

PENTAX

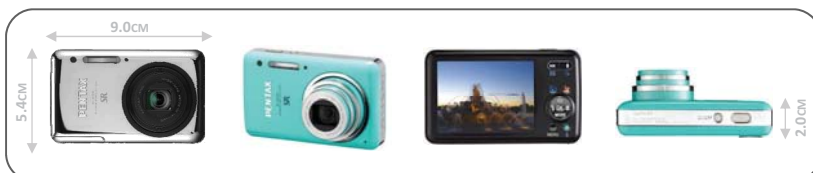
▶ Optio S1

DIGITAL COMPACT



THE SMALLEST LUXURY

- * World's smallest compact camera in its category
- * Unique chrome mirror design
- * 14 Megapixel CCD sensor
- * Wide angle 5x optical zoom (equ. to 28-140mm in 35mm)
- * Sensor-shift Shake Reduction
- * Video recording in HDTV compatible (1280x720 pixels, 30 fps)
- * 2.7" LCD monitor, 230 000 dots
- * Customizable green button
- * Face recognition, Blink detection and Smile capture modes
- * Sensitivity: ISO 64 to 6400



OPTIO S1	Black	15922
Barcode		0027075187528
OPTIO S1	Chrome	15907
Barcode		0027075187375
OPTIO S1	Green	15937
Barcode		0027075187672
Dimensions		9.0 x 5.4 x 2.0 cm
Weight (unloaded)		110 g

SUPPLIED ACCESSORIES	Art No.
AV cable I-AVC116	39011
USB cable I-USB116	39000
Li-ion battery D-LI78	39741
Power adapter kit D-PA116E	38993
Strap O-ST116	39001
Software S-SW116	39009

OPTIONAL ACCESSORIES	Art No.
Black leather case	50252
Weatherproof remote control O-RC1	39892
Leather strap O-ST24	39263
Li-ion battery D-LI78	39741
Battery charger kit K-BC78E	39745

Refined accessories have been especially designed to enhance Optio S1's luxurious outlook



Optio S1 TECHNICAL SPECIFICATIONS

CCD SENSOR

Number of pixels	Approx. 14 megapixels - effective
Sensor size	1/2.3" CCD
Colour depth	12 bits x 3 colours
Image size	14M (4288x3216), 10M (1:1) (3216x3216), 10M (16:9) (4224x2376), 7M (3072x2304), 2M (16:9) (1920x1080), 640 (640x480 pixels)
Sensitivity	Auto, Fixed (ISO 64-6400)

LENS

Focal length	PENTAX 5-25mm, equ. to 28-140mm in 35mm
Aperture	f/3.9 - 5.7
Construction	9 elements in 8 groups (4 aspherical elements)
Optical zoom	5x
Digital zoom	Approx. 6.7x
Intelligent zoom	Approx. 7x at 7M, approx. 33.5x at 640 (including optical zoom)

LCD SCREEN

Type	2.7" (6.86cm) colour LCD, approx. 230k dots, extra -wide angle viewing, Anti-Reflective coating
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FILE FORMATS

Photo format	JPEG (Exif 2.3), DCF 2.0, DPOF, P.I.M. III
Video format	AVI (Motion JPEG)
Sound format	WAV (PCM), mono

MEMORY

External memory	Compatible with SD, SDHC and SDXC cards
Internal memory	approx. 42.7 MB

FOCUSING

Autofocus	TTL Contrast detection Autofocus system
Focus options	Infinity-landscape, Pan focus, Manual focus
AF points	Multi-AF 9-point 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), 0.3m - 0.5m (at medium magnification)
Super Macro	0.05m - 0.30m (at wide setting)

EXPOSURE CONTROL

TTL Metering modes	Multi-segment, center-weighted or spot metering
System	Automatic exposure control and electronic shutter
Shutter speeds	1/1600 - 1/4 sec. 4 sec max. (Night Scene mode)
Sensitivity range	Auto, Fixed (ISO 64-6400)
Scene modes	Auto Picture, Program, Blue Sky, Landscape, Flower, Sunset, Night Scene, Night Scene Portrait, Portrait, Natural Skin Tone, Food, Digital SR, Kids, Pet, Sport, Surf & Snow, Fireworks, Frame Composite, Party, Candlelight, Text, Miniature Filter, HDR Filter, Movie, 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
Other	"Red-eye" reduction function
Flash range	Wide: approx. 0.3m - 3.6m (ISO Auto) Tele: approx. 1.0m - 2.5m (ISO Auto)

VIDEO

Sound	Yes
Movie	Digital Shake reduction - stabilized video
Duration	Depends on memory card capacity
Resolution	HDTV (1280x720) at 30/15 fps VGA (640x480) at 30/15 fps QVGA (320x240) at 30/15 fps
Video editing	Yes

POWER SUPPLY

Battery	Rechargeable D-LI78 Lithium-ion battery
Capacity	Approx. 180 shots* and 120 min** in play mode

INTERFACES

Video output	PC / AV terminal (PAL/NTSC)
USB	USB 2.0 (Hi-Speed)

RECORDING PARAMETERS

Drive modes	One shot, Self-timer (2 or 10 sec), Continuous shooting, Burst Shooting, Remote Control (immediately, 3 sec)
White balance	Auto, Daylight, Shade, Tungsten light, Fluorescent light, Manual setting
DRE	Shadows and highlights adjustments

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, Toy Camera, Retro, Colour, Extract Colour, Colour Emphasis, Soft, Brightness
Others	Sensor-shift Shake Reduction, Digital SR, Noise reduction when shutter speed is slower than 1/4 sec., Face recognition (detects up to 16 faces), Smile capture (smile detection and auto-picture), Blink detection, Slideshow, Miniature Filter, Image Rotation, HDR Filter, Digital Filters, Frame Composite, Movie Edit, Red-eye Compensation, Resize, Cropping, Image/Sound Copy, Voice Memo, Protect, DPOF, Start-up Image

DIMENSIONS AND WEIGHT

Dimensions	90 × 54 × 20 mm (including lens depth)
Weight	110 g unloaded, 126 g loaded and ready

SYSTEM REQUIREMENTS

Operating systems	PC: Windows XP SP3, Vista™ and 7 Mac: OS X 10.3.9 or above
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SOFTWARE

PC: Arcsoft Media Impression 3.0 for PENTAX Mac: Arcsoft Media Impression 2.1 for PENTAX

* Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary depending on operating conditions.

** According to the result of PENTAX in-house testing.