

# PENTAX



## ADVANTAGES

### Weather resistant Body

#### 1st weather resistant both body in this price category

- ◆ **81 protection seals** for a complete protection of the electronic circuits against splashing water, snow, dust and sand

### Exceptional image and video quality

#### 16 MP CMOS APS-C Sensor and Shake Reduction System

- ◆ **16 MP CMOS APS-C** for fully detailed images
- ◆ **In-body Shake Reduction System** for sharp images whatever the lens used.
- ◆ **Full HD Video** (codec H.264) for high quality video clips.
- ◆ Sensitivity up to **ISO 25 600** thanks to its noise treatment by the CMOS sensor.

### Fast and precise

#### Continuous Shooting 6 frames/sec.

- ◆ Continuous shooting **6 frames/sec.** (176 JPEG & 21 RAW) for catching action shots.
- ◆ Shutter Speed up to **1/6000 sec** to freeze movement in an image.
- ◆ **New SAFOX IXi+** for a faster and more accurate AF.

### Ease to use

#### 3" 920 000 points LCD Screen

- ◆ **3" 920 000 pts LCD screen** with 170° extra-wide viewing.
- ◆ **100% Pentaprism viewfinder**
- ◆ **Dual e-dial** for an easy access to different settings.
- ◆ **Dual power** Lithium-ion or AA battery.



# K-30

Dimensions 128.5 x 96.5 x 71.1 mms  
Weight (body only) 590g

#### Black (body only)

EAN : 0027075217195 | Code art : 15612

#### + DAL 18-55mm

EAN : 0027075217300 | Code art : 15623

#### + DAL 18-55mm + DAL 50-200mm

EAN : 0027075217522 | Code art : 15645

#### + DAL 18-55mm + DAL 55-300mm

EAN : 0027075217706 | Code art : 15655

#### White (body only)

EAN : 0027075217812 | Code art : 15667

#### + DAL 18-55mm

EAN : 0027075217928 | Code art : 15678

#### Blue (body only)

EAN : 0027075218093 | Code art : 15697

#### + DAL 18-55mm

EAN : 0027075218208 | Code art : 15757

## OPTIONAL ACCESSORIES



AA battery holder



SLR multibag

Code Art.

|                            |       |
|----------------------------|-------|
| SLR multibag               | 50099 |
| AA battery holder D-BH109  | 39100 |
| Hand strap O-ST128 (black) | 39987 |
| Hand strap O-ST128 (white) | 39988 |
| Hand strap O-ST128 (beige) | 39989 |

## SUPPLIED ACCESSORIES

Code Art.

|                                     |       |
|-------------------------------------|-------|
| Li-ion battery D-LI109              | 39067 |
| Battery charger D-BC109             | 39097 |
| AC plug cord D-CO2E                 | 39475 |
| USB cable I-USB7                    | 39551 |
| Strap O-ST53                        | 39323 |
| Eyecup                              | 30200 |
| Hot shoe cover FK (already mounted) | 31040 |
| Body mount cover                    | 31016 |

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Twitter.com/pentaxUK

WWW.PENTAX.CO.UK/PHOTO

HOTLINE: +44 (0) 870 7368 299

TECHNICAL SPECIFICATIONS

TYPE

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| Type              | TTL autofocus, auto-exposure SLR digital-still camera with built-in retractable P-TTL flash    |
| Lens mount        | PENTAX KAF2 bayonet mount (AF coupler, lens information contacts, K-mount with power contacts) |
| Compatible lenses | KAF3, KAF2 (power zoom not compatible), KAF, KA mount lenses                                   |

IMAGE SENSOR

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Sensor type       | 23.7 x 15.7mm CMOS, with primary color filter                                                          |
| Number of pixels  | Approx. 16.28 megapixels (effective), approx. 16.49MP (total)                                          |
| Stabilization     | Sensor shift Shake Reduction                                                                           |
| Dust Removal      | SP coating and CMOS sensor operations                                                                  |
| Sensitivity Range | AUTO/100 to 12800 (EV steps can be set to 1EV, 1/2EV, or 1/3EV), expandable from ISO 100 to ISO 25600. |

RECORDING AND IMAGE FORMATS

|               |                                                                                                                                                                                                                           |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image formats | RAW (DNG), JPEG (Exif 2.3), DCF2.0 compliant                                                                                                                                                                              |
| Image sizes   | JPEG<br>16M(4928x3264),12M(4224x2816),8M(3456x2304),5M<br>RAW<br>[3:2]16M(4928x3264)<br>RAW (12bit): DNG<br>JPEG: ★★ ★ (Best), ★★ (Better), ★ (Good)<br>sRGB, Adobe RGB<br>Compatible with SD, SDHC, and SDXC Memory Card |
| Quality level |                                                                                                                                                                                                                           |
| Color space   |                                                                                                                                                                                                                           |
| Support       |                                                                                                                                                                                                                           |

VIEW FINDER

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Type               | Pentaprism finder                                                              |
| Coverage           | 100%                                                                           |
| Magnification      | Approx. 0.92x (50mm F1.4 at infinity)                                          |
| Eye-relief Length  | Approx. 21.7mm (from the view window), Approx 24.5mm (from the center of lens) |
| Diopter Adjustment | Approx. -2.5m to + 1.5m-1                                                      |
| Focusing Screen    | Interchangeable Natural-Bright-Matte III focusing screen                       |

