PENTAX Digital Cameras

Optio S12

Weight: 110g

21.0mm

87.0mm

2.5"

54.0mm

87.0mm
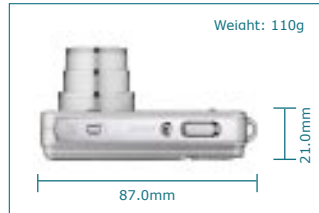
A big screen for fine details.

> 12 Megapixels. New 1/1.7" CCD Sensor and new processor provide for excellent imaging results.

> Face Recognition – People are the most frequent photographic subjects. Up to 15 faces can be recognized and, if necessary, held by the Autotracking function for as long as the focus is held and the photo is in snapped.

> 3x optical, 6x digital zoom

> Digital Shake Reduction for photo and video

> 18 Picture Modes

> Dynamic Range Adjustment. Light and shade are important components of photography. For a long time "shade" meant a muddy darkness in the picture. With this new function the PENTAX Optio S12 brings a little light back into the dark and lightens these areas.

> Super Macro (from 6cm)

> Brighter and clearer 2.5" TFT monitor with 232,000 dots. The surface of the monitor is anti-reflection coated and provides an extremely clear and brilliant image. Picture control is possible from awkward angles thanks to a viewing angle of 170°.

> Picture date display. The date display at the edge of the image can be seen when the image is shown on the television as well as on prints.

PictBridge ACDSee for PC and Mac Red by FotoNation SR Shake Reduction DivX VIDEO CERTIFIED ENCODER SDHC SD

Standard Accessories

Code No. 39553	Code No. 39551	Code No. 39475
AV Cable I-AVC7	USB Cable I-USB7	AC Cable D-CO2E
Code No. 39636	Code No. 39635	Code No. 39195
Battery charging station D-BC68	Li-Ion battery D-LI68	Hand strap O-ST20
Code No. 39553		
Software S-SW80		

Optional Accessories

Code No. 50181	Code No. 50180	Code No. 50097
Leather case, Pink	Leather case, Aqua Blue	Leather case LC-S1
Code No. 50113	Code No. 39613	Code No. 39640
Nylon case NC-S1	AC mains adapter kit K-AC63E	Battery charging kit K-BC68E
Code No. 37376	Code No. 37377	Code No. 39270
IR Remote Control E with zoom function	IR Remote Control F without zoom function	Sport Strap O-ST30
Code No. 39263	Code No. 50121	
Leather Strap O-ST24	Display protection foil 2,5"	

Digital compact cameras

PENTAX

CCD
- 12.0 Megapixels – effective
  1/1.7" Interline Transfer CCD with Primary Colour Filter
- Resolution: 12MP (4,000 x 3,000), 10MP (3,264 x 2,448),
  7 MP (3,072 x 2,304), 5 MP (2,592 x 1,944),
  3 MP (2,048 x 1,536), 1,024 x 768, 640 x 480
- Colour depth: 3 x 12 bit
- Sensitivity: automatic, manual selectable
  (ISO 64, 100, 200, 400, 800, 3,200*)
- * in Digital Shake Reduction mode

Lens
- 7.9–23.7mm / 2.8–5.4 (37–111mm in 35mm film format),
  7 elements in 5 groups, (3 double-sided aspherical lens
  elements), 1 single-sided aspherical lens element
- 3x optical zoom
- 6x digital zoom – approximate
- Intelligent Zoom up to 19.9x

Monitor
- Low reflection 2.5" TFT Monitor with anti-reflection coating,
  170° viewing angle 100% view, approx. 232,000 dots
- Image viewing on playback:
  Single image with histogram, recording data, 8X magnification,
  9 image thumbnail view, slide show, image rotation, Face Zoom,
  picture area dimension change, cropping, digital filter, framing,
  video editing, deleted file recovery

Image formats
- Photo: JPEG (Exif 2.2), DCF, DPOF
- Video: AVI (MPEG-4, DivX®-Format 640 x 480), with sound
- Sound: WAV (PCM, mono)

Memory
- SD, SDHC cards (up to 32GB)
- approx. 21MB internal memory

Focus
- 5-point TTL Contrast Detection System with focus-assist light,
  switchable between Spot AF and manual focus, Pan Focus,
  focusing set by various Picture Modes
- Focussing range:
  Normal: 0.35m–∞
  Macro: 0.12–0.4m (wide angle)
  Supermacro: 0.06–0.15m (wide angle)

Metering
- TTL multi field metering, switchable between Multi-field,
  Centre-weighted or Spot metering
- Programme controlled electronic
  Shutter speed range: approx 1/2,000 – 4 sec.
- Recording modes: Video, Sound, Digital Shake Reduction,
  Auto Pict., Programmed automatic, Night scene, Landscape,
  Flowers, Natural Skin Tone, Portrait, Children, Sport,
  Surf & Snow, Food, Pets, Text, Jewellery
- "Face Priority" for Portrait, Natural Skin Tone and Children,
  Automatic Face Recognition with Face Tracking
- 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
- Preflash for reduction of the "Red Eye" effect
- Flash range: (at ISO Auto)
  Wide angle: approx. 0.06–6.8m
  Tele: approx. 0.35–3.5m

Video**
- Resolution: 640 × 480 pixels, 320 × 240
- Editing function: Save as photo, sequence or scene splicing
- Video recording is MPEG-4 compatible, memory-saving DivX®
  format so large video files can become saved with good quality
- Movie "Shake Reduction" for blur-free video clips
- Frame rate: 30 fps

Power requirements
- Rechargeable Li-Ion battery D-LI68
- Battery capacity: approx. 270 pictures*
                 approx. 270 min. playback
- AC mains adapter (optionally available)

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

Drive modes
- Single, multiple exposure, continuous, Self-timer (2 or 10 sec.)
  Remote Control (0 or 3 sec.)
- White balance: Automatic or manual, Daylight, Tungsten,
  Cloudy, Neon

Playback Functions
- 5 digital filters, 13 colour filters, frame function, slide show,
  picture area dimension change, cropping, image and sound
  copying, image rotation

Special functions
- World time for 75 cities, 28 time zones
- Menu languages: English, Czech, Danish, Dutch, Finnish, French,
  German, Hungarian, Italian, Polish, Portuguese, Russian, Swedish,
  Spanish, Turkish, Chinese, Japanese, Korean, Thai
- "Intelligent Zoom shot" for images with a less than the maximum
  resolution (12.0 megapixels): the camera uses the unused pixels
  for an increased zoom range
- Digital Shake Reduction and Face Recognition function
  (Face Recognition AF&AE) in all modes
- Portrait recognition with Face Selector:
  fully automatic focusing and exposure – automatic object
  recognition within the autofocus frame
- 18 different Picture Modes

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 6MB

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

* Recording capacity shows approximate number of shots recorded during CIPA-
compliant testing. Actual performance may vary according to operating condi-
tions. Tests conducted using the monitor and flash for 50% of shots.

** Videos cannot be shown on Macintosh computers.

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Digital compact cameras

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