PENTAX Digital Cameras

Optio W20

	Optio W20 Code No.	19122
	Barcode	0027075121560









- > 1/2.5" CCD with 7.0 Megapixels for large, beautiful prints and enlargements of cropped images
- > Waterproof, dust proof and durable for sport and leisure pictures and movies
- > "Blur Reduction" Mode for sharp pictures under difficult conditions such as dawn or indoor lighting
- Macro photography possible as close as 1 cm
- Transverse, non-protruding 3x optical zoom lens
- > Huge glare-free backlit 2.5" TFT Monitor with 115,000 pixels
- > Video recording in 640 x 480 pixel format with "Movie anti shake" - also for underwater recording







Packaging data

Dimensions: 187x162x83mm

Weight: 760g

Standard Accessories	Code No.
AV Cable I-AVC7	39552
USB Cable I-USB7	39551
AC Cable D-CO24E	39256
Battery Charger D-BC8	39122
Li-Ion Battery D-LI8	39121
Hand strap O-ST20	39195
Software S-SW56	







AC Cable D-CO24F









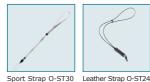
Software S-SW58

Optional accessories	Code No.
Leather case LC-W1	50130
Neoprene case	50134
AC Mains Adapter Kit K-AC8E	39143
Sport Strap O-ST30	39270
Leather Strap O-ST24	39263













TECHNICAL DATA

CCD

• 7.41 Megapixel – total

7.0 Megapixel – effective

1/2.5" Interline Transfer CCD with Primary Colour Filter
• Resolution: 7 MP (3,072×2,304), 5 MP (2,560×1,920),
4 MP (2,304×1,728), 3 MP (2,048×1,536),
2 MP (1,600×1.200), 1,024×768, 640×480

3 MP (2,048×1,536)

• Colour Depth: 3x12 Bit

 Sensitivity: automatic, manual selectable (ISO 64, 100, 200, 400, 800, 1.600 (in "Blur Reduction" and "Report" Modes sensitivity is fixed at ISO 1.600)

(in "Frame Composition" Mode resolution fixed at

Lens

- 6.3-18.9mm / 3.3-4 (38-114mm in 35mm format),
 11 elements in 9 groups, (1 single-sided aspherical lens element,
 2 double-sided aspherical lens elements)
- 3x optical zoom
- 4x digital zoom

Monitor

- Backlit, low-reflection 2.5" TFT Monitor, approx. 115,000 pixels
- Image playback: single image with Histogramme,
 8x magnification, 9 image Thumbnail view, Slide show,
 Image rotation

Image Formats

Photo: JPEG (Exif 2.2), DCF, DPOF
 Video: MOV (Motion-JPEG), with Sound

Sound: WAV (PCM, mono)

Memory

- SD Card to 2 GB, SDHC Memory Card
- approx. 22 MB internal memory

Focus

- 9 Point TTL Contrast Detection System, switchable to Spot AF, focus control adjusted with picture modes
- Normal: 0.4m-∞

Macro: 0.01-0.6m (wide-angle) Panfocus: $1.5m-\infty$ (wide-angle)

5m-∞ (Tele)

Manual: $0.1m-\infty$ (wide-angle)

Metering

- TTL metering switchable between multi-segment, centre-weighted or spot
- Programme controlled electronic shutter Shutter speeds: approx. 1/1,200-4 sec.
- Programmed Automatic, Picture Modes: Night scene, Video, Sound, Synchronous Sound Record, Landscape, Flowers, Portrait, Underwater, Sport, Surf & Snow, Kids, Food, Pets, Candlelight, Soft, Fireworks, Selfportrait, Skin Tone, Museum, Report, Underwater Video, Sunset, Blur Reduction, Text, Frame
- Exposure correction: ±2 EV (1/3 EV steps)

Flash

- Built-in automatic flash with automatic operation in poor lighting conditions.
- Manual on and off
- Preflash for reduction of the "Red Eye" effect
- Flash range (at ISO Auto)
 Wide angle: approx. 0.3-5m
 Tele: approx 0.5-4m

Video**

- Resolution: 640x480, 320x240
- Editing Function: save as photo, Sequence cut or sequence splice
- "Movie anti shake" for blur-free recording
- Frame rate: 30 or 15 fps

Power requirements

• Rechargeable Li-Ion battery D-LI8

Battery capacity: approx. 240 images*
 approx. 80 min. video recording
 approx. 400 min. sound recording

approx. 360 min. playback

• AC adapter (optionally available)

Connections

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

Recording parameters

- Single shot, Series, (Standard/High-Speed), Video recording, Self Timer release (2 or 10 sec.), Intervalometer
- White balance: Automatic or manual, Daylight, Cloudy, Shade, Incandescent, Neon

Special features

- World time for 71 cities, 28 time zones
- \bullet Clock display with alarm function, display of time for 10 seconds with manipulation of the "OK" key
- Menu languages: English, French, German, Spanish, Portuguese, Italian, Swedish, Dutch, Russian, Korean, Chinese, Japanese, Thai
- Extensive selection of Picture Modes
- Numerous features for image viewing and manipulation

Print functions

• Print all and DPOF Print, PRINT Image Matching III

System requirements

• PC: Windows 98SE, ME, 2000 und XP Home Edition/Professional

CPU: Pentium III 500 MHz 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 Memory capacity: minimum 8 MB, free hard drive space Minimum 6 MB

Software

 ACDSee for PENTAX, with Image Data Bank, Stitcher and image editing program

Further information at www.pentax.co.uk

^{**}Movie playback is not supported on Macintosh operating systems.



^{*}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.