

PENTAX

▶ Optio RZ10

DIGITAL COMPACT



BIG 10X ZOOM AND COMPACT

- * **Wide angle 10x f/3.2-5.9 optical zoom (equ. to 28-280mm)**
- * **14 Megapixel CCD sensor**
- * Video recording in **HDTV (1280x720 pixels), 30 fps**
- * **Compact and lightweight: 97 × 61 × 33 mm**
- * Sensitivity up to **ISO 6400**
- * Sensor shift **Shake Reduction**
- * **2.7" LCD** monitor, 230 000 dots
- * Super-Macro 1cm
- * Available in 5 colours



OPTIO RZ10	Pure White	16827
Barcode		0027075173026

OPTIO RZ10	Classic Black	16812
Barcode		0027075172883

OPTIO RZ10	Violet	16862
Barcode		0027075173309

OPTIO RZ10	Lime	16842
Barcode		0027075173163

OPTIO RZ10	Blood Orange	16882
Barcode		0027075173446

Dimensions	9.7 x 6.1 x 3.3 cm
Weight (unloaded)	157 g

SUPPLIED ACCESSORIES

	Art No.
AV cable I-AVC7	39552
USB cable I-USB7	39551
AC cable D-CO24E	39256
Li-ion battery D-LI92	39800
Battery charger D-BC92E	39801
Strap O-ST104	39857
Software S-SW111	39094

OPTIONAL ACCESSORIES

	Art No.
Black leather case	50254
Black leather strap O-ST24	39263
Li-ion battery D-LI92	39800
Battery charger kit K-BC92E	39804
AC adapter kit K-AC92E	39881



Leather case



Leather strap



Li-ion battery



Battery charger kit



AC adapter kit

CCD SENSOR

Number of pixels	Approx. 14.1 megapixels - effective
Sensor size	1/2.33" CCD
Colour depth	12 bits x 3 colours
Image size	14M (4288x3216), 10M (16:9) (4224x2376), 10M (3216x3216), 7M (3072x2304), 2M (16:9) (1920x1080), 640 (640x480 pixels)
Sensitivity	ISO auto, 80 - 6400

LENS

Focal length	PENTAX 5.0-50.0mm, equ. to 28-280mm in 35mm
Aperture	TBD f/3.2 - 5.9
Construction	9 elements in 6 groups (5 aspherical elements)
Optical zoom	10x
Digital zoom	Approx. 6.7x
Intelligent zoom	Approx. 14x at 7MP, approx. 67x at 640 (including optical zoom)

LCD SCREEN

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

Photo format	JPEG (Exif 2.3), 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. 82.7 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), 0.9m - infinity (at tele setting)
Macro	0.1m - 0.5m (at wide setting), 0.3m - 0.5m (at medium magnification length)
Super Macro	0.01m - 0.3m (at focal length of 7.3mm)

EXPOSURE CONTROL

TTL Metering modes	Multi-segment, Center-weighted or 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	Auto, Fixed (ISO 80-6400)
Scene modes	Auto Picture, Program, Portrait, Night Scene Portrait, Night Scene, Movie, Landscape, Blue Sky, Sunset, Flower, Sport, Pet, Digital SR, Natural Skin Tone, Kids, Fireworks, Frame composite, Party, Food, Candlelight, Text, Surf & Snow, Digital Wide, Digital Panorama, Green
Exposure compensation	± 2EV (1/3EV steps)

* 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.

FLASH

Built-in flash	Integrated auto flash control
System	Automatic activation in low light conditions
Flash modes	Flash-on, Flash-off, Soft flash modes
Other	"Red-eye" reduction function
Flash range	Wide: approx. 0.2m - 5.3m (ISO Auto) Tele: approx. 0.9m - 2.8m (ISO Auto)

VIDEO

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

POWER SUPPLY

Battery	Rechargeable D-LI92 Lithium-ion battery
Capacity	Approx. 260* shots and 300** min in play mode
Other sources	Optional AC adapter

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 (1.0 fps), Burst shooting (L/M/H) L: approx. 3.7fps for up to 14 frames at 5MP M: approx. 6.3fps for up to 20 frames at 5MP H: approx. 9.1fps for up to 40 frames at 5MP
White balance	Auto, Daylight, Shade, Tungsten, 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, Colours, Extract colour, Colour Emphasis, High Contrast, Soft, Starburst, Brightness
Others	Sensor-shift Shake Reduction, Pixel Track SR, Noise reduction when shutter speed is slower than 1/4 sec., Face recognition (detects up to 32 faces), Smile capture (smile detection and auto-picture), Blink detection, Pet recognition, Slide-show, Image Rotation, Small Face filter, Digital Filter, Frame composite, Movie Edit, Red-Eye compensation, Resize, Cropping, Image / Sound copy, Voice memo, Protect, DPOF, Face close-up playback, Startup image, Eye-Fi compatible

DIMENSIONS AND WEIGHT

Dimensions	97 × 61 × 33 mm (including lens depth)
Weight	157 g unloaded, 178 g loaded and ready

SYSTEM REQUIREMENTS

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

Arcsoft Media Impression 2.0 for PENTAX