

# PENTAX Digital Cameras

## Optio M40

Optio M40 Code No.	19305
Barcode	0027075130340



### Perfect pictures and price/performance ratio.

- > 8 megapixels allows sufficient freedom for when you want to go beyond the standard postcard format to a framed a poster.
- > Great shots in poor light, thanks to the digital "Shake Reduction" for photos or videos. The camera automatically increases sensitivity to ISO 3,200, providing for faster shutter speeds.
- > Flash range to 15.5 meters. There is a lot to photograph, particularly at celebrations and parties. And these are the situations when extended flash range means better shots. The Optio M40 can handle the situation up to 15 meters. A range that doesn't shrink from comparison.
- > "Face Priority" and „Auto Tracking" - two grandiloquent terms with a purpose. People are central to the scene. These two functions ensure that friends or family are optimally captured in the picture.
- > In the middle of the slide show that you're watching on the television (using the provided AV cable) the question always seems to arise over when a particular picture was taken. By including the date onto the picture with the Date Imprinting function, the question is no longer open for debate.

#### Standard Accessories



#### Optional Accessories



# PENTAX

## TECHNICAL DATA

### CCD

- 8.5 megapixels – total  
8.0 megapixels – 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 (2,048x1,536))
- Sensitivity: automatic, manual selectable (ISO 50, 100, 200,  
400, 800, 1,600, 3,200)

### Lens

- 6.3–18.9 mm/3.1–5.9 (36–108mm in 35mm film format),  
6 elements in 5 groups, 4 aspherical lens elements
- 3x optical zoom, 4x digital zoom

### Monitor

- Low reflection 2.5" TFT monitor, approx. 150,000 pixels with  
backlighting
- Image viewing after recording: single image with histogram,  
9 image thumbnail view, 8X magnification, slide show,  
image rotation

### Image formats

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

### Memory

- SD-/SDHC card
- Approx. 22 MB internal memory

### Focus

- 9-point TTL Contrast Detection System, switchable between  
Spot AF and Manual focus, focusing set by various Picture Modes,  
focus tracking with appropriate
- Focussing range: 0.4m – ∞
- Macro: 0.1–1.0m (wide angle)

### Metering

- TTL Multi-segment metering
- Programme controlled electronic  
Shutter speeds: approx 1/2,000–4sec.
- Recording function: Video, Sound, Auto Pict.,  
Programmed automatic, Night Scene, Landscape, Flowers, Natural  
Skin Tone, Portrait, Kids, Sport, Surf & Snow, Food, Pets
- Exposure correction: ±2 EV (1/3 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. 0.2–8.0m (at ISO Auto)  
approx. 0.2–15m (with digital "Shake Reduction")

### Video\*\*

- Resolution: 640 × 480 pixels, 320 × 240 pixels
- Movie "Shake Reduction" for blur-free video clips
- Frame rate: 30 or 15fps
- With sound

### Power Requirements

- Rechargeable Li-Ion battery D-LI63
- Battery capacity: approx. 220 images\*  
approx. 80 min. in playback
- AC Mains adapter (optionally available)

### Connections

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

### Recording Parameters

- Single shot, continuous, Self-timer (2 or 10sec.)
- White balance: Automatic or manual, Daylight, Tungsten,  
Neon, Cloudy

### Special Features

- 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
- Extensive special picture modes
- The new "Digital SR" function aids the photographer in  
poor conditions and extends the flash range.
- Numerous features for image viewing and editing such as digital  
filter, voice memo and picture frame function
- Imprinting of recording date (e.g. for slide shows or on-screen pre-  
sentations)

### Print Functions

- PictBridge compatible for single image print, all image print 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 128 MB  
Available hard drive capacity: minimum 50 MB
- Mac: OS 9.2 (with latest version CarbonLib) or higher  
with QuickTime 6.0  
CPU: POWER Macintosh Processor with minimum 266 MHz  
RAM: minimum 8 MB, available hard drive capacity 6 MB

### Software

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

#### Additional information at [www.pentax.co.uk](http://www.pentax.co.uk)

\* 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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