PENTAX | K200D

CAMERA HARDWARE

MODEL: K200D
TYPE: Digital SLR
PRODUCT CODE:
Body Kit: 19541, UPC: 027075138131
Lens Kit: 19554, UPC: 027075139855

SENSOR
Type: Interline interlace CCD with primary color filter and integrated Shake/Dust Reduction sensor movement system
Size: 23.5 x 15.7mm
Color depth: 8 bits/channel JPG, 12 bits/channel RAW
Effective pixels: 10.2 MP
Total pixels: 10.75 MP
Recorded resolutions: 3872x2592 (10M), 3008x2000 (6M), 1824x1216 (2M)
Quality levels: ★★★ Best, ★★ Better, ★ Good
Dust removal: Image sensor movement combined with SP coating

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

FOCUS SYSTEM
Type: TTL phase-matching 11 point wide autofocus system (SAFOX VIII)
Focus modes: AF Single (w/ focus lock), Manual, AF Continuous available in Action mode (including Auto Pict Action), Kids mode, Pet mode, P/A/S/M/B/Sv
Focus point adjustment: Auto, User-Selectable, Center
AF assist: YES, via built-in flash

VIEWFINDER
Type: Penta-Mirror
Coverage (field of view): 96%
Magnification: 0.85x (w/ 50mm f/1.4 at infinity)
Standard focusing screen: Natural-Bright-Matte II
Diopter adjustment: -2.5 to 1.5
Depth of field preview: Optical diaphragm stop down, Digital

LCD MONITOR
Type: 2.7" TFT color LCD monitor, adjustable brightness
Resolution: Approx 230,000 dots
Wide angle viewable: YES, approx 160° horizontal/vertical

BUILT-IN FLASH
Type: Retractable P-TTL popup flash
Guide number: 13 (100/m)
Coverage: 28mm wide angle (equivalent to 35mm)
Flash modes: TBA
Flash exposure compensation: -2 to 1 EV in 1/2 steps

EXTERNAL FLASH
Type: Hot Shoe (P-TTL, high speed sync available), Wireless with PENTAX dedicated flash
Synchronization speed: 1/180s

STORAGE MEDIA
Internal memory: n/a
Removable memory: SD, SDHC

INTERFACES
Ports: USB 2.0 hi-speed, video out, DC input, cable switch
Video out: NTSC, PAL
Printer interfaces: PictBridge

POWER SUPPLY
Power source: 4* AA (lithium, alkaline, NiMH rechargeable)
Recordable images: Approx 1100 w/ lithium (approx 550 w/ 50% flash use)
Playback time: Approx 700 min
AC adapter available: YES (optional)

PHYSICAL SPECIFICATIONS
Body dimensions (W x H x D): 5.2 x 3.7 x 2.9"
Body weight
Without battery or removable memory: 22.2 oz
Loaded and ready: 24.3 oz w/ lithium batteries (25.6 oz w/ alkaline batteries)
Construction material(s): Reinforced plastic polymer shell around a rugged stainless steel chassis
Operating temperature: 32-104°F

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

IMAGE CAPTURE

IMAGE STABILIZATION
Type: Body-based, sensor shift Shake Reduction (4 stops maximum)

METERING SYSTEM
Type: TTL open aperture, 16 segment metering
Sensitivity range: EV 0-21 (ISO 100, 50mm f/1.4)
Multi-segment: YES, 16 segments
Center weighted: YES
Spot: YES
Exposure compensation: +/- 2 EV (1/2 or 1/3 steps)
Exposure lock: YES
Exposure bracketing: YES, 3 frames, up to +/- 1.5 (1/2 steps) or +/- 1.0 (1/3 steps)

ISO SENSITIVITY
Auto: 100-1600 ISO (1, 1/2, 1/3 steps)
Manual: 100-1600 ISO (1, 1/2, 1/3 steps)

WHITE BALANCE*
Auto preset modes: Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent (W, D, N), Flash, Color Temperature
Manual mode(s): YES
* WB fine adjustment available

SHUTTER
Type: Electronically controlled, vertical run, focal plane shutter
Shutter speed: 1/4000 to 30 sec, bulb available

CAPTURE MODES
Mode selection: Auto Picture, Picture (*Portrait, Landscape, Macro, Action, Night Scene Portrait, Standard Flash-Off*), Scene (*Night Scene, Surf & Snow, Food, Sunset, Kids, Pet, Candlelight, Museum*), Program, Sensitivity Priority, Shutter Priority, Aperture Priority, Metered Manual, Bulb
Green simplified mode available: n/a
P/A/S/M/B: P, A, S, M, B (extended modes include Sv)
Date stamp: n/a
Digital filters (capture): TBA
Data record: Folder Name (standard, date)

DRIVE MODES
Mode selection: Single, Continuous (Hi, Lo), Self-Timer (12s, 2s), Remote (0s, 3s), Auto Bracket
Continuous FPS:
- 2.8 FPS (4 JPG and Continuous Hi, 4 RAW)
- 1.1 FPS (unlimited JPG and Continuous Lo, 4 RAW)
Self-timer: YES (12s, 2s)
Remote control: YES, infrared (0s, 3s) and cable switch supported

PLAYBACK MODES
Mode selection: One shot, two shots, index (4, 9, or 16 thumbnails), magnification, image rotation, folder view, slideshow, histogram, bright/dark indicators, RAW to JPG
Magnification: Up to 16x, scrollable
Digital filters (playback): B&W, Sepia, Color (18), Soft (3), Illustration, HDR (3), Slim (+/- 8), Brightness (+/- 8)

FILE FORMATS
Still: RAW PEF/DNG, JPG (EXIF 2.21), DCF 2.0 (design rule for camera file system), DPOF, Print Image Matching III

CUSTOM FUNCTIONS
Functions available: 23

FILE STORAGE MATRIX (BASED ON 1GB MEMORY)

JPG	★★★	★★	★
3872x2592 (10M)	202	343	586
3008x2000 (6M)	335	570	974
1824x1216 (2M)	902	1549	2627
RAW			
3872x2592 (10M)	58		

COMPUTER SYSTEM REQUIREMENTS*
*For device connectivity. Bundled software requirements may vary.
Windows: Windows XP/Vista, USB port
Mac: MacOS 10.2 or later, USB 2.0 port

KIT INCLUSIONS
K200D body (18-55 lens with lens kit), USB Cable I-USB17, Video Cable I-VC28, Strap O-ST53, Hotshoe Cover FK, Eyecup FO, Body Mount Cover, Finder Cap for ME, Software CD-ROM S-SW74, AA Lithium Batteries (*4)

OPTIONAL ACCESSORIES
AC Adapter Kit K-AC76U, Battery Grip BG3, Remote Control F, Cable Switch CS-205, Magnifying Eyepiece O-ME53 (1.2x), DSLR Gadget Bag, DSLR Sling Bag