



KEY FEATURES

- High resolution 16.3 megapixel CMOS sensor w integrated AD conversion circuitry.
- High sensitivity 80-51200 ISO range with improved noise performance.
- Speedy 7 FPS captures fast action shots.
- Highly responsive and accurate 11 point SAFOX IX+ autofocus system with dedicated AF assist lamp and light wavelength sensor.
- Widescreen 1080p HD video at 25 FPS, with sound via built-in or external 3.5mm stereo microphone jack.
- Large 3 inch LCD with 921,000 dots of resolution.
- Fully weather sealed and coldproof design.
- Durable magnesium alloy covers surround a rugged stainless steel chassis.
- Highly accurate 77 segment metering system.
- Pentaprism viewfinder with 100% field of view and 0.92X magnification.
- PENTAX body-based Shake Reduction (SR) stabilization system.
- A maximum 1/8000 second shutter speed.
- HDMI port outputs high definition images and video (and sound).
- Native support for both PENTAX PEF and Adobe DNG 14 bit RAW files.
- Improved in-camera HDR image capture.
- A wide range of in-camera image processing and special effects filters.
- Customizable RAW/Fx button.
- Built-in electronic level with tilt scale display.
- SDXC memory card compatibility (via firmware update).



DESCRIPTION	PRODUCT #	UPC	MAP
K-5 Body Kit	14748	027075176546	\$1,599.95
K-5 Lens Kit w DA 18-55 WR	14762	027075176683	\$1,749.95
INCLUDED ACCESSORIES			EST. RETAIL
USB Cable I-USB7	39551	027075072343	\$24.95
AV Cable I-AVC7	39552	027075072350	\$14.95
Li-Ion Battery D-LI90	39830	027075155572	\$59.95
Battery Charger Kit K-BC90	39835	027075155626	\$59.95
Strap O-ST53	39323	027075122130	\$40.00
Hotshoe Cover FK	31040	027075047426	\$6.20
Eyecup FR	30200	027075155725	\$24.95
Body Mount Cover	31016	027075006591	\$6.00
Finder Cap for ME	31011	027075006546	\$10.00
Focusing Screen MF-60 Frame Matte	38578	027075155732	\$59.95
PC Socket Cap	31042	027075053441	\$5.95
Software CD-ROM S-SWxxx			\$25.00
OPTIONAL ACCESSORIES			EST. RETAIL
Battery Grip D-BG4	39846	027075155718	\$229.95
AC Adapter Kit K-AC50	39364	027075126114	\$99.95
Focusing Screen ML-60 Divided Matte	38579	027075155749	\$59.95
Focusing Screen MI-60 Scale Matte	38580	027075155756	\$59.95
Focusing Screen ME-60 Plain Matte	38581	027075155763	\$59.95
Remote Control WP	39892	027075183513	\$29.95
Remote Control F	37377	027075049031	\$33.00
Cable Switch CS-205	37248	027075057951	\$52.00
Magnifying Eyepiece O-ME53 (1.2X)	30150	027075123113	\$49.95
DSLR Gadget Bag	85110	027075086838	\$49.95
DSLR Adventure Gadget Bag	85115	027075137691	\$49.95
DSLR Sling Bag	85120	027075087088	\$59.95
DSLR Leather Hand Strap	85101	027075137110	\$29.95

CAMERA HARDWARE

MODEL: K-5
 TYPE: Digital SLR
 PRODUCT CODE
 Body Kit: 14748, UPC: 027075176546
 Lens Kit w DA 18-55 WR: 14762, UPC: 027075176683

SENSOR

Type: CMOS w primary color filter and integrated Shake/Dust Reduction sensor movement system
 Size: 23.7 x 15.7mm
 Color depth: 8 bits/channel JPG, 14 bits/channel RAW
 Effective pixels: 16.3 MP
 Total pixels: 16.9 MP
 Recorded resolutions
 Still: 16M (4928x3264), 10M (3936x2624), 6M (3072x2048), 2M (1728x1152)
 Movie (resolution/FPS): 1920x1080p25, 1280x720p30/25, 640x480p30/25
 Quality levels: ★★★★★ Premium, ★★★ Best, ★★ Better, ★ Good
 Dust Removal: DR II (ultrasonic vibration to low pass filter) with Dust Alert function

