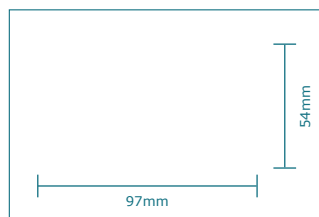
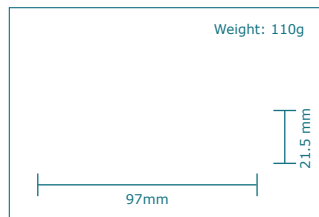


PENTAX Digital Cameras

Optio P70

Code No. Optio P70	SILVER	17564
Barcode	0027075150713	
Code No. Optio P70	BLACK	17584
Barcode	0027075150966	
Code No. Optio P70	RED	17604
Barcode	0027075151161	
Code No. Optio P70	DEEP BLUE	17684
Barcode	0027075151963	
Code No. Optio P70	WHITE	17624
Barcode	0027075151369	



It's Showtime!

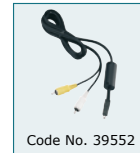
- > 12 Megapixel resolution for superbly detailed images, ideal for enlargements and poster sized prints.
- > 4x optical zoom lens, equivalent to 27.5–110mm in 35mm format, plus 6.3x digital zoom.
- > Pixel Track: Pixel track is a new and innovative technology for bright and pin sharp images. Poor light conditions and shaky hands are no problem as Pixel Track compensates for unwanted camera movement that would usually lead to unsharp results.
- > Automatic face recognition with "Smile Detection". The Optio P70 can detect up to 32 faces with lightning speed (0.03 sec) and sets the camera automatically for perfectly exposed and focussed people pictures.
- > HD (High Definition) Movie mode. Video can be recorded in high definition at 1280x720 pixel resolution.
- > Ergonomic design. For ease of use and comfortable handling the function buttons are clearly laid out and well positioned. Images and menus are displayed on screen with superb clarity.
- > Additional features: Extremely slim design, bright and contrasty 2.7" LCD monitor, 24 modes, auto macro, approx. 34MB internal memory.

Packing data:

Dimensions (LxWxH): 180x140x80mm
Weight: 760g



Standard Accessories



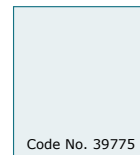
AV Cable
I-AVC7



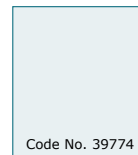
USB Cable
I-USB7



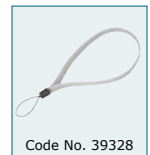
AC plug cable
D-CO24E



Battery Charger
D-BC88



Li-Ion Battery
D-LI88

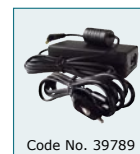


Hand Strap
O-ST51

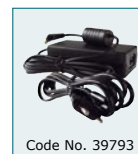


Software
S-SW87

Optional Accessories



AC Adapter Kit
K-AC88E



AC Adapter Kit
K-AC88H
UK-Plug



AC Camera Adaptor
D-DC88



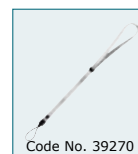
Battery Charging Kit
K-BC88E



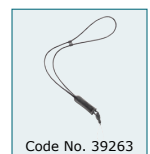
Battery Charging Kit
K-BC88H
UK-Plug



Neoprene case
NC-U1



Sports Strap
O-ST30



Leather Strap
O-ST24

PENTAX

TECHNICAL DATA

Additional information at www.pentax.co.uk

CCD

- 1/2.3" CCD with approx. 12 effective Megapixels
- Resolution: 12 MP, 7 MP, 5 MP, 3 MP, 2.1 MP (16:9), 1,024, 640x480
- Sensitivity: automatic, manually selectable (ISO 64 – 6,400)

Lens

- 4.9–19.6 mm f/2.6–5.8 (27.5–110mm in 35mm format)
- 7 elements in 6 groups, 3 aspherical lens elements
- 4x optical zoom
- 6.3x digital zoom
- up to 25x intelligent zoom

