

PENTAX

K10D



Key Features

Shake Reduction feature incorporating a **10.1 megapixel** CCD is compatible with ANY Pentax lens produced

PRIME Image processor preceded by the new **22-bit A/D converter** gives truer color tones with less noise and a wider dynamic range

Weather Resistant body for shooting in less than ideal situations

CCD Dust Removal system combines the Pentax **SP coating**, sensor shift and an adhesive dust capture strip.

High-precision SAFOX VIII **11-point auto focus** (9 cross-type sensors) system with single and continuous AF

Large **2.5-inch LCD** monitor with 210,000 pixel resolution, wide viewing angle and 20 time zoom

Sophisticated **16-segment multi-pattern metering** determines the optimal exposure settings



Description	Product #	UPC	
K10D w/18-55 Lens Kit	19092	027075121508	\$899.95
Included Accessories			
USB Cable I-USB17	39233	027075086180	
Video Cable I-VC28	39262	027075109971	
Strap O-ST53	39323	027075122130	
Hotshoe Cover FK	31040	027075047426	
Eyecup FP	30184	027075126084	
Focusing Scr. LF-80 Frame Matte	38574	027075126008	
Body Mount Cover	31016	027075006591	
Finder Cap for ME	31011	027075006546	
D-LI50 Li-ion Battery	39581	027075126053	
Battery Charger Kit K-BC50	39373	027075126190	
Bottom Cap K10D	30186	027075129986	
Software (CD-ROM) S-SW55			
Optional Accessories			
AC Adapter Kit D-AC50	39364	027075126114	
Battery Grip BG2	39557	027075123632	
Cap D-BG2 (for battery grip)	30187	027075129993	
Cable Switch CS-205	37248	027075057951	
Focusing Scr. LL-80 AF Divided Matte	38575	027075126015	
Focusing Scr. LI-80 AF Scale Matte	38576	027075126022	
Remote Control F	37377	027075049031	
Magnifying Eyepiece O-ME53	30150	027075123113	

Display Box: Body Kit 8.0(L) x 5.8(W) x 4.4(H) – 2.0 lbs. Lens Kit: 13.1(L) x 6.1(W) x 4.7(H) – 3.3 lbs.

Case Pack: Body Kit QTY 5 – 22.0(L) x 8.5(W) x 6.1(H) – 10.8 lbs. Lens Kit QTY 5 – 24.0(L) x 13.7(W) x 6.6(H) – 17.8 lbs.

Country: Assembled in Philippines

Availability: November, 2006

Disclaimer: All prices and specifications subject to change.

PENTAX® K10D

K10D Lens Kit

Camera Type - Auto-exposure digital SLR still camera with TTL auto focus, built-in retractable P-TTL auto flash, and CCD shift shake reduction and dust reduction

Effective Pixels

10.2 Megapixels

Image Capture Device

Type - Interline interlace CCD with a primary color filter (23.5 x 15.7mm)

Total Pixels - 10.75 megapixels

Color Depth - 8 bit (JPEG) or 12 bit (RAW) x 3 colors

Shake Reduction - CCD Image Sensor Shift

Recorded Pixels

JPEG	10M(3872x2592 pixels), 6M(3008x2000 pixels), 2M(1824x1216 pixels)
RAW	10M(3872x2592 pixels)

Focus System

Type - TTL phase-matching 11-point autofocus system (SAFOX VIII)

Autofocus Modes - AF-Single (with focus lock), AF-Continuous, Manual

Lens Mount

Type - PENTAX KAF2 mount compatible with PENTAX KAF2, KAF and KA mount lenses

Power zoom function - Available

K-mount lenses - Usable with restrictions

S-mount lenses - Usable with adapter and restrictions

67/645 lenses - Usable with adapter and restrictions

DA 18-55mm Lens

Type - DA series smc PENTAX zoom

Focal Length - 18mm - 55mm

35mm Equivalent - 27mm - 83mm

Aperture Range - F3.5 - F5.6

Construction - 12 elements in 9 groups

Exposure Control

Light Metering Method

TTL open-aperture metering with choice of: 16-segment, Center-weighted & Spot meter

Metering Range - EV1 - EV21.5 (At ISO 200 with 50mm F1.4 lens)

Sensitivity - ISO Auto, Manual, 100, 200, 400, 800, 1600

Exposure Control Method - Green, Program AE, ISO Priority AE, Shutter Priority AE, Aperture Priority AE, Shutter & Aperture Priority AE, Metered Manual, X-Sync, Bulb

Exposure Compensation - +/-3 EV (1/2 steps), +/- 2 EV (1/3 steps)

Auto Exposure Lock - Available

Depth of Field Preview - Via viewfinder or LCD

Auto Bracketing - 3 frames +/-1.5EV (1/2 steps) or +/-1EV (1/3 steps)

