PENTAX

DIGITAL SLR

K-30

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

Black (body only)
EAN : 027075217195 | Code art : 15612
+ 18-55mm WR
EAN : 027075218420 | Code art : 15175
+ 18-135mm WR
EAN : 0027075217416 |Code art : 15634
+ 18-55mm WR + 50-200mm WR
EAN : 0027075205550|Code art : 1517500

White (body only)
EAN : 027075217812 | Code art : 15667
+ 18-55mm WR
EAN : 0027075218437 |Code art : 15723
+ 18-55mm WR + 50-200mm WR (TBC)

ADVANTAGES

Weather resistant Body

1st weather resistant both body & lenses 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.

OPTIONAL ACCESSORIES

WP remote control

SLR multibag

AA battery holder

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

OPTIONNAL ACCESSORIES	Code Art.
SLR multibag	50099
Waterproof remote control O-RC1	39892
AA battery holder D-BH109	39100
Hand strap O-ST128 (black)	39987
Hand strap O-ST128 (white)	39988
Hand strap O-ST128 (beige)	39989

128.5 MM

96.5 MM

71.5 MM

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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** 16M(4928x3264),12M(4224x2816),8M(3456x2304),5M **RAW** [3:2]16M(4928x3264)
Quality level	RAW (12bit): DNG JPEG: ★★★ (Best), ★★ (Better), ★ (Good)
Color space	sRGB, Adobe RGB
Support	Compatible with SD, SDHC, and SDXC Memory Card

LCD SCREEN

Type	3'' (7.6cm), TFT color LCD monitor, wide angle viewing, Approx. 921k dots, with AR coating Brightness and colors adjustable
Field of view	Approx. 100%
Other features	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) Focus priority or shutter priority mode for AF.S 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 Portrait, Night Scene, Blue Sky, Forest 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 Program, Sensitivity Priority, Shutter Priority, Aperture Priority, Shutter & Aperture Priority, Manual, Bulb
EV Compensation	± 5EV (1/2EV step or 1/3EV can be selected)
AE Lock	Can be assigned to the AF/AE-L button from the menu.
Shutter	Auto: 1/6000 to 30 sec., Manual: 1/6000 to 30 sec. (1/3EV step or 1/2EV step), Bulb. Electronically controlled vertical-run focal plan shutter

BUILT-IN-FLASH

Built-in Flash	Built-in retractable P-TTL auto pop-up flash Guide number: approx. 12 (ISO 100/m) 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 With AA Battery Holder D-BH109 (optional), four AA batteries (Lithium, Ni-MH rechargeable, alkaline) can be used.
AC Adapter	AC Adapter Kit K-AC 128 (optional)
Battery Capacity*	Number of recordable images with 50% flash usage: approx. 410 images, without flash usage: approx. 480 images Playback time: approx. 270 minutes

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) 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. 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
Noise Reduction	Slow Shutter Speed NR, High-ISO NR
Dynamic Range Setting	Highlight Correction, Shadow Correction
Lens Correction	Distortion Correction, Lateral Chromatic Aberration Correction
Digital Filter	Extract Color, Toy Camera, Retro, High Contrast, Shading, Invert Color, Color
HDR Capture	Auto, HDR 1, HDR 2, HDR 3, Auto. composition correction Exposure Bracket Value: ±1EV, ±2EV, ±3EV
Multi-exposure	Number of shots: 2-9, Exposure adjusted automatically.
Interval Shooting	Shooting interval: 1 sec. to 24 hr., Number of shots: up to 999 images, Start Interval setting: immediately, from the set time

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.
Recorded pixels	Full HD(1920x1080,16:9,30fps/25fps/24fps), HD(1280x720,16:9,60fps/50fps/30fps/25fps/24fps), VGA(640x480,4:3,30fps/25fps/24fps)
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), 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,
Edit (playback)	Resize, Cropping, Index, Movie editing, capturing a JPEG from a movie, Saving RAW file data in the buffer memory
Other	Copyright information.

SYSTEM REQUIREMENTS

Operating systems	PC: Windows XP (SP3), Vista, 7 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.