Monitor

- 2.7" IPS TFT Low reflection Monitor, approx. 230,000 dots, 170° Viewing angle

Image formats

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

Memory

- SD, SDHC cards
- approx. 34MB internal memory

Focus

- 9 point TTL Contrast Detection Autofocus with Spot AF, Focus Tracking AF selectable according to subject mode, Pan focus mode, Manual focus mode
- Focussing range:
Normal: 0.4m – ∞
Macro: 0.1 – 0.5m

Metering

- TTL metering: Multi-segment, Centre-weighted and Spot metering
- Program controlled electronic shutter. Shutter speed range: approx 1/1,000 – 1/4sec., max. 4sec. in Night scene Mode
- Recording modes: Video, Sound, Auto Picture, Program, Night Scene, Night Scene Portrait, Half-length Portrait, Movie, Landscape, Flower, Portrait, Surf & Snow, Sport, Digital SR, Kids, Pet, Food, Fireworks (4 sec.), Frame Composite, Party, Natural Skin Tone, Candlelight, Text, Blog, Digital Wide, Digital Panorama, Green, Vertical Snap
- Face recognition AF & AE is available in all modes. 32 people at most. Smile Capture. Blink Detection.
- 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 mode
- Preflash for reduction of the "Red Eye" effect
- Flash range approx. (at ISO Auto):
Wide angle: approx. 0.2 – 4.6m
Tele: approx. 0.5 – 2.1m

Video

- Resolution: 1280x720 (HDTV) at 15fps, 640x480, 320x240 at 15 or 30fps
- Edit function: save as a photo, edit sequences or stitch clips together
- Move Shake Reduction Mode
- Sound

Power Source

- Rechargeable Li-Ion battery D-LI88
- Battery capacity: approx. 200 images*
approx. 220min. playback*
- Optional AC mains adapter available

Connectivity

- AV (compatible with NTSC and PAL)
- USB 2.0 High Speed
- AC mains with optional adaptor

Drive Modes

- Single, continuous, High Speed shooting at 3.6fps and 5 MP, Self Timer (2 sec. or 10 sec.)
- White balance: Automatic, Daylight, Shade, Tungsten, Fluorescent, Manual

Playback functions

- Image viewing on playback: single image with histogram, image capture data, 10x magnification, 4 or 9 image thumbnail view, slide show, image rotation, album setting
- Resize, Cropping, Image/Sound Copy, Digital Filter (Colour Filter (11 kinds), Soft Filter, Brightness Filter), Movie Edit, Frame Composite, Red-eye Removal tool, Voice Memo, Protect, DPOF, Favourites, Image Recovery, Start-up Screen, Face close-up playback

Special functions

- World Time function for 75 cities in 28 Time Zones
- Menu languages: English, French, German, Spanish, Portuguese, Italian, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkey, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese
- Intelligent Zoom extends the digital zoom range whilst retaining image quality for a pre-set print size
- Face recognition function (Face Recognition AF & AE) – up to 32 faces are recognized – available in all modes of operation
- Face Priority: this function recognises faces in shot and chooses the best settings for portrait pictures
- "Smile Capture" function: the camera releases automatically when a smiling face is identified, and "Blink Detection" warns if the subject has blinked
- Digital Shake Reduction aids the photographer in poor lighting conditions and increases sensitivity to provide a higher shutter speed
- Pixel Track SR
- Vertical Snapshot: alters button function and playback display for vertical shots like portraits
- "Date Imprint" prints date on the image (e.g. for presentations)

Shutter delay

- Start up time: 1.8 sec.
- Shutter delay: 0.033 sec.

Print functions

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

System requirements

- PC: Windows Vista, Windows XP, Windows 2000
Intel Pentium III or later
RAM: minimum 512MB
Available hard drive capacity: minimum 1GB
Other requirements: CD Rom drive, Internet Explorer 5.0 (or later), DirectX 9.0 (or later), Windows Media Player 9.0 (or later)
- Mac: OS X (10.3–10.5)
Power Macintosh 233MHz (or later)
RAM: minimum 8MB
Available hard drive capacity: minimum 6 MB
Other requirements: CD Rom drive, Quick Time 4.0 (or later)

Software

- ACDSsee for PENTAX with image storage management, stitcher and image editing
- PENTAX PHOTO Browser

* 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.

As of 06.01.2009. The manufacturer reserves the right to change specification, design, equipment and scope of supply without notice.

PENTAX