

# PENTAX DIGITAL COMPACT

## Optio E80



### 10 MP, 2.7" high resolution screen and HV video

- \* **10 Megapixel CCD**
- \* **2.7" LCD screen, 230 000 dots**
- \* **HDTV Video** (1280x720 pixels, 15 fps)
- \* **3x optical zoom lens**  
(equivalent to 31.5-94.5 mm in 35mm format)
- \* **Face priority mode**
- \* Digital Image Stabilisation system
- \* Sensitivity up to **ISO 6400**
- \* Subject tracking Auto-focus



<b>OPTIO E80</b> <b>White</b>	P/N 16181
gencod	0027075157859
<b>OPTIO E80</b> <b>Brown/Black</b>	P/N 16186
gencod	0027075157897
<b>OPTIO E80</b> <b>Silver</b>	P/N 16176
gencod	0027075158023

Supplied accessories	Part No.
USB Cable I—USB98	39828
Strap O-ST86	39815
Software S-SW87	39771
AA Batteries	



USB Cable



Strap



Software



AA batteries

Optional accessories	Part No.
Neoprene case	50159
Nylon case NC-E2	50212
Sport strap O-ST81	39457
Sport strap O-ST30	39270
Leather strap O-ST24	39263
Metal strap O-ST8	39166
LCD protective films	50121
AC adapter kit K-AC62E	39602



Neoprene Case  
50159



Nylon Case  
50212



Sport Strap  
39457



Sport Strap  
39270



Leather Strap  
39263



Metal Strap  
39166



LCD Protective  
Films 50121



AC Adapter Kit  
39602

These are European Codes (excl. UK)

# TECHNICAL SPECIFICATIONS – PENTAX OPTIO E80

## CCD SENSOR

<b>Number of pixels</b>	approx. 10 megapixels - effective
<b>Sensor size</b>	1/2.33" CCD
<b>Colour depth</b>	12 bits x 3 colours
<b>Image size</b>	10M (3648x2736), 7M (3072x2304), 5M (2592x1944), 3M (2048x1536), 2.1M (16:9) (1920x1080), 1024 (1024x768), 640 (640x480 pixels)
<b>Sensitivity</b>	ISO auto, 100, 200, 400, 800, 1600, 3200*, 6400*

## LENS

<b>Focal length</b>	smc 5.7 - 17.1 mm, f/2.9-5.2 (equivalent to 31.5-94.5 mm in 35mm format)
<b>Construction</b>	7 elements in 6 groups (3 aspherical elements)
<b>Optical zoom</b>	3x
<b>Digital zoom</b>	approx. 5.7x
<b>Intelligent zoom</b>	approx. 3.6x at 7M, approx. 17.1x at 640 (including optical zoom)

## LCD SCREEN

<b>Type</b>	2.7" colour LCD, approx. 230k dots
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## FILE FORMATS

<b>Photo format</b>	JPEG (Exif 2.2), DCF 2.0, DPOF, PRINT Image Matching III
<b>Video format</b>	MOV (Quick Time Motion JPEG)
<b>Sound format</b>	WAV (PCM), mono

## MEMORY

<b>External memory</b>	Compatible with SD and SDHC cards
<b>Internal memory</b>	approx. 6 MB

## FOCUSING

<b>Autofocus</b>	Contrast detection Autofocus system TTL
<b>Focus options</b>	Infinity-landscape mode, Pan Focus
<b>AF points</b>	Multi-AF 3 points zone, Standard or Pan focus, and AF Tracking (anticipating moving subject)
<b>Normal</b>	0.5m - infinity (at wide setting) 0.5m - infinity (at tele setting)
<b>Macro</b>	0.1 - 0.6m (at wide setting) 0.35 - 0.6m (at tele setting)

## EXPOSURE CONTROL

<b>TTL Metering modes</b>	Multi-segment metering
<b>System</b>	Program controlled electronic auto exposure with electronic shutter with CCD.
<b>Shutter speeds</b>	1/2000 - 1/4 sec. 4 sec max. (Night Scene mode setting)
<b>Scene modes</b>	Green, Program, Auto Picture*, Night Scene, Movie, Land scape, Flower, Portrait, Kids, Anti-vague, Sea & snow, Sport, Pets, Creative frames, Food, Night portrait, half-size portrait, Digital Panorama, Sunsets, Natural skin, Soft light
<b>Exposure compensation</b>	±2EV (1/3EV steps)

Face priority mode complies with all scene modes. It detects up to 10 faces.

\* The AutoPicture mode automatically selects the scene mode from: Standard, Landscape, Portrait, Night Portrait, Night scene, Sport, Flower, Soft light

## DIMENSIONS AND WEIGHT

<b>Dimensions</b>	101.5 x 59 x 25mm
<b>Weight</b>	125g body only, 175g loaded and ready

## FLASH

<b>Built-in flash System</b>	Integrated auto flash control Automatic activation in low light conditions
<b>Flash modes</b>	Flash-on and Flash-off modes.
<b>Other</b>	"Red-eye" reduction function.
<b>Flash range</b>	Wide: approx. 0.1 - 6m (ISO Auto) Tele: approx. 0.35 - 3.2m (ISO Auto)

## VIDEO

<b>Sound</b>	Yes
<b>Movie</b>	"Shake reduction" - stabilized video
<b>Duration</b>	Depends on memory card capacity (up to 4GB)
<b>Resolution</b>	HDTV (1280x720) 15 fps, 640x480 pixels 24 fps, 320x240 pixels 24 fps
<b>Video editing</b>	Yes

## POWER SUPPLY

<b>Batteries</b>	Compliant with 2 AA batteries (alkaline, Lithium, Nickel and Ni-mH)
<b>Capacity</b>	<b>w/ AA alkaline batteries:</b> approx 210* shots and 400mn in play mode <b>w/ AA lithium batteries:</b> approx 600* shots and 800mn in play mode
<b>Other sources</b>	Optional AC adapter

## INTERFACES

<b>Video output</b>	AV terminal (PAL/NTSC, mono)
<b>USB</b>	USB 2.0 (Hi-Speed) and AC power input

## RECORDING PARAMETERS

<b>Drive modes</b>	One shot, Self-timer (2 or 10s), Continuous Shooting (on 16 pictures)
<b>White balance</b>	Auto

## OTHER FEATURES

<b>World time</b>	75 cities, 28 time zones
<b>Languages</b>	F, GB, D, ES, P, I, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Russian, Thai, Korean, Greek, Chinese (Trad./ Simpl.), Japanese
<b>Digital filters</b>	B&W, Sepia, Colours (6), Brightness
<b>Others</b>	Vertical shooting (items on LCD screen automati cally rotate and the OK button becomes the shutter button) Noise reduction if shutter speed is below 0.25s Picture customization with creative frames Day printing, Schedule, Lost pictures recovery, Reduction of "red-eyes" effects and Portrait Zoom under Play mode, Picture selection as Start image

## SYSTEM REQUIREMENTS

<b>Operating Systems</b>	PC: Windows 2000, XP Home Edition/Professional and Vista. Mac : OS X 10.3-10.5 or above
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## SOFTWARE

ACDSee for PENTAX

\* Approximate figures according to CIPA tests conditions. Real figures depend on shooting conditions. Tests are made with LCD switched on and with flash half the time