PENTAX ▶ Optio I-10

OPTIO i10	Pearl white	16457
Barcode		0027075163423
OPTIO i10	Classic Black	16472
Barcode		0027075163560

Dimensions	10.1 x 6.5 x 2.8 cm
Weight (unloaded)	132 g

VINTAGE NEW SPIRIT

* **Luxurious outlook**, inspired by PENTAX Auto 110

* **12.1 Megapixel** CCD sensor

* **Wide angle 5x** optical zoom (equ. to 28-140mm in 35mm)

* Video recording in **HDTV** compatible (1280x720 pixels, **30 fps**)

* **2.7'' 16:9 LCD** monitor, 230 000 dots

* Sensor shift **shake reduction**

* Continuous shooting: **2.6 fps**

* Customizable **green button**

* Face recognition, Smile capture and Blink detection modes

* Sensitivity up to **ISO 6400**

SUPPLIED ACCESSORIES	Art No.
AV cable I-AVC7	39552
USB cable I-USB7	39551
AC cable D-CO24E	39256
Battery charger D-BC92	39801
Li-ion battery D-LI92	39800
Strap O-ST20	39195
Software S-SW102	39855

OPTIONAL ACCESSORIES	Art No.
Ivory vintage look leather case	50234
Black vintage look leather case	50235
Ivory canvas and leather case	50236
Black canvas and leather case	50237
Battery charger kit K-BC92E	39804
AC adapter kit K-AC92E	39881
Remote control F	37377

Leather case · Leather case

Canvas and leather case · Canvas and leather case

Battery charger · AC adapter kit · Remote control F

Pix your life ▶

▶ Optio I-10 — TECHNICAL SPECIFICATIONS

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), 9M (16:9) (4000x2256), 7M (3072x2304), 5.3M (16:9) (3072x1728), 5M (2592x1944), 3.8M (16:9) (2592x1464), 3M (2048x1536), 2.1M (16:9) (1920x1080), 1024 (1024x768), 640 (640x480 pixels)
Shake Reduction	Stabilized sensor, compensation equivalent up to 2.5 exposure steps

LENS

Focal length	PENTAX 5.1 - 25.5mm, equ. to 28-140mm in 35mm
Aperture	f/3.5 - 5.9
Construction	7 elements in 6 groups (3 aspherical elements)
Optical zoom	5x
Digital zoom	Approx. 6.25x
Intelligent zoom	Approx. 6.5x at 7M, approx. 31.3x at 640 (including optical zoom)

LCD SCREEN

Type	2.7'' (6.86cm) colour LCD, approx. 230k dots, extra wide angle viewing, with AR coating

FILE FORMATS

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

MEMORY

External memory	Compatible with SD, SDHC, and Eye-Fi* cards
Internal memory	approx. 26.7 MB

FOCUSING

Autofocus	TTL Contrast detection Autofocus system
Focus options	Manual focus, Infinity-landscape, Pan focus
AF points	Multi-AF 9 points zone, Spot AF, Auto-tracking AF (anticipating moving subject)
Normal	0.4m - infinity (at wide setting), 1m - infinity (at tele setting)
Macro	0.1m - 0.5m (at wide setting), 0.2 m - 0.5m (at tele setting)
Super macro	0.08m - 0.15m (at focal length of 6.36mm) AF assist lamp at front

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	1/2000 - 1/4 sec. 4 sec max. (Night Scene mode)
Sensitivity range	ISO auto, 80, 100, 200, 400, 800, 1600, 3200, 6400
Scene modes	Auto Picture, Program, Night Scene, Night Scene Portrait, Half-length Portrait, Movie, Landscape, Flower, Portrait, Surf & Snow, Sport, Digital SR, Kids, Pet, Food, Fireworks, Frame Composite, Party, Natural Skin Tone, Candlelight, Text, Blog, Digital Wide, Digital Panorama, Green
Exposure compensation	± 2EV (1/3EV steps)

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. 0.15 - 4.0m (ISO Auto) Tele: approx. 1.0 - 2.4m (ISO Auto)

VIDEO

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

POWER SUPPLY

Battery	Rechargeable D-LI92 Lithium-ion battery
Capacity	Approx. 250 shots and 300 min in play mode
Other sources	Optional AC adapter

INTERFACES

Video output	PC / 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 10 sec), Continuous shooting (2.6 fps), High-speed continuous shooting (4.4 fps at ISO 3200 / 6400 setting) for up to 6 frames, Burst shooting, IR Remote Control
White balance	Auto, Daylight, Shade, Tungsten, Fluorescent, Manual setting
DRE	Dynamic Range Enlargement

OTHER FEATURES

World time	75 cities, 28 time zones
Languages	English, French, German, Spanish, Portuguese, Italian, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese
Digital filters	B&W, Sepia, Colours (6), Extract colour, Colour enhancement, Toy camera, Retro, High contrast, Starburst, Soft, Brightness
Others	Sensor shift Shake Reduction. Noise reduction if shutter speed exceeds 0.25 sec., face recognition (detects up to 32 faces), Smile capture (smile detection and auto-picture) and Blink detection modes (eyes shut detection), Small face filter, Slideshow, Histogram, Calendar, Resize, Cropping, Image rotation, Original frame, Frame composite, Red-eye compensation, Subscreen input, Voice recording, Protect, DPOF, Image recovery, Picture selection as Start image, Date printing, Pet recognition, Face close up playback, EyeFi* Compatible

DIMENSIONS AND WEIGHT

Dimensions	100.5 × 65 × 28 mm (including lens depth)
Weight	132 g unloaded, 153 g loaded and ready

SYSTEM REQUIREMENTS

Operating systems	PC: Windows XP SP2, Vista™ and 7 Mac: OS X 10.3.9 or above

SOFTWARE

	Arcsoft Media Impression 2.0 for PENTAX