

PENTAX



EI-100

Open up a world of digital possibilities.



Digital images in a snap.

Point, press and the EI-100 does the rest –with beautiful results. Versatile features and PC connectivity open up a world of creative possibilities as well. With the new EI-100 digital camera, the excitement of digital photography is only a click away.



Smart and simple

The EI-100 combines the power of digital technology with the familiar operation of a conventional compact camera. Ergonomic controls make shooting a breeze, and clear viewing is yours through the 1.8-inch TFT color LCD monitor with adjustable brightness.

Clear, beautiful images

The high-performance optical lens and 1.31 megapixel CCD combine to deliver precise reproduction at up to 1280 x 960 pixels, in your choice of three JPEG compression settings. ISO settings are also automatically adjusted to optimize lighting and compensate for camera shake.

Easy PC connectivity

Simply connect the EI-100 with your personal computer, via USB cable, and transfer your images for editing, graphics projects or e-mail attachment. No special software is required. The EI-100 is compatible with both Windows 98/2000/Me and Mac OS (later than 8.6).

CompactFlash™

The EI-100 includes 8MB of built-in flash memory and provides a slot for CompactFlash Type I memory cards. The built-in memory alone is capable of storing 17 Super-fine JPEG images, 25 Fine JPEG images or 50 Economy JPEG images at full size (1280 x 960 pixels).

Digital zoom and playback

Thanks to digital technology, you can double the magnification of faraway subjects with 2X digital zoom, and preview recorded snapshots on the clear LCD screen to make sure you framed the scene the way you wanted.

Manual and macro focus

Enjoy focusing free operation with two user selectable focus modes. The Normal mode focuses on any subject from 1.97ft (0.6m) to infinity, while the Macro mode focuses as close as 0.98ft (0.3m).

Built-in auto flash and red-eye reduction

In low-light conditions, the EI-100 offers assistance through a built-in flash that offers automatic discharge, flash-on, and flash-off modes. Red-eye reduction is also available with a single pre-emission discharge.

* This feature does not eliminate red eyes in all instances.

Power supply

The EI-100 runs on four commonly available lithium or alkaline AA batteries. It can also use rechargeable Ni-MH batteries. An optional AC Adaptor is also available.

Creative control

A built-in self-timer with 10-second shutter release delay provides freedom for shooting in various desired styles. Five White Balance Modes (Auto, Daylight, Shade, Tungsten Light, and Fluorescent Light) provide the creative means to express light in the intended colors. Center-weighted TTL metering and Programmed AE make it easy to set the right exposure in almost any shooting conditions.

Specifications

Type	Compact-type digital still camera with fixed focus lens, auto exposure and auto flash.				Exposure Control	Center-weighted TTL metering Programmed AE (Auto) ±2 EV (1/3EV steps).
Sensor	1.31megapixel (total pixels) (effective pixels: 1.23 megapixel), 1/3.2 inch interline transfer CCD with a primary color filter.				Metering System Exposure Modes Exposure Compensation	
Color Depth	10 bits x 3 colors.				Shutter	
Recording Pixels	1280 x 960 pixels (Full), 640 x 480 pixels (1/4).				Drive Modes	Programmed AE electronic, between-the-lens shutter Shutter speeds: approx. 1/800 sec. to 1/10 sec.
Sensitivity	Auto (equivalent to ISO100 through 400)				Flash	One shot, Self-timer
File Format	JPEG (Exif 2.1)				White Balance Digital Zoom Optical Viewfinder	Built-in auto flash. Automatic discharge in low lighting conditions in auto modes. Flash-on and flash-off modes. Red-eye reduction employs a pre-flash discharge. Effective range: 1.97ft. (0.6m) – 6.6ft (2m)
Quality Levels	"Economy", "Fine", "Super-fine"					
Built-in Memory	8MB Flash Memory					
Storage Media	CompactFlash (CF™) card Type I (optional)				LCD Monitor LCD Panel	Auto, Daylight, Shade, Tungsten Light and Fluorescent Light. Shooting 2X, Playback 2X, 4X Inverted Galilean viewfinder Field of view: 85% at 9.8ft (3m)
Image Storage Capacity	Exposure capacity when using 8MB built- in memory: Recording Pixels Economy Fine Super-fine Full (approx.) 50 25 17 1/4 (approx.) 138 69 34					
Lens	Fixed focus lens 5.5mm (Equivalent to 42mm in 35mm format) f/2.8, 5 elements in 4 groups, (2 aspherical elements).					
Focusing System	Two step zone focusing system Normal: 1.97ft to (0.6m) to infinity. Macro: 0.98ft (0.3m) to 1.97ft (0.6m).				Interfaces	TV output terminal (NTSC/PAL), USB terminal, and DC input terminal
Type					Power Sources	4 AA lithium, Ni-MH or alkaline batteries, optional AC Adapter
Focusing Range					Dimensions	4.1 x 2.6 x 1.9 inch (105 (W) x 67 (H) x 48 (D) mm)
					Weight	6.7 oz. (190g) without batteries and CF card.

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- All other brands or product names are trademarks or registered trademarks of their respective companies.
- Designs and specifications are subject to change without notice.
- It is strongly recommended that you read the entire operation manual before operating this digital still camera.