

SD1000 (Canon Digital IXUS 70)

Canon SD1000 (Canon Digital IXUS 70) is a 7.1 megapixel compact camera built in the tradition of the IXUS (digital elph) line.

It features a 3x optical zoom lens (35-105mm), DIGIC III image processor, Face Detection AF/AE/FE, noise reduction technology, in camera red-eye reduction (in playback) and a lovely large 3.0 inch LCD screen.

The Canon SD1000 has an ISO range of up to 1600, 17 shooting modes and up to 30 frames per second video shooting. It's just 19.4 mm thin.

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Canon SD1000 Press Release

Classic tones and slim lines: Canon launches the Digital IXUS 75 and Digital IXUS 70 (SD750 and SD1000)

Amstelveen , The Netherlands, 22 February, 2007: Canon today updates its Digital IXUS range with two striking new models – the 7.1 Megapixel Digital IXUS 75 (SD 750 DIGITAL ELPH) and Digital IXUS 70 (SD 1000 DIGITAL ELPH). The ultra compact Digital IXUS 75 sports a metallic finish with a massive 3.0” PureColor LCD, offset by a distinctive circular accent around the lens. A touch sensitive control dial provides easy access to key camera settings. The Digital IXUS 70 is Canon’s slimmest optical zoom camera yet, featuring a clean, minimalist design inspired by the original IXUS. Measuring only 19.4mm deep, it comes in both black and silver finishes. Both cameras incorporate a clever new Red-Eye Correction feature in Playback mode.

The Digital IXUS 75 and Digital IXUS 70 offer superb response times and high-quality image rendering through Canon’s DIGIC III image processor. DIGIC III also powers Face Detection and Noise Reduction Technology, making it easier for users to capture sharp, well-exposed images in clubs, restaurants and other social situations.

Features at a glance:

- * 7.1 Megapixels
- * 3x optical zoom 35-105mm (35mm equivalent) with UA lens
- * DIGIC III with Face Detection AF/AE/FE and Noise Reduction Technology
- * Red-Eye Correction in playback
- * 3.0” PureColor LCD (Digital IXUS 75); 2.5” PureColor LCD (Digital IXUS 70)
- * ISO 1600 and Auto ISO Shift
- * 17 Shooting modes plus My Colors photo effects
- * 30fps VGA Movies and Time Lapse Movie function

“With their advanced functionality and bold design concepts, these new models go beyond the conventional,” said Mogens Jensen, Head of Canon Consumer Imaging, Europe. “It’s this unfaltering pursuit of new technologies and new aesthetics that set the Digital IXUS range apart from the competition.”

DIGIC III: Better Photos, Easily

Canon’s DIGIC III processor introduces several advancements that reduce the risk of blurred or poorly exposed photographs. Face Detection AF/AE/FE automatically detects up to nine faces within a scene and optimises focus and exposure accordingly. Fast and highly accurate, the system has been enhanced on these models to control flash exposure (FE), and is now capable of detecting faces at greater distances. Face Detection Technology also enables Red-Eye Correction in playback. Users can quickly detect and remove red-eye in captured images directly in-camera, ensuring that people shots look natural and accurate. Noise Reduction Technology produces smooth images at up to ISO 1600, allowing for flash-free photography in dimly-lit areas such as parties and nightclubs. A new Auto ISO Shift function prevents blur by giving users the option to boost the ISO setting – and consequently shutter speed – with a single button press, whenever the camera predicts camera shake.

LCD enhancements

A range of enhancements has been made, based on feedback collected from users across the globe. Both cameras include new high resolution (230k pixels) PureColor LCD screens, which offer users a wide range of visual benefits. Colour tones have been enhanced by up to 30% for vibrant, true-to-life colour reproduction. The screen’s wide viewing angle is complemented by an anti-reflective coating, which makes it easy to compose and review images even in brightly-lit conditions. A scratch-resistant layer provides extra protection against knocks and scrapes.

Settings for shutter speed and aperture are now displayed on the LCD during shooting. When using Auto ISO and High ISO Auto, the LCD will also display the ISO speed. These camera settings are now recorded as EXIF data for review in playback. Users of the Digital IXUS 75 can instantly review captured images using a dedicated Playback button, which acts as a toggle between shooting and playback modes. The Print/Share button doubles as a customisable Shortcut button on both cameras, providing one-touch access to frequently used functions, such as movie recording or white balance settings.

