PENTAX Digital Cameras

Optio A30

Weight: 130g
T mug





Nothing is more exciting than perfection.

- > 1/1.8" CCD with 10 megapixels resolution for richly detailed images with outstanding colour renditions.
- > High performance smc PENTAX zoom lens for clear, high-contrast images.
- > 2.5" TFT monitor with 232,000 pixels offers outstanding viewing clarity.
- > "Intelligent Zoom" uses the enormous graphic potential of the image sensor in order to produce detailed enlargements of brilliant quality.
- > PENTAX original opto-mechanical "Shake Reduction" blur-free photos thanks to highly sensitive sensors and special micro mechanics.
- > Outstanding videos in 640 x 480 pixels format at 30fps. and recorded in MPEG-4 DivX® format.
- > Internal image processing ASIC* carries out complex high-speed image processing, much faster writing the data to the memory and higher quality image editing.













Optio A30 Code No.	19215
Barcode	0027075126534

Standard Accessories	Code No.
AV cable I-AVC7	39553
USB cable I-USB7	39551
AC cable D-CO2E	39475
Battery charger D-BC8	39122
Li-Ion battery D-LI8	39121
Hand strap O-ST20	39195
Software S-SW66	







AV cable I-AVC7

USB cable I-USB7

AC cable D-CO2E







Battery charger D-BC8

Li-Ion battery D-LI8 Hand strap O-ST20



Software S-SW66

Optional Accessories	Code No.
Leather case LC-A1	50129
AC Mains adapter kit K-AC63E	39613
Battery charger kit K-BC8E	39151
IR remote control E (with zoom function)	37376
IR remote control E (without zoom function)	37377
Sport strap O-ST30	39270
Leather strap O-ST24	39263
LCD protection foil 2.5"	50121







AC Mains adapter K-AC63E





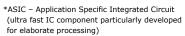


IR remote

Sport strap O-ST30



LCD protection foil





TECHNICAL DATA

CCD

- 10.37 megapixels total 10.0 megapixels – effective
- 1/1.8" Interline Transfer CCD with Primary Colour Filter
- Resolution: 10 MP (3,648x2,736), 7 MP (3,072x2,304),
 5 MP (2,560x1,944), 3 MP (2,048x1,536),
 2 MP (1,600x1,200), 1,024x768, 640x480
- Sensitivity: automatic, manual selectable (ISO 64, 100, 200, 400, 800, 1,600)

Lens

- 7.9-23.7mm/2.8~5.4 (38-114mm in 35mm format),
 7 elements in 5 groups, 2 double-sided and 1 single-sided aspherical lens elements
- 3x optical zoom, 4x digital zoom

Monitor

- Low-reflection 2.5" TFT monitor, 160° viewing angle, 100% field of view, approx. 230,000 pixels
- Image viewing after recording: single image 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
- Approx. 22 MB internal memory

Focus

- 5-point TTL Contrast Detection System with AF assist light, focus tracking with appropriate Picture Modes, Spot AF, Manual and Panfocus
- Photo: Normal: 0.35m-∞

Macro: 0.12-0.4m (wide angle) Supermacro: 0.04-0.15m (wide angle)

• Video: Normal: 0.12m-∞

0.35m-∞ (Tele)

Macro: 0.12-0.4 (wide angle) Supermacro: 0.06-0.15m (wide angle)

Metering

- TTL metering switchable between Multi-segment,
 Centre-weighted or Spot metering
- Programme controlled electronic shutter Shutter speeds: approx. 1/2,000 – 4sec.
- Recording function: Video, Sound, digital "Shake Reduction", Auto Pict., Programmed Automatic, Shutter priority, Manual, Nightscene, Landscape, Flowers, Portrait, Sport, Surf & Snow, Food, Pets, Text, Frame
- Exposure correction: ±2 EV (1/3 steps)

Flash

- Built-in flash with automatic operation in poor lighting
- Manual Flash-on and Flash-off modes, Soft flash
- 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: 640 x 480, 320 x 240
- Editing Function: save as photo, individual sequence or multiple scenes spliced together
- Videos are MPEG-4 compatible and reordered in the memorysaving DivX® format so that longer videos can be recorded in higher quality
- Movie "Shake Reduction" for blur-free video
- Frame rate: input signal at 25fps recorded at 30fps

Power Requirements

- Rechargeable Li-Ion battery, D-LI8
- Battery capacity: approx. 150 images*

approx. 110 minutes in playback

• AC mains adapter (optionally available)

Connections

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

Recording Parameters

- Single shot, continuous, Video and Sound, Self Timer release (2 or 10sec.), IR Remote Control (0 or 3sec. release delay)
- White balance: Automatic or Manual, Daylight, Tungsten, Shade,
 Noon

Special features

- World time for 75 cities, 28 time zones
- Menu languages: English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Spanish, Polish, Portuguese, Russian, Swedish, Turkish, Japanese, Korean, Chinese, Thai
- "Intelligent Zoom", for photographs with a less than the maximum resolution (10.0 megapixels) the camera uses the unused pixels for details that increase the zoom
- Numerous functions and features for image viewing and editing
- "Shake Reduction" for blur-free images with longer shutter speeds and 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 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 minimum 6 MB

Software

ACDSee for PENTAX, with image data bank,
 Stitcher and image editing programme

Additional information at www.pentax.co.uk

- *Recording capacity shows approximate number of shots recorded during CIPAcompliant 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.

As of 15.02.2007. Data subject to change without notice.

