frame.

i-Contrast

Available in either shooting or playback mode, Canon's i-Contrast function analyses the exposure, dynamic range and other image characteristics of a shot, then adaptively increases the gain in dark areas – to produce heightened detail in darker regions, without blowing out correctly-exposed parts of the image. The noise reduction function of DIGIC 4 ensures minimal noise in adjusted areas.

Optical Image Stabilizer

The PowerShot SX200 IS uses a lens shift-type Image Stabilizer (IS) system to detect and correct slight camera shakes that can cause image blur. The IS delivers a 4 stop advantage for improved performance in low-light conditions, when shooting at the telephoto end of the lens and when vibrations are more severe. It also features increased sensitivity to low frequency vibration, such as the rocking of a boat. Minute vibration gyros detect camera movement caused by hand shake. These signals – at 8,000 per second, twice the speed of signals in conventional IS – are processed by a single-chip IS controller, which discriminates between hand shake and intentional camera movements. Shake signals are sent to the IS unit, which moves one of the lens elements accordingly to re-align 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.