

PENTAX Digital Cameras

Optio A20

Optio A20 Code No.	19165
Barcode	0027075122260



Bestow beauty to your eyes and quality to your senses.

- > 1/1.8" CCD with 10.0 Megapixel resolution for highly detailed photographs and outstanding colour reproduction
- > High-performance smc PENTAX zoom lens for clear, high contrast pictures
- > 2.5" TFT Monitor with the clarity of 232,000 pixels for outstanding image viewing
- > PENTAX original "Shake Reduction" – Finally blur-free photos thanks to highly sensitive giro sensors and special micro mechanics
- > Discriminating video function for movies with a resolution of 640x480 pixels at 30 fps in MPEG-4 DivX® (R) Format
- > Internal image processing ASIC*: ultra fast picture processing of complex imaging parameters for fast memory writing and for treatment of pictures with a higher image quality



*ASIC – Application Specific Integrated Circuit (ultra fast IC component particularly developed for elaborate processing)

Standard Accessories	Code No.
AV Cable I-AVC7	39553
USB Cable I-USB17	39233
AC Cable D-CO2E	39475
Battery Charger D-BC8	39122
Li-Ion Battery D-LI8	39121
Hand strap O-ST20	39195
Software S-SW56	



AV Cable I-AVC7



USB Cable I-USB17



AC Cable D-CO2E



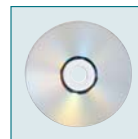
Battery Charger D-BC8



Li-Ion Battery D-LI8



Hand strap O-ST20



Software S-SW56

Optional accessories	Code No.
Leather case LC-A1	50129
AC Mains Adapter Kit K-AC42E	39574
Battery Charger K-BC8E	39151
IR Remote Control E (with zoom function)	37376
IR Remote Control F (without zoom function)	37377
Sport Strap O-ST30	39270
Leather Strap O-ST24	39263
LCD protection foil 2.5"	50121



Leather case LC-A1



AC Adapter Kit K-AC42E



Battery Charger K-BC8E



IR Remote Control E/F



Sport Strap O-ST30



Leather Strap O-ST24



LCD protection foil

TECHNICAL DATA

CCD

- 10.37 Megapixel – total
10.0 Megapixel – effective
1/1.8" Interline Transfer CCD with Primary Colour Filter
- Resolution: 10 MP (3,648x2,736), 7 MP (3,072x2,304),
5 MP (2,560x1,920), 3 MP (2,048x1,536),
2 MP (1,600x1,200), 1,024x768, 640x480
(in "Blur Reduction" Mode resolution fixed at
5 MP (2,560x1,920))
- Colour Depth: 3x12 Bit
- Sensitivity: automatic, manual selectable (ISO 64, 100, 200, 400,
800 (in "Blur Reduction" Mode sensitivity fixed at ISO 1,600))

Lens

- 7.9–23.7 mm/2.8~5.4 (38–114mm in 35 mm format)
7 elements in 5 groups (2 double-sided aspherical lens elements)
- 3x optical zoom
- 4x digital zoom

Monitor

- Low-reflection 2.5" TFT Monitor, 100% image field view,
approx. 232,000 pixels
- Image playback: recording data with histogramme,
8x magnification, 9 image thumbnail view, slide show,
image rotation

Image formats

- Photo: JPEG (Exif 2.2), DCF, DPOF
- Video: AVI (MPEG-4, DivX®-Format), with sound
- Sound: WAV (PCM, mono)

Memory

- SD Card, SDHC Card – up to 4 GB capacity
- approx. 22 MB internal memory

Focus

- 5 Point TTL Contrast Detection System with Autofocus-Assist Light
via built-in flash, focus control adjusted with picture modes, Spot-
AF, manual focus and panfocus
- Normal: 0.35m – ∞
- Macro: 0.12–0.4m (wide-angle)
- Supermacro: 0.06m–0.15m (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, Landscape, Flowers, Portrait, Kids, Sport, Candle light,
Surf & Snow, Food, Pets, Blur Reduction, Text,
Shutter Priority Auto
- Exposure correction: ±2 EV (1/3 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. 0.06–7.1m
Tele: approx. 0.35–3.5m

Video**

- Resolution: 640x480, 320x240
- Editing Function: save as photo, Sequence cut or sequence splice
- Video recording are MPEG-4 compatible, memory-saving DivX®
format for high-quality imaging with minimal memory use
- "Movie anti shake" for blur-free recording

Power requirements

- Rechargeable Li-Ion battery D-LI8
- Battery capacity: approx. 150 images*
approx. 100 min. playback
- AC adapter (optionally available)

Connections

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

Recording parameters

- Single shot, Series, Video and Sound recording, Self Timer release
(2 or 10 sec.), IR Remote Control (2 or 10 sec. release delay)
- White balance: Automatic or manual, Daylight, Incandescent,
Shade, Neon

Special features

- World time for 71 cities, 28 time zones
- Menu languages: English, French, German, Spanish, Portuguese,
Italian, Swedish, Dutch, Russian, Korean, Chinese, Thai, Japanese
- Extensive selection of Picture Modes
- Numerous features for image viewing and manipulation
- "Shake Reduction" – for blur-free photography when using long
shutter speeds and longer focal lengths

Print functions

- PictBridge compatible for single image print, all image print 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

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

Further information at 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.

**Movie playback is not supported on Macintosh operating systems.