LCD SCREEN

|               |                                                                                                                                                                                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type          | 3'' (7.6cm), TFT color LCD monitor, wide angle viewing, Approx. 921k dots, with AR coating<br>Brightness and colors adjustable                                                                                                          |
| Field of view | Approx. 100%                                                                                                                                                                                                                            |
| Live view     | Focusing mechanism :Contrast detection + Face detection , t racking, select, spot Field of View approx. 100%, Magnified view (2x, 4x, 6x), Grid display (4x4 Grid, Golden Section, Scale display), Bright/dark area warning, Histogram. |

AUTOFOCUS SYSTEM

|                    |                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type               | TTL: phase-matching autofocus                                                                                                                              |
| Focus Sensor       | SAFOX IXi+, 11 point (9 cross type focus points in the center)                                                                                             |
| Brightness Range   | EV -1 to 18 ( ISO100)                                                                                                                                      |
| AF Assist Light    | Dedicated LED AF assist light                                                                                                                              |
| AF Mode            | Auto AF (AF.A), Single AF (AF.S), Continuous AF (AF.C)<br>Focus priority or shutter priority mode for AF.S<br>Focus priority or FPS priority mode for AF.C |
| AF point selection | Auto: 5 points, Auto: 11 points, Select ( Expanded Area AF available ) , Spot                                                                              |

METERING

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                  | TTL open aperture, 77 segmented metering, center-weighted and spot metering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Exposure Compensation | EV0 to 22 (ISO100 at 50mm F1.4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exposure modes        | Auto Picture mode: automatically selects from Standard, Portrait, Landscape, Macro, Moving Object, Night Scene<br>Portrait, Night Scene, Blue Sky, Forest<br>Scene Mode: Portrait, Landscape, Macro, Moving Object, Night Scene Portrait, Sunset, Blue Sky, Forest, Night Scene, Night Scene HDR*, Night Snap, Food, Pet, Kids, Surf & Snow, Backlight Silhouette, Candlelight, Stage Lighting, Museum*JPEG only<br>Program, Sensitivity Priority, Shutter Priority, Aperture Priority, Shutter & Aperture Priority, Manual, Bulb<br>± 5EV (1/2EV step or 1/3EV can be selected)<br>Can be assigned to the AF/AE-L button from the menu.<br>Auto: 1/6000 to 30 sec., Manual: 1/6000 to 30 sec. (1/3EV step or 1/2EV step), Bulb.<br>Electronically controlled vertical-run focal plan shutter |
| EV Compensation       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| AE Lock               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shutter               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

BUILT-IN-FLASH

|                         |                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Built-in Flash          | Built-in retractable P-TTL auto pop-up flash<br>Guide number: approx. 12 (ISO 100/m)<br>Angle of view: coverage: wide angle-lens, equ. to 28mm in 35mm format |
| Flash Modes             | P-TTL, Red-eye Reduction, Slow-speed Sync, Trailing Curtain Sync. High-Speed Sync and Wireless Sync are also available with PENTAX dedicated external flash.  |
| Sync Speed              | 1/180 sec.                                                                                                                                                    |
| Flash Exp. Compensation | −2.0 to +1.0 EV                                                                                                                                               |

DIMENSIONS AND WEIGHT

|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| Dimensions | Approx. 128.5 mm (W) × 96.5 mm (H) × 71.5 mm (D) (excluding the operation parts and protrusion)           |
| Weight     | Approx. 650 g (loaded and ready with the dedicated battery and SD Memory Card), Approx. 590 g (body only) |

POWER SUPPLY

|                   |                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery           | Rechargeable Lithium-ion Battery D-Li 109<br>With AA Battery Holder D-BH109 (optional), four AA batteries (Lithium, Ni-MH rechargeable, alkaline) can be used.<br>AC Adapter Kit K-AC 128 (optional)<br>Number of recordable images with 50% flash usage: approx. 410 images, without flash usage: approx. 480 images<br>Playback time: approx. 270 minutes |
| AC Adapter        |                                                                                                                                                                                                                                                                                                                                                             |
| Battery Capacity* |                                                                                                                                                                                                                                                                                                                                                             |

INTERFACES

|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| Connection Port | USB2.0 (high-speed compatible) / AV output terminal, USB MSC/PTP |
| Video Output    | NTSC/PAL                                                         |