Shutter

Type - Electronically controlled vertical-run focal plane shutter

Shutter Speed - 1/4000 - 30 seconds and Bulb

White Balance

White balance control - TTL Auto, Pre-set, Custom white balance

Available Settings - Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash, Manual

Flash

Built-in retractable P-TTL pop-up flash

Operation Modes - flash on, redeye, leading curtain sync, leading curtain + redeye, trailing curtain sync

Guide Number - 15.6 (at ISO 200/m)

Angle of View Coverage - 28mm (equivalent to 35mm)

Flash Exposure Compensation - +1 to -2 (1/2 steps)

Flash Synchronization - With RTF and via hot shoe

Synchronization Speed - 1/180 sec, P-TTL high speed sync and wireless sync with PENTAX dedicated flash

Shooting Specifications

Digital Filter

Black & White (4 types), Sepia (3 types), Color (18 types), Soft (3 levels), Slim (+/- 8 levels), Brightness (during playback)

Drive Modes

Single-shot, Continuous 3fps to card capacity (JPEG), 9 frames (RAW), Self-timer (12sec, 2sec), Auto bracketing, Extended bracketing, Remote Control (0sec, 3sec), Multi-exposure

Dust Removal

Type - Image sensor shift and SP coating

Time

Modes - dd/mm/yy, mm/dd/yy, yy/mm/dd

World Time - Displays the time in 71 cities (28 time zones)

Image Storage

Storage Media - SD memory card, SDHC memory card

File Formats

Still	JPEG (Exif 2.21), RAW (PEF, DNG), DCF (Design rule for Camera File system), DPOF (Digital Print Order Format), PRINT Image Matching III
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Storage Capacity - Quality Levels: Best, Better, Good with 1GB Card

JPEG	★★★	★★	★
10M (3872 x 2592)	202	345	592
6M (3008 x 2000)	337	575	990
2M (1824 x 1216)	915	1549	2627
RAW	PEF	DNG	
10M (3872 x 2592)	59	59	

LCD / Viewfinder

Optical Viewfinder - Pentaprism with Natural-Bright-Matte II focusing screen

Viewfinder Coverage - 95%

Viewfinder Magnification - 0.95x (with 50mm f1.4 lens, -1m⁻¹)

Diopter Adjustment - -2.5m⁻¹ to +1.5m⁻¹

LCD Monitor - 2.5 inch TFT color LCD with adjustable brightness

LCD Resolution - Approx. 210,000 pixels

Angle of View - Approx. 140°

Playback Specifications

Playback View Modes - Single, Index (nine image)

Magnification - up to 20x enlargement

LCD Function - Image rotation, Folder view, Slide show, Digital filter, Histogram, Exposure warning

Erase and Image Protect Modes - Single, All

PictBridge

One image print, All image print, DPOF, Paper size, Paper type, Paper quality, Border

Language

English, French, German, Spanish, Swedish, Netherlandish, Italian, Russian, Korean, Chinese (Traditional/Simplified), Portuguese, Japanese

Interfaces

Type - USB 2.0 hi-speed

Video Output - Compatible with NTSC and PAL formats

Power Supply

Power Source - Rechargeable D-Li50 Lithium-ion battery, Optional AC adapter (Battery allows approximately 500 shots per charge under normal conditions)

Physical Specifications

Operating Temperatures - 32° to 104° Fahrenheit (0° to 40° Celsius)

Dimensions (W x H x D) - 5.6 x 4.0 x 2.8 Inches (141.5x 101 x 70mm)

Weight - 25.0 oz. (710g) without battery and SD memory card
28.0 oz. (790g) loaded and ready

Computer System Requirements

Mac Requirements

USB: MacOS 10.2 or later, standard equipped USB port

Software: MacOS 10.2+, PowerPC G4 (G5 or Intel CORE rec.), 512MB RAM (1GB rec.), 1024x768+ graphics, 250MB+ HDD (500MB rec.)

Windows Requirements

USB: Windows 2000/XP, standard equipped USB port

Software: Windows 2000/XP, Pentium 4+ (2GHz rec.), 512MB RAM (1GB rec.), 1024x768+ graphics, 250MB+ HDD (500MB rec.)

K10D Lens Kit Inclusions

K10D Body	Lens Hood PH-RBA 52mm
DA 18-55 Lens	Eyecup FP
Video Cable I-VC28	Finder Cap for ME
USB Cable I-USB17	Body Mount Cover
Strap O-ST53	Software (CD ROM) S-SW55
D-Li50 Li-ion Battery	Operating manual
Hotshoe Cover FK	Serial number card, Service Network Directory
Lens Cap F 52mm	Battery Charger Kit K-BC50

Optional Accessories

Cable Switch CS-205	AF360FGZ, AF540FGZ Flash
Remote Control F	Focusing screen AF Divided Matte
AC Adapter Kit D-AC50	Focusing screen AF Scale Matte
Battery Grip BG2	

UPC - 027075121508

Product Code -19092