

PENTAX

VISUAL EXCITEMENT FOR EVERY LEVEL OF PHOTOGRAPHER



MEGAPIXEL
6.1
EFFECTIVE

LCD
2.5"
MONITOR

AT AN EXTREMELY AFFORDABLE PRICE!

PENTAX **istDL2*

The **istDL2* digital SLR offers the fun and excitement of high-quality SLR photography to many levels of photographers, even first-time digital SLR users, at an extremely affordable price. The 6.1-megapixel **istDL2* is designed to offer optimum holding comfort, outstanding maneuverability and effortless operation, so that you can experience high-quality digital SLR photography from your very first photo session. The **istDL2* is designed to be compatible with most PENTAX interchangeable lenses – both old and new- to meet a wide range of applications and maximize your creative freedom.

**istDL2* Two Lens Kit Includes:

**istDL2* Body

smc PENTAX-DA 18-55mm F3.5-5.6 AL Lens

smc PENTAX-DA 50-200mm F4.0-5.6 ED Lens



FEATURES

- Compact design with high-rigidity stainless-steel chassis.
- 6.1 megapixel CCD and sophisticated 16-segment multi-pattern metering delivers outstanding image reproduction.
- High-precision AF system featuring the advanced SAFOX VIII AF system incorporating five cross-type wide-area AF sensors.
- Large 2.5-inch LCD monitor remains easy to view, even on sunny days. Power saving mode extends battery life.
- Optical Preview function allows confirmation of the depth of field in the viewfinder while Digital Preview function allows confirmation of not only the depth of field, but also the exposure level, image composition and flash lighting effect on the LCD monitor.
- User-friendly operation thanks to the innovative Auto Picture mode and choice of 6 Picture Modes and 8 Scene Modes.
- Multi-function four-way controller and large, easy-to-use mode dial are ideally positioned for speedy, effortless fingertip operation.

SPECIFICATIONS

Type	TTL autofocus, auto-exposure digital SLR digital-still camera with built-in retractable P-TTL auto pop-up flash
Effective Pixels	6.1 megapixels
Sensor	6.31 megapixels (total pixels) Interline interlace CCD with a primary colour filter 23.5mm x 15.7mm
Colour Depth	8 bit (JPEG) or 12 bit (RAW)
Recorded Pixels	JPEG: [6M] 3008 x 2000 pixels, [4M] 2400 x 1600 pixels, [1.5M] 1536 x 1024 pixels RAW: [6M] 3008 x 2008 pixels
Sensitivity	Auto, Manual (200/400/800/1600/3200:Standard Output Sensitivity)
File Formats	RAW, JPEG (Exif 2.21), DCF (Design rule of Camera File system), DPOF (Digital Print Order Form), PRINT Image Matching III
Image Formats	Compressed: JPEG - Baseline (★★★Best, ★★Better, ★Good) Non-Compressed: RAW
Storage Media	SD memory card
Lens Mount	PENTAX K _{AF} bayonet mount
Usable Lens	PENTAX K _{AF2} , K _{AF} , and K _{AF} mount lenses. <i>* Power zoom function not available. K-mount lenses usable with restrictions. S-mount lenses, 67/645 lenses usable with adapter and with restrictions.</i>

FOCUSING SYSTEM

Type	TTL Phase-matching 5-point wide autofocus system (SAFOX VIII) with selectable spot AF
Applicable Illumination Range	EV1 - EV19 (at Standard Output Sensitivity 200 with 50mm F1.4 lens)
Mode	AF-single (with focus lock); Manual focus, AF-continuous available* <i>* Available only when the Programmed AE, Shutter-Priority AE, Aperture-Priority AE, Metered Manual or Bulb shooting mode is selected. In the Auto Picture Mode, Picture Mode or Scene Mode, either the Single AF or Continuous AF mode is automatically selected by the camera according to the mode in use.</i>

