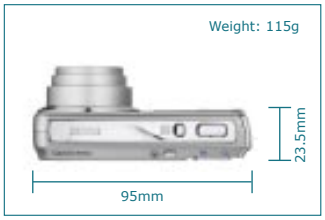
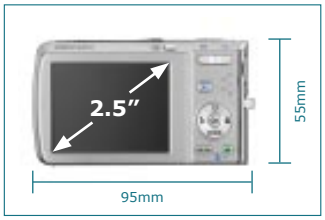
| | | |
|---|---|---|
| Code No. Optio M50 | SILVER | 17102 |
| Barcode | | 0027075140394 |
| Code No. Optio M50 | BLACK | 17174 |
| Barcode | | 0027075140936 |
| Code No. Optio M50 | PINK | 17120 |
| Barcode | | 0027075140516 |
| Code No. Optio M50 | RED | 17131 |
| Barcode | | 0027075140578 |
| Code No. Optio M50 | LIGHT BLUE | 17147 |
| Barcode | | 0027075140769 |
| Code No. Optio M50 | DARK BLUE | 17159 |
| Barcode | | 0027075140691 |

PENTAX Digital Cameras

# Optio M50




## Make a great moment at the blink of the eye.

- > 8 megapixels Sufficient for poster size prints or cropped enlargement
- > 5x optical zoom, 36 – 180mm optical zoom, with 5x digital zoom combines for a 25x Intelligent Zoom
- > 16 Recording and 15 Playback modes, extensive settings for different photographic programmes and picture editing
- > Panorama function – fascinating panorama photos comprised of 3 frames
- > "Face Recognition" with Autotracking and closed-eye warning
- > "Red Eye Reduction" through FOTO NATION in-camera software
- > Digital "Shake Reduction" for photo and video
- > Date Imprint function

### Standard Accessories

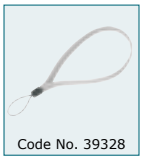
Code No. 39553
AV Cable I-AVC7

Code No. 39551
USB Cable I-USB7

Code No. 39256
AC Cable D-CO24E

Code No. 39742
Battery charging station D-BC78

Code No. 39741
Li-Ion battery D-LI78


Code No. 39328
Hand strap O-ST21

Software S-SW77

### Optional Accessories

Code No. 39728
AC mains adapter kit K-AC78E

Code No. 39745
Battery charging kit K-BC78E

Code No. 50182
Leather case, Pink

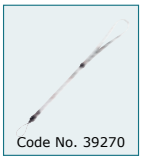
Code No. 50183
Leather case, Red

Code No. 50184
Leather case, Light Blue

Code No. 50185
Leather case, Dark Blue

Code No. 50161
Leather case LC-M1

Code No. 50152
Nylon case NC-M1


Code No. 39270
Sport Strap O-ST30

Code No. 39263
Leather Strap O-ST24

Code No. 50121
Display protection foil 2,5"

PictBridge ACDSee Red SD SDHC

Digital Compact Camera

PENTAX

# TECHNICAL DATA

**Additional information at www.pentax.co.uk**

## CCD
- 8.5 Megapixels – total
  8.0 Megapixel – effective
  1/2,35" 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
  (in "Frame Composition" mode the resolution is fixed at 3 MP (2,048 x 1,536))
- Sensitivity: automatic, manual selectable
  (ISO 64, 100, 200, 400, 800, 6,400*)

* in Digital "Shake Reduction" mode

## Lens
- 6.3–31.5 mm/3.5–5.6 (36–180mm in 35mm film format), 8 elements in 6 groups, 4 aspherical lens elements
- 5x optical zoom
- 5x digital zoom
- Intelligent Zoom to 25.5x

## Monitor
- Low reflection 2.5" TFT Monitor,
  approx. 230,000 dots with back lighting
- Image viewing on playback:
  Single image with histogram, 9 image thumbnail view, 8x magnification, 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: MOV (Quicktime-Motion-JPEG), with sound
- Sound: WAV (PCM, mono)

## Memory
- SD, SDHC card (up to 32GB)
- approx. 51MB internal memory

## Focus
- 9 point TTL Contrast Detection System, switchable between Spot AF and manual focus, focusing set by various Picture Modes, Pan Focus, focus memory lock
- Focussing range: 0.4m to infinity
- Macro: 0.1–0.5m

## Metering
- TTL metering, switchable between Multi-field, Centre-weighted and Spot metering
- Programme controlled electronic
  Shutter speed range: approx 1/2,000 – 4 sec.
- Recording modes: Video, Sound, Digital Shake Reduction, Green, Auto Pict., Programmed automatic, Night scene, Landscape, Flowers, Natural Skin Tone, Portrait, Children, Sport, Surf & Snow, Panorama, Food, Pets
- 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:
  Wide-angle: approx. 0.2–4.4m
  Tele: approx. 0.6–2.8m

## Video**
- Resolution: 640 x 480 pixels, 320 x 240 pixels
- Editing function: save as photo, sequence or scene splicing
- Movie "Shake Reduction" fur blur-free video clips
- Frame rate: 30 fps or 15 fps (with sound)
- With sound

## Power requirements
- Rechargeable Li-Ion battery D-LI78
- Battery capacity: approx. 220 pictures*
  approx. 80 min. playback*
- AC mains adapter (optionally available)

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

## Drive modes
- Single, continuous, Self-timer (2 or 10 sec.)
- White balance: Automatic or manual, Daylight, Tungsten, Neon, Shade

## Playback Functions
- Various colour and digital 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 (8.0 megapixels): the camera uses the unused pixels for an increased zoom range
- Fully automatic operation and 16 Picture modes
- "Digital SR" supports the photographer under poor lighting conditions and allows for longer flash ranges
- Imprinting of recording date (e.g. for slide shows or on-screen presentations)

## 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 conditions. Tests conducted using the monitor and flash for 50% of shots.

** Videos cannot be shown on Macintosh computers.

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Digital Compact Camera

PENTAX