Creative options

A total of 17 shooting modes are provided, including a wide selection of Special Scene modes such as Portrait, Indoor and Night Snapshot. Digital IXUS 75 users can access modes via the Touch Control Dial. Both cameras include My Colors photo effects for creative experimentation before and after shooting.

A new Time Lapse Movie function allows users to capture changing scenes – such as drifting clouds, a blooming flower or a bustling city street – for accelerated playback as smooth VGA-quality movie clips. Captured at one-second or two second intervals, a scene of two hours’ duration can be condensed to a fluid eight minute or four minute movie file. Users can also record standard VGA movies with sound at 30fps and QVGA movies with sound at 60fps.

Canon SD1000 (Canon Digital IXUS 70) Reviews

CNET has a review of the Canon PowerShot SD1000 and writes, "Despite our minor gripes, the PowerShot SD1000 is a top-notch compact camera for its price range. Most users will be pleased with its excellent image quality and the useful, if not extensive, feature set. The most significant feature you won't find here is optical image stabilization, though at this price, you'd be hard pressed to find it elsewhere while maintaining a decent level of image quality at the same time. ... Small size, excellent image quality, and a solid, though not extensive, feature set make the SD1000 a great choice for a compact camera."

DPExpert has a review of the Canon IXUS 70 and gives it a highly recommended rating, writing, "This is a sensible camera and praise doesn't come any higher. It has a sensible number of pixels, optical viewfinder and degree of manual control. It will never be mistaken for a flash fashion accessory -- it is a camera. It is certainly a sensible price for a camera which produces such high quality images. It is simple enough to be used by a child (we tried) and yet sophisticated enough for serious photography. Highly recommended."

Steve's Digicams has a review of the Canon SD1000 and writes, "Canon has created yet another appealing Digital ELPH model. I was also glad to see the return of the "classic" ELPH look, with its squared off edges. With a retail price of US\$299 or less, I feel the Canon Powershot SD1000 offers a good value for a durable, 7- megapixel "ultra-compact" model. The only issues I saw with this camera was that ISO levels were higher than past models. If you liked the features of this model, but want a "beefier" camera, then check out our review of the Powershot A560 ."

PhotographyBLOG has a review of the Canon Digital IXUS 70 and writes, "Unfortunately image quality isn't quite up to the high standards set by the rest of the camera, with image noise being the main issue. The 7 megapixel images are noisy and slightly blurred at ISO 400, with ISO 800 and particularly 1600 being best avoided. With no optical image stabilisation system available, this limits the camera to good light photography only. ISO Auto Shift is a useful feature that's sadly let down by the quality available at ISO 800, whilst beginners will love the Face Detection feature which provides well focused and exposed family pictures. So the Canon Digital IXUS 70 is obviously not going to satisfy everyone, as it doesn't offer full manual control over aperture and shutter speeds and the image quality is not best in class, but if you want a stylish ultra-compact camera, the IXUS 70 is still well worth considering."

Digital Trends has a review of the Canon PowerShot SD1000 and writes, "Overall, the quality of the images was quite good, in classic Canon style. ... One area where the SD1000 disappointed a bit was handling digital noise. Once you hit 400, it was pretty noticeable, and above that there was no avoiding it. Although there's a 1600 setting, it's pretty useless. In other words, use the flash when shooting indoors. ... Anyone looking for a good point-and-forget digicam should put the Canon Powershot SD1000 Digital ELPH high on the list. It's not the fastest camera in the world, but it works quickly enough, even with the flash blazing away. Photo quality is of the classic Canon style, which I like very much. I'm sure zillions of shutterbugs will like it too."

DigicamReview has a review of the Canon Digital IXUS 70 and writes, "The Canon Digital IXUS 70 / SD1000 is an excellent ultra compact digital camera - image quality is very good with great colour and detail although images are slightly soft. This camera is one of the slimmest Canon digital cameras available and is a camera that you can take anywhere and use in almost every situation. This camera has a lot of options and features which makes it a very capable and useful digital camera, one that could easily be used as a main or backup digital camera. The Canon Digital IXUS 70 is ultra-compact with a metal body, and scores highly in all of the key areas: image quality, features and price, and is

therefore recommended."