LENS MOUNT

Type/construction: PENTAX K_{AF2} bayonet stainless steel mount
 Usable lenses: PENTAX K_{AF3}, K_{AF2}, K_{AF}, and K_A (K mount, 35mm screwmount, 645/67 med format lenses useable w adapter and/or restrictions)
 SDM function: Yes
 Power zoom function: Yes

FOCUS SYSTEM

Type: SAFOX IX+ TTL phase-difference 11 point (9 cross) wide autofocus system with light wavelength sensor
 Focus modes: AF Single (w focus lock, focus/shutter priority selectable), AF Continuous (w focus/FPS priority selectable), Manual
 Focus point adjustment: Auto 11 Point, Auto 5 Point, User-Selectable, Center
 AF assist: Yes, via dedicated LED AF assist lamp

VIEWFINDER

Type: Pentaprism
 Coverage (field of view): 100%
 Magnification: 0.92X (w 50mm F1.4 at infinity)
 Standard focusing screen: Natural-Bright-Matte II (interchangeable)
 Diopter adjustment: -2.5m to 1.5m
 Depth of field preview: Optical (diaphragm stop-down), Digital

LCD MONITOR

Type: 3.0" TFT color LCD with brightness/color adjustment and AR coating
 Resolution: 921,000 dots
 Wide angle viewable: Yes

LIVE VIEW

Type: TTL by CMOS image sensor
 Field Of View: 100%
 Display Modes: Magnification (2-6X AF, 2-10X MF), Grid Overlay (4x4, Golden Ratio, Scale), Bright/Dark Indication, Histogram
 Autofocus: Yes, Contrast + Face Detection, Contrast Detection, Phase Difference

BUILT-IN FLASH

Type: Retractable P-TTL popup flash
 Guide number: 13m (ISO 100)
 Coverage: 28mm wide angle (equiv 35mm)
 Flash modes: On, Redeye, Slow Sync, Slow Sync + Redeye, Trailing Curtain Sync, Wireless
 Flash exposure compensation: -2 to 1 EV (1/2 steps)

EXTERNAL FLASH

Type: Hotshoe (P-TTL), high speed sync and wireless w PENTAX dedicated flash, X-Sync Socket
 Synchronization speed: 1/180 sec

STORAGE MEDIA

Internal memory: n/a
 Removable memory: SD, SDHC, SDXC (via firmware update)

INTERFACES

Ports: USB 2.0 hi-speed, AV out, HDMI out, DC in, cable switch, 3.5mm stereo microphone, X-sync socket
 Video out: HD (via HDMI), NTSC, PAL
 Printer interfaces: n/a

POWER SUPPLY

Power source: Rechargeable Li-Ion battery D-LI90, D-BG4 Battery Grip (optional) for 2nd D-LI90 battery or 6X AA batteries
 Recordable images: Approx 980 (approx 740 w 50% flash, CIPA)
 Playback time: Approx 440 min
 Movie recording time: Approx 25 min (automatic overheat shutdown protection)
 AC adapter available: Yes (optional)

PHYSICAL SPECIFICATIONS

Body dimensions (W x H x D): 5.2 x 3.8 x 2.9"
 Body weight
 Without battery or removable memory: 23.3 oz
 Loaded and ready: 26.1 oz
 Construction material(s): Magnesium alloy shell over stainless steel chassis
 Weather resistant: Yes (77 weather protection seals)
 Operating temperature: 14-104°F (-10 to 40°C)

LANGUAGE SUPPORT

English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Korean, Chinese (Simplified/Traditional), Japanese

IMAGE CAPTURE

IMAGE STABILIZATION

Type: Sensor-Shift Shake Reduction with rotational compensation (4 stops max)
 Electronic level function: Yes, verification via viewfinder and LCD panel

METERING SYSTEM

Type: TTL open-aperture 77 segment metering
 Sensitivity range: EV 0 to 22 (ISO 100, 50mm F1.4)
 Multi-segment: Yes (77 segments)
 Center weighted: Yes
 Spot: Yes
 Exposure compensation: +/- 5 EV (1/3 and 1/2 steps)
 Exposure lock: Yes
 Exposure bracketing: Yes (2, 3, or 5 frames, up to +/- 2 EV in 1/3 or 1/2 steps)

