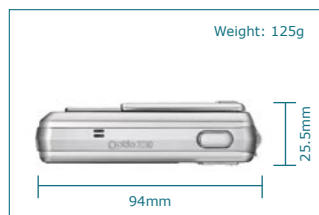


## PENTAX Digital Cameras

# Optio Z10

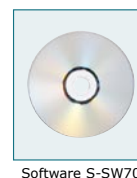
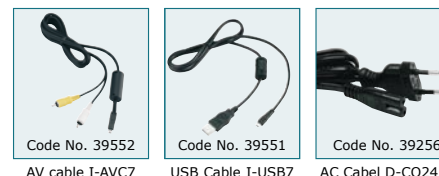


### The smallest Paparazzo in the world.

- > The "Z" of this new product series stands for zoom. And everything revolves around the zoom with this camera. Zoom range: 38–266mm
- > New "Intelligent Zoom" function. Unless you're making 24x30cm enlargements then the maximum resolution of the camera isn't needed. Very often a resolution that is sufficient for 10x15cm prints is all you need. At the lower resolution the remaining pixels can be used to extend the zoom range by a factor of up to 16.3x for loss-free images. Combined with the digital zoom this can give you an astounding maximum focal length of 1,350mm!
- > "Digital Wide" for demanding wide-angle photographs. Two single shots are combined by a unique camera function and stored as a 28mm wide-angle photograph.
- > A special protection cover – that also serves as the main On/Off switch – offers optimal protection for the high-performance lens.
- > With its extended focal length range the Optio Z10 is suitable for sport photography as well as snapshots. And the speed of operation makes it a joy to carry.
- > To keep your valuable shots blur-free the camera offers an effective digital "Shake Reduction" function.
- > With the automatic face recognition function the Z10 can recognize up to 15 faces in the picture and make the necessary settings for the perfect exposure.
- > The large and brilliant monitor with a 170° viewing angle offers the best viewing characteristics thanks to "IPS Technology", making a bright view possible from extreme angles.

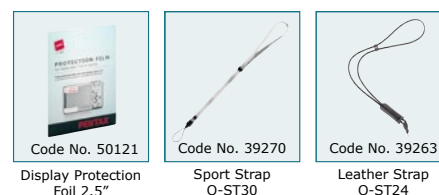
Optio Z10 Code No. <b>SILVER</b>	<b>19325</b>
Barcode	<b>0027075130685</b>
Optio Z10 Code No. <b>Black</b>	<b>19476</b>
Barcode	<b>0027075134980</b>

#### Standard Accessories



Software S-SW70

#### Optional accessories



# PENTAX

## TECHNICAL DATA

### CCD

- 8.29 Megapixel – total  
8.0 Megapixel – effective  
1/2.5" Interline Transfer CCD with primary colour filter
- Resolution: 8 MP (3,264x2,448), 5 MP (2,592x1,944),  
4 MP (2,304x1,728), 3 MP (2,048x1,536),  
2 MP (1,600x1,200), 1,024x768, 640x480
- Sensitivity: automatic, manual selectable  
(ISO 64, 100, 200, 400, 800, 1,600, 3,200)

### Lens

- 6.3–44.1mm/3.5~5.4 (38–266mm in 35mm film format)  
12 elements in 9 groups (2 double-sided aspherical lens elements,  
2 single-sided aspherical lens elements)
- 7x optical zoom, 5.1x digital zoom
- For photographs with a less than maximum resolution (8.0 megapixels) the "Intelligent Zoom" uses the unused pixels to extend the zoom range  
5MP – 8.8x, 4MP – 9.9x, 3MP – 11.2x,  
2MP – 14.3x, 1MP – 22.3x and 0.6MP – 35.7x

### Monitor

- 2.5" TFT Monitor, approx. 230,000 pixels
- Image viewing on playback:  
Single image with histogram, 8X magnification, 9 image thumbnail view, "Face Playback", slide show, image rotation

### Image formats

- Photo: JPEG (Exif 2.2), DCF, DPOF
- Video: AVI (Motion JPEG), with sound
- Sound: WAV (PCM, mono)

### Memory

- SD card
- SDHC card
- approx. 52.MB internal memory

### Focus

- 9-Point TTL Contrast Detection System, focus set by various Picture Modes, Spot AF, manual focus and Panfocus
- Photo  
Normal: 0.4m – ∞ (wide angle)  
Macro: 0.08m – 0.5m (wide angle)  
Landscape: ∞

### Metering

- Multi-field TTL metering, switchable between Multi-field, Centre weighted or Spot metering
- Programme controlled electronic  
Shutter speed range: approx 1/1,440–4 sec.
- Recording modes: Video, Sound, Digital "Shake Reduction", Auto Pict., Programmed automatic, Night scene, Landscape, Flowers, Natural Skin Tones, Portrait, Children, Sport, Surf & Snow, Food, Pets, Jewellery
- "Face Priority" for Portrait, Natural Skin Tone and Children modes
- Exposure compensation: ±2 EV (1/3 EV steps)

### Flash

- Built-in flash with automatic operation in poor lighting conditions
- Manual flash-on and flash-off modes, Soft Flash
- Preflash for reduction of the "Red Eye" effect
- Flash range at ISO Auto  
Wide angle: approx. 0.16–5.4m  
Tele: approx. 0.3–4.0m

### Video\*\*

- Resolution: 640 × 480, 320 × 240
- Edit Function: save as photo, individual sequence or multiple scenes spliced together
- Movie "Shake Reduction" for blur-free videos
- Frame rate: 30fps or 15fps (with sound)

### Power requirements

- Rechargeable Li-Ion battery D-LI72
- Battery capacity: approx. 180 pictures\*  
approx. 150 min. playback
- AC mains adapter (optionally available)

### Interface

- AV (compatible with NTSC and PAL)
- USB 2.0 connection (high speed)
- AC mains connection

### Drive modes

- Single, continuous (Standard and High Speed),  
Self-timer (2 or 10 sec.)
- White balance: Automatic or manual, Daylight, Tungsten, Cloudy, Neon

### Playback functions

- Digital and colour filters, Frame composite, Slideshow, Enlargement, Trimming, Image & Sound Copy, Image Rotation

### Special features

- World time for 75 cities, 25 time zones
- Menu languages: English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Polish, Portuguese, Russian, Swedish, Spanish, Turkish, Chinese, Japanese Korean, Thai
- Clock function with "OK" button

### Operation speeds

- Switch on to ready: 1.4sec.
- Shutter delay: 0.03sec.
- Automatic "Noise Reduction" at shutter speeds longer than 1sec.

### Print functions

- PictBridge compatible for single print, print all and DPOF Print, PRINT Image Matching III

### System requirements

- PC: Windows 2000 and XP Home Edition/Professional (compatible with Windows Vista)
- CPU: Pentium III 500MHz or newer
- RAM: minimum 128MB
- Available hard drive capacity: minimum 50MB
- Mac: OS 9.2 (with latest version CarbonLib) or higher with QuickTime 6.0
- CPU: POWER Macintosh Processor with minimum 266MHz
- RAM: minimum 8MB,
- Available hard drive capacity 6 MB

### Software

- ACDSsee for PENTAX, with image data bank, Stitcher and image editing programme

### Additional information at [www.pentax.co.uk](http://www.pentax.co.uk)

- \*Recording capacity shows approximate number of shots recorded during CIPA compliant testing. Actual performance may vary according to operating conditions. Tests conducted using the monitor and flash for 50% of shots.
- \*\*Videos cannot be shown on Macintosh computers.

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