

# 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

MEGA  
**14**  
PIXELS

OPTICAL  
**10x**  
ZOOM

WIDE  
ANGLE  
28mm

LCD  
2.7"

HDTV  
30f./sec.

ISO  
**6400**



<b>OPTIO RZ10</b>	<b>Pure White</b>	16827
Barcode		0027075173026

<b>OPTIO RZ10</b>	<b>Classic Black</b>	16812
Barcode		0027075172883

<b>OPTIO RZ10</b>	<b>Violet</b>	16862
Barcode		0027075173309

<b>OPTIO RZ10</b>	<b>Lime</b>	16842
Barcode		0027075173163

<b>OPTIO RZ10</b>	<b>Blood Orange</b>	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**

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

**LENS**

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

**LCD SCREEN**

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

<b>Photo format</b>	JPEG (Exif 2.3), DCF 2.0, DPOF, PRINT Image Matching III
<b>Video format</b>	AVI (Motion JPEG)
<b>Sound format</b>	WAV (PCM), mono

**MEMORY**

<b>External memory</b>	Compatible with SD, SDHC and Eye-Fi cards
<b>Internal memory</b>	approx. 82.7 MB

**FOCUSING**

<b>Autofocus</b>	TTL Contrast detection Autofocus system
<b>Focus options</b>	Manual focus, Infinity-landscape, Pan focus
<b>AF points</b>	Multi-AF 9 points zone, Spot AF, Auto-tracking AF (anticipating moving subject)
<b>Normal</b>	0.4m - infinity (at wide setting), 0.9m - infinity (at tele setting)
<b>Macro</b>	0.1m - 0.5m (at wide setting), 0.3m - 0.5m (at medium magnification length)
<b>Super Macro</b>	0.01m - 0.3m (at focal length of 7.3mm)

**EXPOSURE CONTROL**

<b>TTL Metering modes</b>	Multi-segment, Center-weighted or Spot metering
<b>System</b>	Program controlled electronic auto exposure with electronic shutter with CCD
<b>Shutter speeds</b>	1/2000 - 1/4 sec. 4 sec max. (Night Scene mode)
<b>Sensitivity range</b>	Auto, Fixed (ISO 80-6400)
<b>Scene modes</b>	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
<b>Exposure compensation</b>	± 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**

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

**VIDEO**

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

**POWER SUPPLY**

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

**INTERFACES**

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

**RECORDING PARAMETERS**

<b>Drive modes</b>	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
<b>White balance</b>	Auto, Daylight, Shade, Tungsten, Fluorescent light, Manual setting
<b>DRE</b>	Shadows and highlights adjustments

**OTHER FEATURES**

<b>World time</b>	75 cities, 28 time zones
<b>Languages</b>	English, French, German, Spanish, Portuguese, Italian, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese
<b>Digital filters</b>	B&W, Sepia, Toy camera, Retro, Colours, Extract colour, Colour Emphasis, High Contrast, Soft, Starburst, Brightness
<b>Others</b>	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**

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

**SYSTEM REQUIREMENTS**

<b>Operating systems</b>	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