

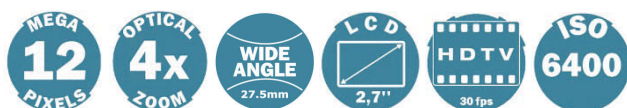
PENTAX DIGITAL COMPACT

Optio P80



12 MP, 4x wide-angle zoom lens and HD video

- * **12 Megapixel CCD**
- * **4x wide-angle zoom lens**
(equivalent to 27.5-110 mm in 35mm format)
- * **HDTV Video** (1280x720 pixels, 30 fps)
- * **2.7" LCD screen, 230 000 dots**
- * Electronic Image Stabilisation system (new technology)
- * **Face priority mode, Smile Capture and Blink Detection**
- * Sensitivity up to **ISO 6400**
- * Subject tracking Auto-focus
- * Extra slim and lightweight 105 g



OPTIO P80 White gencod	Part No. 17872 0027075156241
OPTIO P80 Black gencod	Part No. 17852 0027075156081
OPTIO P80 Green gencod	Part No. 17952 0027075156739

Supplied accessories	Part No.
AV Cable I-AVC7	39552
USB Cable I-USB7	39551
AC Cable D-CO24E	39256
Battery charger D-BC88	39775
Li-ion battery D-LI88	39774
Strap O-ST51	39328
Software S-SW87	39771

Optional accessories	Part No.
Black leather case LC-P1	50214
White leather case LC-P3	50217
Nylon case NC-P1	50213
Neoprene case	50159
DC Coupler D-DC88	39827
Extra Li-Ion Battery D-LI88	39774
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-AC88E	39789
Battery charger kit K-BC88E	39778



Leather Cases 50214 and 50217

Nylon Case 50213



Neoprene Case 50159

Extra Li-ion Battery 39774

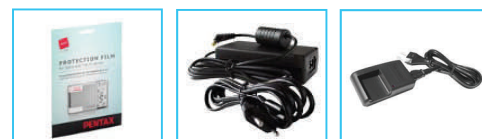
Sport Strap 39457



Sport Strap 39270

Leather Strap 39263

Metal Strap 39166



LCD protective Films 50121

AC adapter Kit 39789

Battery Charger Kit 39778

These are European Codes (excl. UK)

TECHNICAL SPECIFICATIONS – PENTAX OPTIO P80

CCD SENSOR

Number of pixels	approx. 12.1 megapixels - effective
Sensor size	1/2.3" CCD
Colour depth	12 bits x 3 colours
Image size	12M (4000x3000), 7M (3072x2304), 5M (2592x1944), 3M (2048x1536), 2.1M (16:9) (1920x1080), 1024 (1024x768), 640 (640x480 pixels)
Sensitivity	ISO auto, 64, 100, 200, 400, 800, 1600, 3200*, 6400*

LENS

Focal length	smc 4.9 - 19.6 mm, f/2.6-5.8 (equivalent to 27.5-110 mm in 35mm format)
Construction	7 elements in 6 groups (3 aspherical elements)
Optical zoom	4x
Digital zoom	approx. 6.3x
Intelligent zoom	approx. 5.2X at 7M, approx. 25X at 640 (including optical zoom)

LCD SCREEN

Type	2.7" colour LCD, approx. 230k dots, extra-wide angle viewing
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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. 33.6 MB

FOCUSING

Autofocus	Contrast detection Autofocus system TTL
Focus options	Manual Focus, infinity-landscape, Pan Focus
AF points	Multi-AF 9 points zone, Standard or Pan focus, and AF Tracking (anticipating moving subject)
Normal	0.4m - infinity (at wide setting) 0.5m - infinity (at tele setting)
Macro	0.1 - 0.5m (at wide setting) 0.5 - 0.7m (at tele setting)

EXPOSURE CONTROL

TTL Metering modes	Multi-segment metering, Centre-weighted metering, Spot metering
System	Program controlled electronic auto exposure with electronic shutter with CCD.
Shutter speeds	1/1000 - 1/4 sec. 4 sec max. (Night Scene mode setting)
Sensitivity range	Auto, Fixed (ISO 64 - 6400)
Scene modes	Green, Program, Auto Picture*, Night Scene, Movie, Landscape, Flower, Portrait, Kids, Anti-vague, Sea & snow, Sport, Pets, Creative frames, Food, Night portrait, half-size portrait, Digital Panorama, Fireworks, Parties, Natural skin, Soft light, Text, Blog, Digital Wide
Exposure compensation	±2EV (1/3EV steps)

Face priority mode complies with all scene modes. It detects up to 32 faces. Smile capture function (smile detection and auto picture) and blinking detection (eyes shut detection).

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

FLASH

Built-in flash	Integrated auto flash control
System	Automatic activation in low light conditions
Flash modes	Flash-on and Flash-off modes. Soft Flash.
Other	"Red-eye" reduction function.
Flash range	Wide: approx. 0.2 - 4.6m (ISO Auto) Tele: approx. 0.5 - 2.1m (ISO Auto)

VIDEO

Sound	Yes
Movie	"Shake reduction" - stabilized video
Duration	Depends on memory card capacity (up to 2GB)
Resolution	HDTV (1280x720) 30 fps VGA (640x480) 30 fps, QVGA (320x240) 30 fps
Video editing	Yes

POWER SUPPLY

Battery	Rechargeable D-Li88 Lithium-ion battery
Capacity	Approx 200 shots and 200min 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 (3.2 fps)
White balance	Auto, Daylight, Shade, Tungsten, Fluorescent, Manual setting
DRE	Dynamic Range Enlargement

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), Extract colour, Soft, Brightness, Custom, Creative pictures, Colours enhancement
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, Histogram, Lost pictures recovery, Reduction of "red-eyes" effects and Portrait Zoom under Play mode, Picture selection as Start image, new Electric Stabilization system, My Favourite Pictures

DIMENSIONS AND WEIGHT

Dimensions	97 x 54 x 21.5mm
Weight	105g body only, 120g loaded and ready

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