PENTAX Digital Cameras

Optio E50

Weight: 120g

22mm

96.5mm

2.4"

60mm

96.5mm
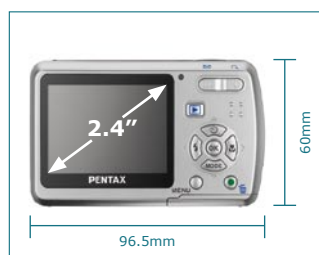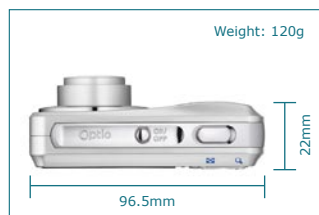
Make the blink of an eye a great moment

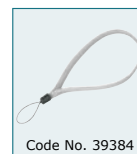> 8.1 Megapixel resolution for images of optimal photographic quality – and for outstanding cropped enlargements and posters.

> PENTAX zoom lens with high-quality optical glass lens, 3 aspherical lens elements, with 3X optical and 4X digital zoom.

> Video function recorded in 640x480 resolution at 30fps and video with sound at 15fps.

> Automatic Face Recognition for perfectly exposed and focused people shots.

> Good pictures should be a snap with a modern camera but many pictures still fail due to blurring. With digital Shake Reduction great shots can be had even under poor lighting conditions.

> Particularly good battery management enables up to 250 shots with one set of AA batteries.

> 16 shot series - continuous shooting mode can record up to 16 consecutive images (640x480 resolution) in a 2-second burst. The perfect solution to analysing high-speed sports.

> The wider the picture angle the more exciting the picture. The Optio E50 combines 3 shots into a perfect panorama.

PictBridge ACDSee For PC and Mac SDHC SD

Standard Accessories
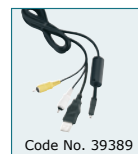
Code No. 39389	Code No. 39384	
USB-/AV-Cable I-UAV77	Strap O-ST62	Software S-SW77

Optional accessories
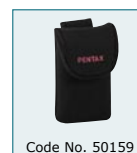
Code No. 50153	Code No. 50159	Code No. 39602
Nylon case NC-E1	Neoprene case LC-W1	AC Mains adapter K-AC62E
Code No. 39270	Code No. 39263	
Sport Strap O-ST30	Strap O-ST24	
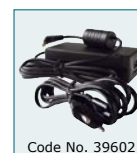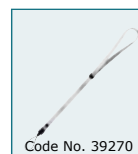
Digital Compact Camera

PENTAX

TECHNICAL DATA

CCD

- 8,0 Megapixel – total
  8.1 Megapixel – effective
  1/2.5" Interline Transfer CCD with primary colour filter
- Resolution: 8 MP (3,264 x 2,448), 5 MP (2,592 x 1,944),
  4 MP (2,304 x 1,728), 3 MP (2,048 x 1,536),
  2 MP (1,600 x 1,200), 1024 (1,024 x 768),
  640 (640 x 480) pixels
- Sensitivity: automatic, manual selectable (ISO 100 – 1,600*)
  *in Digital Shake Reduction Mode

Lens

- 6.2 – 18.6 mm / 2.8~5.2 (37.5 – 112.5mm in 35mm film format)
  6 elements in 5 groups, 3 double sided aspherical lens elements
- 3x optical zoom
- 4x digital zoom

Monitor

- 2.4" TFT Monitor, 100% image view, approx. 110,000 pixels,
  with brightness control
- Image viewing on playback:
  Single image with histogram, 8x magnification, 9 image thumbnail
  view, slide show, image rotation, calendar

Image formats

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

Memory

- SD-/SDHC card
- approx. 9.5 internal memory

Focus

- TTL Contrast Detection System with AF assist lamp for poor
  lighting conditions
- 3 point multi AF or Spot AF, switchable between continuous AF,
  manual focus, Pan Focus
- Focusing range 40cm to infinity
- Macro: 15 – 50cm

Metering

- TTL Multi-segment metering
- Programme controlled electronic Shutter speed range:
  approx 1/2,000 – 4 sec.
- Recording modes: Video, Sound, Auto Pict., Programmed
  automatic, Night scene, Landscape, Flowers, Portrait, Children,
  Sport, Surf & Snow, Pets, Jewellery, Panorama
- „Face Priority" in modes: Auto Pict, Programme, Portrait,
  and Children
- 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 approx. 0.15 – 6.0m (wide angle)
  approx. 0.40 – 3.2 (tele)

Video

- Resolution: 640 (640 x 480), 320 (320 x 240)
- Frame rate: 30 or 15fps (with sound)

Power requirements

- 2x AA batteries (Alkaline, Lithium, Nickel and rechargeable Ni-MH
  with minimum 2,500 mAh)
- Battery capacity: Alkaline
  Recording* approx. 250
  Playback*   approx. 340 min
- AC mains adapter (optionally available)

Connections

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

Recording Parameters

- Single, continuous, Video, Self-timer
  (2 or 10 sec.), 16 shot series
- White balance: Automatic

Special features

- Menu languages: English, Czech, Danish, Dutch, Finnish, French,
  German, Hungarian, Italian, Polish, Portuguese, Russian, Swedish,
  Spanish, Turkish, Chinese, Japanese, Korean, Thai

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 500 MHz 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 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

We recommend Energizer batteries

** Videos cannot be shown on Macintosh computers.

As of 01.02.2008. All data reserved and can be changed without notice.

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