

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



OPTIO E80 White	P/N 16181
gencod	0027075157859
OPTIO E80 Brown/Black	P/N 16186
gencod	0027075157897
OPTIO E80 Silver	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

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

LENS

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

LCD SCREEN

Type	2.7" colour LCD, approx. 230k dots
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FILE FORMATS

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

MEMORY

External memory	Compatible with SD and SDHC cards
Internal memory	approx. 6 MB

FOCUSING

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

EXPOSURE CONTROL

TTL Metering modes	Multi-segment metering
System	Program controlled electronic auto exposure with electronic shutter with CCD.
Shutter speeds	1/2000 - 1/4 sec. 4 sec max. (Night Scene mode setting)
Scene modes	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
Exposure compensation	±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

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

FLASH

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

VIDEO

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

POWER SUPPLY

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

INTERFACES

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

RECORDING PARAMETERS

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

OTHER FEATURES

World time	75 cities, 28 time zones
Languages	F, GB, D, ES, P, I, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Russian, Thai, Korean, Greek, Chinese (Trad./ Simpl.), Japanese
Digital filters	B&W, Sepia, Colours (6), Brightness
Others	Vertical shooting (items on LCD screen automatically 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

Operating Systems	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