

PENTAX Digital Cameras

Optio A30



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 640x480 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.



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

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



Leather case LC-A1



AC Mains adapter K-AC63E



Charger kit K-BC8E



IR remote control E/F



Sport strap O-ST30



Leather strap O-ST24



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: 640x480, 320x240
- Editing Function: save as photo, individual sequence or multiple
scenes spliced together
- Videos are MPEG-4 compatible and reordered in the memory-
saving 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,
Neon

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

- ACDSsee 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 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.

As of 15.02.2007. Data subject to change without notice.