EXPOSURE CONTROL

Metering System	TTL open-aperture 16-segment metering (coupled with lens and AF information)
Metering Mode	(1) Multi-segment metering (2) Center-weighted metering (3) Spot metering
Metering Range	EV 1 - 21.5 (at Standard Output Sensitivity 200 with 50mm F1.4 lens)
Metering Mode	(1) Auto Picture mode (2) Picture mode (3) Scene mode (4) Program AE (5) Shutter-Priority AE (6) Aperture-Priority AE (7) Metered Manual (8) Bulb Picture mode: Portrait, Landscape, Macro, Action, Night scene portrait, Standard Flash-Off Scene mode: Night Scene, Surf&Snow, Text, Sunset, Kids, Pet, Candlelight, Museum
Compensation	±2 EV (1/2EV steps or 1/3EV steps).
Auto-bracketing	3 frames within range of ±0.5EV, ±1.0EV, ±1.5EV (0.5EV steps) or ±0.3EV, ±0.7EV, ±1.0EV (0.3EV steps)
White Balance	Auto, Daylight, Shade, Cloudy, Tungsten Light, Fluorescent Light (W, D, N), Flash, Manual setting
Digital Filter	B&W, Sepia, Soft(three-level amount adjustable), Slim, Brightness(at playback mode)
Shutter	Electronically controlled vertical-run focal plane shutter Shutter speed: 1/4000 - 30 sec. and bulb
Drive Modes	Single-frame advance, continuous advance, self-timer, auto bracket and remote control Continuous shooting: Approx. 2.8 fps, JPEG(up to 5fps), RAW(up to 3fps.)
Viewfinder	Type: Fixed molded penta-mirror type Focusing screen: Natural-Bright-Matte focusing screen Field of view: 96% Magnification: 0.85X (with 50mm F1.4 lens, infinity, -1m ⁻¹) Diopter adjustment: -2.5 - +1.5m ⁻¹
Viewfinder Indication	(1) AF frame; (2) Spot AF frame
Viewfinder LCD Indication	(1) Flash information; (2) Picture mode (Standard, Portrait, Landscape, Macro, Action, Night scene portrait); (3) Scene mode(SCN); (4) In-focus; (5) Shutter speed; (6) Aperture value; (7) Exposure compensation factor; (8) Manual white balance; (9) Manual focus; (10) Sensitivity warning; (11) Auto exposure lock signal; (12) AFC (AF-continuous)
Mode Dial Indication	(1) Auto Picture mode; (2) Portrait mode; (3) Landscape mode; (4) Macro mode (5) Action mode; (6) Night scene portrait mode; (7) Standard Flash-Off mode; (8) Scene mode; (9) Program AE; (10) Shutter-Priority AE; (11) Aperture-Priority AE; (12) Metered Manual; (13) Bulb
External LCD Panel Indication	(1) Shutter speed; (2) Aperture value; (3) Flash Information (Auto, Flash-On, Flash-Off, Red-eye reduction); (4) Single frame advance/Continuous advance; (5) Self-timer; (6) Remote control; (7) Metering Information; (8) Focus point indicator; (9) Auto bracketing; (10) White balance information; (11) Battery information; (12) Exposure compensation factor; (13) Exposure frame number
LCD Monitor	2.5 inch, low-temperature polysilicon TFT colour LCD monitor (Approx. 210,000 pixels),
Built-in Flash	Type: Built-in retractable P-TTL auto pop-up flash Guide number: 15.6 (Standard Output Sensitivity 200/m) Angle of view coverage: 28mm wide-angle (equivalent to 35mm)
Flash Synchronization	With RTF and via hot shoe Sync speed: 1/180 sec. set automatically with RTF or PENTAX dedicated flash unit at recharge completion
Self-timer	Electronically controlled type with two-second or 12-second delay. Cancellation possible.
Preview Method	Digital Preview, Optical Preview
Custom Function	18 custom-programmable functions available
Main switch	(1) ON; (2) OFF; (3) Preview
Time	World Time: 72 cities (28 time zones)
Language	English, French, German, Spanish, Swedish, Netherlandish, Italian, Russian, Korean, Chinese (Traditional/Simplified), Japanese
PictBridge	Print mode: Single image print, All images print, DPOF auto print
Interfaces	USB 2.0 (Hi-SPEED)
Video Output	Compatible with NTSC and PAL formats
Power Sources	Four AA (lithium, alkaline, and rechargeable Ni-MH) batteries, two CR-V3 lithium batteries. Optional AC adapter also available.
Dimensions	125(W) x 92.5(H) x 67(D)mm (4.9 x 3.6 x 2.6 inches)
Weight	550g (19.4 oz.) loaded and ready with two CR-V3 lithium batteries and SD memory card 565g (19.9 oz.) loaded and ready with four AA batteries and SD memory card 470g (16.6 oz.) without battery and SD memory card.

OTHER FEATURES

- Eighteen user-programmable custom functions to personalize camera operations to user preferences
- SD memory card compatibility
- Storage of recorded images in separate day-by-day folders on an SD memory card
- 1/4000-second high-speed shutter
- High-speed 2.8 frames-per-second consecutive shooting
- Noise-reduction system to minimize annoying digital noise during extended exposures coupled with the large size of individual pixels
- Dual power source, with a choice of two CR-V3 lithium batteries or four AA-size batteries
- Effortless PC data upload via USB 2.0 (HIGH-SPEED) connection
- Functional playback functions, including 12X zoom display and nine-image thumbnail display
- A choice of image format between JPEG (good, better or best) or RAW
- Five built-in digital filters (black-and-white, sepia, slim, soft and brightness) for easy processing of recorded images.
- PENTAX PHOTO Laboratory 2.1 RAW-data processing software and PENTAX PHOTO Browser 2.1 browser software included
- PictBridge compatibility

ACCESSORIES

Included Accessories

Product Code	Description
39233	USB Cable I-USB17
39262	Video Cable I-VC28
39180	Lithium Battery CR2016 (for date)
31040	Hotshoe Cover FK
30132	Eyecup FL
31011	Finder Cap for ME
31016	Body Mount Cover
39190	Strap O-ST10
	AA Alkaline Battery (x4)
	Software (CD-Rom) S-SW43

Optional Accessories

Product Code	Description
39213	AC Adapter Kit K-AC10U
39289	Camera Case O-CC34
37248	Cable Switch CS-205
37377	Remote Control F

SYSTEM REQUIREMENTS

	PC	Macintosh
USB	Windows Me, 2000, or XP HomeEdition/Professional	Mac OS 9.01 or later with CarbonLib 1.5 or later

PENTAX PHOTO Browser 2.1 / PENTAX PHOTO Laboratory 2.1

	PC	Macintosh
OS	Windows Me, 2000, and XP HomeEdition/Professional	Mac OS 9.0 or later installed
CPU	Pentium III or later (Pentium 4 or later)	POWER PC G3 or later (G4 1.0GHz or later)
Memory capacity	Over 256MB (Over 512MB)	Over 256MB (Over 512MB)
Hard disk capacity	Over 250MB (Over 500MB)	Over 250MB (Over 500MB)
Language	English, French, German, Spanish, Italian, Russian, Korean, Chinese (Traditional / Simplified), Japanese	English, French, German, Spanish, Italian, Russian, Korean, Chinese (Traditional / Simplified), Japanese

For smooth operation, suggested system requirements are shown in parentheses.



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