PENTAX Digital Cameras
Optio M60

Weight: 110g

95mm

23.5mm

2.5"

55mm

95mm
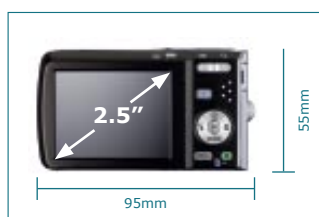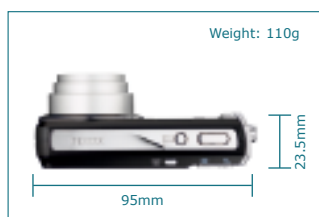
Automatically better.

> **10 megapixels**
  More than enough to turn your best shots into stunning poster-sized prints.

> **5x optical zoom**
  36 – 180mm optical zoom, with 5x digital zoom and, depending on the resolution, up to 28X Intelligent Zoom: brings the most distant object right before your eyes.

> **Digital Shake Reduction**
  Blurred images can occur if there is insufficient light available. The Optio M60 automatically increases the sensitivity so that you can capture sharp photos and videos.

> **Automatic face recognition with „Smile Capture".** People are the most frequently photographed subjects and the Optio M60 is specially prepared to get those shots. The camera recognises faces up to 32 and automatically provides optimal exposure control. And then goes one step more: the shutter automatically releases when is detects a smile!

> **Panorama and digital wide-angle**
  The camera can automatically take several single shots and then join them together into a single picture. You can now get the photos that were once the domain of highly specialised and expensive equipment.

Packing data:
Dimensions (L x W x H): 180 x 140 x 80mm
Weight: 760g

PictBridge   acdsee   SD

Standard Accessories

Code No. Nr. 39552	Code No. 39551	Code No. 39256
AV Cable I-AVC7	USB Cable I-USB7	AC Cable D-CO24E
Code No. 39742	Code No. 39741	Code No. 39328
Battery charging station D-BC78	Li-Ion battery D-LI78	Hand strap O-ST51

Code No. 39260
Software S-SW77

Optional Accessories

Code No. 39728	Code No. 39745	Code No. 39690
AC mains adapter kit K-AC78E	Battery charging kit K-BC78E	Camera AC adapter for mains power D-DC78
Code No. 50182	Code No. 50183	Code No. 50184
Leather case, Pink	Leather case, Red	Leather case, Light Blue
Code No. 50185	Code No. 50161	Code No. 50152
Leather case, Dark Blue	Leather case LC-M1	Nylon case NC-M1
Code No. 39270	Code No. 39263	Code No. 50121
Sport Strap O-ST30	Leather Strap O-ST24	Display protection foil 2,5"

Digital Compact Camera

PENTAX

TECHNICAL DATA

CCD
- 1/2.33" CCD with 10.1 Megapixels – effective
- Resolution Photo:
  10MP, 7MP, 5MP, 3MP, 2.1MP (16:9), 1024, 640×480
- Sensitivity: automatic, manual selectable (ISO 100–6,400)

Lens
- smc 6.3–31.5 mm/3.5–5.6 (36–180mm in 35mm format), 8 elements in 6 groups, 4 aspherical lens elements
- 5x optical zoom
- 5.7x digital zoom
- Intelligent Zoom to 28.5x

Monitor
- Low reflection 2.5" IPS-TFT Monitor, approx. 230,000 dots, 170° viewing angle from any angle

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

Memory
- SD, SDHC card (up to 32GB)
- approx. 36.5MB 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–∞
- 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, Auto Pict., Programmed automatic, Night scene, Landscape, Flowers, Natural Skin Tone, Portrait, Night scene portrait, Children, Sport, Surf & Snow, Candle light, Panorama, Food, Pets, Text, Digital Wide-angle, Digital Panorama, Fireworks (4 sec.), Frames
- Face Priority with automatic face recognition in all 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
- 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: 640×480 pixels, 320×240 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)
- Sound

Power requirements
- Rechargeable Li-Ion battery D-LI78
- Battery capacity: approx. 210 pictures*
             approx. 215 min. playback*
- AC mains adapter (optionally available). When using the AC mains adapter the AC camera adapter (Code no. 39690) is necessary

Connections
- AV (compatible with NTSC and PAL)
- USB 2.0 high-speed connection
- AC mains connection
  with optional AC camera adapter (Code no. 39690)

Recording Parameters
- Single, continuous, High Speed Shooting, 3.6 fps at 5 MP, Self-timer (2 or 10 sec.), video recording
  White balance: Automatic or manual, Daylight, Tungsten, Neon, Shade

Playback Functions
- Image viewing on playback: Single image with histogram, recording data, 10x magnification, 9 image thumbnail view, slide show, image rotation

Internal Editing
- Digital filter (11 colour, Soft filter, Fish-Eye filter), frame function, image size adjust, image and sound copying, voice memo, video editing, "Red Eye Reduction", Portrait Zoom, slide show, copy function, display start-up image, recalling deleted data

Special functions
- World time for 75 cities, 28 time zones
- Menu languages: English, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Polish, Portuguese, Russian, Swedish, Spanish, Turkish, Chinese, Japanese, Korean, Thai
- "Intelligent Zoom shot" for images with a less than the maximum resolution (10.0 megapixels): the camera uses the unused pixels for an increased zoom range
- Face recognition function (Face Recognition AF & AE) – up to 10 faces are recognized – available in all modes of operation
- Face Priority: the camera recognises faces in the picture and preselects the ideal settings for optimal "people shots"
- "Smile Capture" function: the camera's shutter automatically fires when it recognises a smiling; "Blink Detection" gives a warning if the subject blinks when taking a portrait
- Digital Shale Reduction supports the photographer under poor lighting conditions and allows for longer flash ranges
- "Data Imprint" of the recording date (e.g. for 0n-screen presentations)

Readiness delay
- Switch-in time: 2.0 sec.
- Shutter delay: 0.03 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
  CPU: Pentium III or newer
  RAM: minimum 512 MB
  Available hard drive capacity: minimum 1 GB
  Internet Explorer 5.0 (or newer), DirectX 9.0 (or newer), Windows Media Player 9.0 (or newer).
- Mac: OSX (10.3–10.5)
  Power Macintosh 233 MHz (or newer)
  RAM: minimum 8 MB, available hard drive capacity 6 MB
  other requirements: CD-ROM drive, Quick Time 4,0 (or newer)

Software
- ACDSee für PENTAX
  - image data bank
  - image editing programme
  - Slide show
  - Stitcher
  - Print programme with various page layouts

* 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 24.07.2008. All data reserved and can be changed without notice.

Digital Compact Camera

PENTAX