ISO SENSITIVITY

Auto: ISO 100-12800 (1, 1/2, 1/3 steps), expandable to ISO 80-51200, Bulb mode up to ISO 1600, auto ISO range selectable
 Manual: 100-12800 (1, 1/2, 1/3 steps), expandable to ISO 80-51200, Bulb mode up to ISO 1600

WHITE BALANCE*

Auto preset modes: Auto, Daylight, Shade, Cloudy, Fluorescent (D, N, W, L), Tungsten, Flash, CTE
 Manual mode(s): Yes, 3 manual and 3 Kelvin temperature presets available, copy
 WB settings from a captured image available
 * WB fine adjustment available in all modes

SHUTTER

Type: Electronically controlled, vertical-run, focal plane shutter
 Shutter speed: 1/8000 to 30 sec (1/3 or 1/2 steps), Bulb

CAPTURE MODES

Mode selection: Green, Hyper Program (P), Sensitivity Priority (Sv), Shutter Priority (Tv), Aperture Priority (Av), Shutter & Aperture Priority (TAv), Metered Manual, Bulb, X-Speed, USER (5 presets), Movie
 Custom Image Modes: Bright, Natural, Portrait, Landscape, Vibrant, Muted, Monochrome, Reversal Film, Bleach Bypass
 - All include gamut radar and fine adjustment of saturation, hue, high/low key, contrast, and sharpness (regular and fine adjustment scales). Monochrome mode includes adjustments for filter effects (green, yellow, orange, red, magenta, blue, cyan, infrared), toning (sepia, warm/cool), high/low key, contrast, and sharpness (regular and fine adjustment scales).

Green simplified mode available: Yes

P/A/S/M/B: P, A, S, M, B (extended modes Sv, TAv)

Date stamp: n/a

Digital filters (capture): Toy Camera, Retro, High Contrast, Extract Color, Soft, Starburst, Fisheye, Custom

Data record: Folder name (standard, date), file name (standard, customizable), embed copyright

DRIVE MODES

Mode selection: Single, Continuous (Hi, Lo), Self-Timer (12s, 2s), Remote (0s, 3s, continuous), Auto Bracketing (standard, timer, remote), MLU (standard, remote), HDR Capture (+3, 0, -3 with 5 blend settings and pixel alignment), Multi-Exposure (2-9 shots), Interval (999 shots, 1 sec to 24 hrs, time delay available)

Continuous FPS

- Continuous Hi: 7.0 FPS (22 JPG, 8 RAW)

- Continuous Lo: 2.0 FPS (unlimited JPG, 12 RAW)

Self-timer: Yes (12s, 2s)

Remote control: Yes, infrared (0s, 3s, continuous), cable switch

PLAYBACK MODES

Mode selection: One Shot (no data, basic data, full data, color channel histogram, bright/dark indication, copyright info), Multi Image Display (4, 9, 16, 36, 81 thumbnails), Calendar Filmstrip, Folder, Magnification, Select & Delete, Movie Playback (no data, basic data, full data), Save RAW Data From JPG (if available in buffer memory)

Mode pallet: Image Rotation, Digital Filter, Resize, Cropping, Slideshow, Save as Manual WB, RAW Development, Index Print, Image Comparison, Protect, DPOF, Movie Edit, Extract JPG from Movie

Magnification: Up to 32X, scrollable, quick magnification)

Digital filters (playback): Toy Camera, Monochrome (filter, toning), Retro, Color, High Contrast, Soft, Extract Color, Starburst, Sketch, Watercolor, Fisheye, Pastel, Slim, Miniature, HDR, Posterization, Base Parameter Adj, Custom

FILE FORMATS

Still: RAW (PEF, DNG), JPG (EXIF 2.21), DCF 2.0 compliant, DPOF, PIM III
 Movie (compression): AVI (Motion JPG)

CUSTOM FUNCTIONS

Functions available: 27

FILE STORAGE MATRIX (BASED ON 1GB MEMORY)

JPG	RAW	★★★★	★★★	★★	★
16M	28	65	105	186	368
10M		102	163	289	564
6M		167	267	468	902
2M		516	805	1373	2518
MOVIE (H:M:S)	★★★	★★	★		
1080p25	00:01:19	00:01:44	00:02:25		
720p30	00:02:08	00:03:16	00:04:33		
720p25	00:02:33	00:03:54	00:05:26		
VGA, 30 FPS	00:06:17	00:09:30	00:13:04		
VGA, 25 FPS	00:07:31	00:11:19	00:15:29		