

PENTAX Digital Cameras

Optio E70L

Code No. Optio E70L 17706

Barcode 0027075152168



The Lighter Way.

- > 10 Megapixel resolution for lifelike colours and beautifully detailed images for cropped enlargements and poster size prints.
- > 2.7x optical zoom, equivalent to 32–96mm (in 35mm format) plus a 5x digital zoom.
- > Digital Shake Reduction for still and video recording. Unfavourable lighting conditions can lead to blurred pictures, so the Digital Shake Reduction system in the Optio E70L helps prevent this by increasing the sensitivity of the sensor.
- > Video mode with sound recording at 640x480 resolution and 30 frames per second.
- > Automatic Face Recognition with "Smile Detection". Get great people pictures as the Optio E70L can quickly detect up to 10 faces and set the camera automatically for superbly exposed and focussed portraits. This camera can also recognise a smile and fire automatically.
- > Highly efficient power management for up to 180 pictures with one set of lithium AA batteries.
- > Fully automatic, with Scene modes. Leave the camera on fully automatic for ease of use, or choose from numerous subject-based modes from the camera's intuitive "Mode Palette".
- > 11Mb internal memory for keeping a few favourite images to show at any time.

Standard Accessories



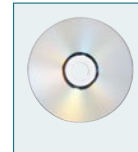
Code No. 39814
USB/AV Cable
I-AU V86



Code No. 39328
Hand Strap
O-ST51



2x AA batteries



Software S-SW86

Optional Accessories



Code No. 50212
Nylon Case NC-E2



Code No. 39270
Sports Strap
O-ST30



Code No. 39263
Leather Strap
O-ST24

TECHNICAL DATA

Additional information at www.pentax.co.uk

CCD

- 1/2.3" CCD with approx. 10 effective Megapixels
- Resolution:
10 MP, 8.9 MP (3:2), 8 MP, 5 MP, 3 MP, 2.1 MP (16:9), 2 MP, VGA (640x480)
- Sensitivity: automatic, manually selectable (ISO 64–1,600)

Lens

- 5.7–17.1 mm f/2.9–5.2 (32–96mm in 35mm format)
7 elements in 6 groups, 3 aspherical lens elements
- 2.7x optical zoom
- 5x digital zoom

Monitor

- 2.4" TFT Low reflection Monitor, approx. 112,000 dots

Image formats

- Photo: JPEG (Exif 2.2), DCF
- Video: AVI (Motion-JPEG), with sound
- Sound: WAV (mono)

Memory

- SD, SDHC cards
- approx. 11MB internal memory

Focus

- Multi-zone TTL Contrast Detection Autofocus with Centre AF
- Focussing range:
Normal: 0.6m – ∞
Macro: 0.1–0.7m at wide setting
0.3–0.7m at tele setting

Metering

- TTL metering: Multi-segment metering, centre-weighted, spot
- Program controlled electronic shutter.
Shutter speed range: approx 1/2,000–2sec.,
max. 4sec. in Night scene Mode
- Recording modes: Video, Sound, Auto, Program, Night Scene, Night Scene Portrait, Portrait, Landscape, Flower, Surf & Snow, Sport, Digital SR, Kids & Pet, Fireworks, Beach, Party, Aquarium, Copy, Backlight, Sunset
- Face recognition AF & AE, Smile Detection is available
- Exposure compensation: ±2 EV (1/3 EV steps)

Flash

- Built-in flash with automatic operation in poor lighting conditions
- Manual flash-on and flash-off modes
- Preflash for reduction of the "Red Eye" effect
- Flash range approx. (at ISO Auto):
Wide angle: approx. 0.6–3.5m
Tele: approx. 0.6–2.1m

Video

- Resolution: 640 × 480, 320 × 240 at 30fps
- Movie Shake Reduction Mode
- Sound
- Movie Edit Mode

Power Source

- 2x AA batteries (Alkaline, Lithium, rechargeable NiCd or NiMH of at least 2,500mAh)
- Battery capacity (Alkaline):
approx. 180 images*

Connectivity

- AV (compatible with NTSC and PAL)
- USB 2.0 High Speed
- AC mains with optional adaptor

Drive Modes

- Single, continuous, Burst Mode (16fps, 640x480), Self Timer (2 sec. or 10 sec.)
- White balance: Automatic, Sunny, Tungsten, Fluorescent, Cloudy

Playback functions

- Image viewing on playback: single image with histogram, 6x magnification, 9 image thumbnail view, slide show
- Resize, Rotate, Image Copy, Image Protect, DPOF

Special functions

- Menu languages: English, French, German, Spanish, Portuguese, Italian, Dutch, Japanese, Russian, Arabic, Simplified Chinese, Traditional Chinese
- Face recognition function (Face Recognition AF & AE) – up to 10 faces are recognised – available in all modes of operation
- Face Priority: this function recognises faces in shot and chooses the best settings for portrait pictures
- "Smile Capture" function: the camera releases automatically when a smiling face is identified
- Digital Shake Reduction aids the photographer in poor lighting conditions and increases sensitivity to provide a higher shutter speed
- "Date Imprint" prints date on the image (e.g. for presentations)

Shutter delay

- Switch on time: 1.7 sec.
- Shutter delay: 0.15 sec.

Print functions

- PictBridge compatible for single print, print all and DPOF Print, PRINT Image Matching

System requirements

- PC: Windows Vista, Windows XP, Windows 2000
Intel Pentium III or later
RAM: minimum 512MB
Available hard drive capacity: minimum 1GB
Other requirements: CD Rom drive, Internet Explorer 5.0 (or later), DirectX 9.0 (or later), Windows Media Player 9.0 (or later)
- Mac: OS X (10.3–10.5)
Power Macintosh 233MHz (or later)
RAM: minimum 8MB
Available hard drive capacity: minimum 6MB
Other requirements: CD Rom drive, Quick Time 4.0 (or later)

Software

- ACDSsee for PENTAX with image storage management, stitcher and image editing
- PENTAX PHOTO Browser

* Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary according to operating conditions. Tests conducted using the monitor and flash for 50% of shots.

PENTAX recommends Energizer batteries.



As of 02.02.2009. The manufacturer reserves the right to change specification, design, equipment and scope of supply without notice.

PENTAX