

DIGITAL CAMERA

*IST DL

*ist DL

Code No. 18436

Barcode 0027075113763

For a perfect entrance to digital SLR photography

- > Worlds smallest and lightest digital SLR with interchangeable lenses
- > 6.1 Megapixel resolution
- > 23.5x15.7 mm CCD colour sensor for contrast rich images with minimal noise
- > Simple operation with numerous automatic functions and Picture Modes for Action, Landscape, Portrait, Macro, Night Photography
- > Precise picture evaluation through the accurate Pentamirror viewfinder with dioptre correction as well as a 2.5" TFT screen with 210,000 pixels
- > Nearly limitless photographic possibilities thanks to compatibility to extensive system accessories and older lens series

Standard accessories

USB Cable I-USB17 Code No. 39233

AV-Cable I-IVC28 Code No. 39262

Strap O-ST10 Code No. 39190

4x AA Batteries

Image viewing and Manipulation software

Accessories (optional)

Cable release CS-205 Code No. 37248

Remote control F Code No. 37377

AC Adapter Set K-AC10E Code No. 39212

AF-360 FGZ Flash Code No. 30333

Hotshoe Adapter FG (camera mount) Code No. 31045

Flash Shoe Adapter F (flash mount) Code No. 31022

Flash Shoe Adapter

(flash mount with tripod thread) Code No. 31046

Flash Shoe Adapter with clamp Code No. 30336

Sync cable F (50cm) Code No. 37347

Sync cable F (3m) Code No. 37349



CCD

- 6.31 Megapixel – total
6.1 Megapixel – effective
- Interline-Interlace CCD with primary colour filter
- Colour depth: 12 Bit in RAW, 8 Bit in JPEG
- Sensitivity: Automatic, manual selectable (ISO 200, 400, 800, 1,600, 3,200)

Lens

- PENTAX K_{AF} bayonet
- Compatible with PENTAX K_{AF2}-, K_{AF}- and K_A- lens mounts. No support for K_{AF} Power Zoom functions. K mount with restrictions, open aperture metering. M42 and medium format lenses usable with adapters and restrictions

Viewfinder

- Built-in, non-interchangeable Pentamirror finder
- Viewing area 96% with finder magnification of 0.85x
- Bright non-interchangeable "Natural Bright II" focusing screen
- Viewfinder indications below image area
- Dioptre correction -2.5 dpt. – +1.5 dpt.

Screen

- 2.5" Low-temperature polysilicon TFT screen with 210,000 pixels with brightness adjustment
- Image viewing after recording:
Single image with Histogram and Hot Spot Warning, up to 12x enlargement, 9 image Thumbnail view, Slide show, Image rotation

Image formats

- Photo: RAW, JPEG (Exif 2.21), DCF, DPOF (Digital Print Order Form), PIM III

Memory

- SD-Card

Focus

- SAFOX VIII Autofocus System with TTL Phase Matching, 3 measuring sensors with indication in viewfinder, operating range: EV1 - EV19
- AF Single with focus lock or continuous AF
Continuous AF is possible in Action Mode, Single AF in all other Picture Modes

Metering

- 16 segment TTL open aperture metering coupled with AF and lens information, switchable between Multi-field, Centre weighted and Spot metering.
- Operational range: EV1 - EV21.5
- Electronically controlled vertical-run focal plane shutter
Shutter speeds:
Automatic: 1/4000–30sec. (stepless)
Manual: 1/4000–30sec. (in 0.5EV steps) and Bulb
Flash sync: 1/180sec.
- Programmed Automatic (AE), Picture Mode Programme Auto, Aperture and Shutter Priority Auto, Manual, Bulbbelichtung
- Green Programme, Portrait, Landscape, Macro, Action, Night Scene Portrait
- Exposure correction: ±2EV (1/3 or 1/2EV steps)
- Auto Bracketing: ±1.5EV in 0.5EV steps or ±1.0EV in 0.3EV steps
- Exposure memory lock

Flash

- Built-in Automatic flash with auto discharge in poor lighting conditions
- Manual on/off
- Preflash for reduction of "Red-Eye" reduction
- Flash correction (-2 to +1EV)
- Guide number 15.6 at ISO 200
- Hotshoe on camera top for system flash
- Angle of coverage 28mm (equivalent in 35mm format)

Power

- 2x CR-V3 Lithium Batteries
- 4x AA Batteries (Lithium, Alkaline, Ni-Mh)
- AC Adapter (optionally available)

Dimensions and weight

- 125x92.5x67 mm (WxHxD)
- 470g (without batteries or memory card)

Connections

- USB 2.0
- AV (compatible with NTSC and PAL)
- AC Adapter (optionally available)

More information on back

PENTAX

Image Parameters

- White balance: Automatic or manual, daylight, shade, cloudy, tungsten light, fluorescent light (W, D, N), manual
- Digital filters: Black&White, Sepia, Soft, Slim
- Single, series (2.8fps., maximum 5 exposures), self-timer 12 or 2sec. (mirror lock-up), auto bracketing, IR remote control

Special features

- World time for 72 cities in 28 time zones
- Menu languages: German, English, French, Spanish, Italian, Swedish, Nederland, Russian, Korean, Chinese, Japanese
- Mode Dial Control: Programmed automatic, Picture Mode Auto, Picture Mode selection, Aperture Priority Auto, Shutter Priority Auto, Manual, Bulb, Programmed Auto without flash
- Print Mode: PictBridge compatible, PRINT Image Matching III

Image formats/Resolution

Photo:	RAW	JPEG	JPEG	JPEG
	3,008x2,008	3,008x2,000	2,400x1,600	1,536x1,024
Best	22	78	111	220
Better		149	201	354
Good		242	330	549

All capacity data refer to the use 256MB of a memory card (optionally available)

System requirements

- PC: Windows Me, 2000, XP
- Mac: OS 9.01 or higher with QuickTime 6.0

Software

- PENTAX PHOTO Browser 2.1/PENTAX PHOTO Laboratory 2.1



Accessories (optional)



Cable Release CS-205



IR Remote Control F

The manufacturer reserves the right to changes in technology, design, equipment and scope of supply without advance notice.

PENTAX