RECORDING PARAMETERS

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Drive modes           | Single frame, Continuous (Hi, Lo), Self-timer (12sec., 2ssec.), Remote Control (0 sec., 3 sec.), Auto Bracketing (3 frames)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Continuous shooting   | Approx. 6 fps, JPEG (JPEG, Cont. Hi)<br>Approx. 3 fps, JPEG (JPEG, Cont. Lo)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| White balance         | Daylight, Shade, Cloudy, Fluorescent Light (D: Daylight Color, N:Daylight White, W: Cool White, L: Warm White), Tungsten, Flash, CTE, Manual, Color.<br>Adjustable ±7 steps on A-B axis or G-M axis                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Custom Functions      | 23 items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Mode Memory           | 12 items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Custom Image          | Bright, Natural, Portrait, Landscape, Vibrant, Radiant, Muted, Bleach Bypass, Reversal Film, Monochrome, Cross Processing<br>Slow Shutter Speed NR, High-ISO NR<br>Highlight Correction, Shadow Correction<br>Distortion Correction, Lateral Chromatic Aberration Correction<br>Extract Color, Toy Camera, Retro, High Contrast, Shading, Invert Color, Color<br>Auto, HDR 1, HDR 2, HDR 3, Auto. composition correction<br>Exposure Bracket Value: ±1EV, ±2EV, ±3EV<br>Number of shots: 2-9, Exposure adjusted automatically.<br>Shooting interval: 1 sec. to 24 hr., Number of shots: up to 999 images, Start Interval setting: immediately, from the set time |
| Noise Reduction       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dynamic Range Setting |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Lens Correction       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Digital Filter        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| HDR Capture           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Multi-exposure        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Interval Shooting     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

MOVIE

|                  |                                                                                                                                                                                                                                                                                  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| File format      | MPEG−4 AVC / H.264, record time: Up to 25 minutes; automatically stops recording if the internal temperature of the camera becomes high.<br>Full HD(1920x1080,16:9,30fps/25fps/24fps),<br>HD(1280x720,16:9,60fps/50fps/30fps/25fps/24fps),<br>VGA(640x480,4:3,30fps/25fps/24fps) |
| Recorded pixels  |                                                                                                                                                                                                                                                                                  |
| Quality levels   | ★★★(Best), ★★(Better), ★(Good)                                                                                                                                                                                                                                                   |
| Sound            | Built-in monaural microphone, Recording Sound Level                                                                                                                                                                                                                              |
| Movie processing | Custom Image (Bright, Natural, Portrait, Landscape, Vibrant, Radiant, Muted, Bleach Bypass, Reversal Film, Monochrome, Cross Processing), Digital Filter (Extract Color, Toy Camera, Retro, High Contrast, Invert Color, Color)                                                  |
| Interval Movie   | Recording interval: 3 sec., 5 sec., 10 sec., 30 sec., 1 min., 5min., 10 min., 30 min., 1 hr.Recording time: 4sec. to 99 hr., Start Interval setting: immediately, from the set time. *The File format is Motion JPEG(AVI).                                                       |
| Movie Editing    | Divide or delete selected frames, Capturing a JPEG still picture from a movie                                                                                                                                                                                                    |

OTHER FEATURES

|                            |                                                                                                                                                                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| World time                 | 75 cities, 28 time zones                                                                                                                                                                                                                                                                           |
| Folder names               | Date (100_1018, 100_1019...)/PENTX (100PENTX, 101PENTX...)                                                                                                                                                                                                                                         |
| Language                   | English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Korean, Traditional Chinese, Simplified Chinese, and Japanese                                                                                           |
| Button/Dial Customization  | RAW/Fx Button (One Push File Format, Exposure Bracketing, Optical preview, Digital Preview, Composition Adjustment, Select AF Point),<br>AF/AE-L button (Enable AF1, Enable AF2, Cancel AF, AE Lock)                                                                                               |
| Playback View              | Single frame, Multi-image display (4/9/16/36/81 seg.), Display magnification (up to 16x, scrolling & quick magn.), rotating, histogram, bright/dark area warning, copyright display, calendar filmstrip, folder display, display, slideshow                                                        |
| Delete                     | Single image, all, select&delete, folder, instant review image                                                                                                                                                                                                                                     |
| Digital Filters (Playback) | Monochrome, Extract Color, Toy Camera, Retro, High Contrast, Shading, Invert Color, Color, Tone Expansion, Sketch Filter, Water Color, Pastel, Posterization, Miniature, Soft, Starburst, Fish-eye, Slim, Base Parameter Adjustment                                                                |
| Electronic level           | Displayed in viewfinder (horizontal direction only); displayed on LCD monitor (horizontal direction and vertical direction)                                                                                                                                                                        |
| RAW Development            | File Format (JPEG), Image Capture Settings, Lens Correction (Distortion, Lateral Chromatic Aberration), Custom Image, White Balance, Sensitivity, High-ISO NR, Shadow Correction, Resize, Cropping, Index, Movie editing, capturing a JPEG from a movie, Saving RAW file data in the buffer memory |
| Edit (playback)            | Copyright information.                                                                                                                                                                                                                                                                             |
| Other                      |                                                                                                                                                                                                                                                                                                    |

SYSTEM REQUIREMENTS

|                                                                                                                                                                                        |                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Operating systems                                                                                                                                                                      | PC: Windows XP (SP3), Vista, 7<br>Mac: 10.4 or above |
| Supplied software                                                                                                                                                                      | Software SILKYPIX Developer Studio 3.0 for PENTAX    |
| * Using a new lithium-ion battery under the temperature at 23 °C, Tested in compliance with CIPA standard. Actual results may vary depending on the shooting conditions/circumstances. |                                                      |