

PENTAX Digital Cameras

X70

Code No. X70	17492
Barcode	0027075149878



A New Adventure Begins.

- > 1/2.33" CCD Sensor with 12 Megapixel resolution. Lifelike colours, finely detailed results for cropped enlargements and poster sized prints.
- > 24x optical zoom for wide angle and powerful telephoto shots, with an enormous zoom range from 26 to 624mm (35mm equiv.), making the X70 an expert all-rounder.
- > Incredible digital zoom up to 150x magnification (3900mm in 35mm terms) thanks to Intelligent Zoom and using 640x480 pixel resolution.
- > Digital Wide function stitches 2 images to make one super-wide image.
- > Super Macro down to 1cm lens to subject distance.
- > HD Quality video at 1280x720 pixel, 15 frames per second.
- > Triple Shake Reduction: CCD Sensor Shift, High ISO, and Movie SR.
- > High Speed Continuous shooting at 11 frames per second and 5 Mp resolution.
- > Interval Timer. Automatically fires the shutter at pre-set intervals.
- > Program, Aperture Priority, Shutter Priority and Manual exposure modes.
- > Low Reflection 2.7" LCD Monitor with 230,000 dots.
- > Electronic viewfinder.
- > Auto Picture Mode. Automatic chooses from 7 subject modes.
- > Powerful rechargeable Lithium Ion battery
- > Small size: 110.5x82.5x89.5mm (WxHxD); weighs only 390g.

Standard Accessories



Optional Accessories



PENTAX

SPECIFICATIONS

Further information available at www.pentax.co.uk

CCD Sensor

- 1/2.33" CCD with 12 effective megapixels
- Resolution (Still): 12M (3:2, 16:9, 1:1), 7M, 5M, 3M, 1024, 640
- Sensitivity (Standard Output Sensitivity): Auto, Fixed (ISO 50–6400)

Lens

- 4.6–110.4mm f/2.8–f/5.0 (26–624mm in 35mm format), 14 elements in 11 groups (4 aspherical lens elements, 3 ED elements)
- 24x optical zoom
- approx. 6.25x digital zoom
- Intelligent Zoom approx. 31.3x at 7M, approx. 150x at 640x480 (including optical zoom)
- Approx. 6.3x digital zoom in movie mode

Viewfinder

- Electronic viewfinder approx. 200k dots

Monitor

- 2.7" LCD Monitor, approx. 230k dots, Anti-Reflection coating

Image Formats and Resolution

- Still: JPEG (Exif 2.21), DCF.
- Video: AVI (Motion-JPEG) with sound 1280x720 (HD), 848x480, 640x480, 320x240
- Sound: WAV (PCM, mono)

Memory

- Internal 33.6Mb, SD card, SD-HC card

Focus

- 9-point AF, Spot AF, Auto tracking AF
- Focus Range (from lens front):
 - Standard: 0.4m – Infinity (at wide setting), 1.7m – Infinity (at tele setting), 1.31 ft. – Infinity (at wide setting), 5.6 ft. – Infinity (at tele setting)
 - Macro: 0.1 – 0.5m (middle zoom position), 0.33 – 1.64 ft. (middle zoom position), 1cm Macro: 0.01 – 0.3m (middle zoom position), 0.03 – 0.98 ft. (middle zoom position)
- Infinity-landscape, Manual Focus, AF Point switching: available

Metering System

- Multi-segment metering, Centre-weighted metering, Spot metering
- Exposure Compensation: $\pm 2EV$ (1/3EV steps)

Exposure Modes

- Auto Picture, Sport, Digital SR, Movie, USER, Manual, Aperture Priority, Shutter Priority, Program, SCN (Landscape, Flower, Portrait, Backlight, Half-length Portrait, Night Scene, Night Scene Portrait, Stage Lighting, Surf & Snow, Baby, Kids, Pet, Food, Fireworks, Frame Composite, Party, Museum, Sunset, Digital Wide, Digital Panorama), Green
- Shutter Speed 1/4000 – 1/4 sec., 4 sec maximum (Tv, Av, M, Night Scene mode setting)
- Face Recognition

Flash

- Built in flash with automatic function in low light, and AF assist function
- Flash-on and Flash-off.
- "Red-eye" reduction with pre-flash.
- Slow-speed synchro, Slow-speed synchro + Red-eye
- Flash Range:
 - Wide: approx. 0.2–9.1m (ISO Auto), approx. 0.66–29.9 ft. (ISO Auto)
 - Tele: approx. 1.7–5.1m (ISO Auto), approx. 5.6–16.7 ft. (ISO Auto)

Video

- Resolution: 1280x720 (15 frames/sec.), 848x480 (30 frames/sec.), 640x480 (15 or 30 frames/sec.), 320x240 (15 or 30 frames/sec.) pixels
- Edit function: Save as still image, cut sequence or join sequences together
- Movie Shake Reduction reduces camera shake for video clips
- Sound

Power Source

- Rechargeable D-LI92 lithium-ion battery, Optional AC adapter kit is also available
- Battery life Still*: Approx. 170 shots (Rechargeable Lithium-ion battery)
- Playback*: Approx. 200 min. (Rechargeable Lithium-ion battery)

Connectivity

- USB2.0 (Hi-Speed), AV (NTSC and PAL), DC Input terminal
- White Balance Auto, Daylight, Shade, Tungsten light, Fluorescent light (W, D, N), Manual setting

Drive Modes

- One shot, Continuous Shooting (L/M/H), Self-timer, 2 sec Self-timer, Interval Shooting from 10 sec to 99 min interval for up to 7 shots, start time programmable up to 24 hours, Auto Bracketing

Playback Modes

- Slideshow, Digital Filter(Color Filter(11 kinds), Soft Filter, Fisheye Filter, Brightness Filter), Frame Composite, Resize, Cropping, Image/Sound Copy, Image Rotation, Movie Edit, Red-eye Compensation, Voice Memo, Protect, DPOF, Image Recovery, Start-up Screen, Face close-up playback

Further Features

- Menu languages: English, German, French, Dutch, Spanish, Portuguese, Italian, Polish, Russian, Chinese, Thai, Japanese, Arabic, Greek, Hungarian, Czech, Swedish, Finnish, Korean, Turkish
- Triple Shake Reduction System. Still: CCD-Shift-Type (SR : Shake Reduction), Hi-sensitivity anti-shake mode (Digital SR). Movie: Movie shake reduction mode (Movie SR)
- Face recognition AF&AE is available in all modes. Up to 32 faces. Smile Capture. Blink Detection.
- Face Priority: this function recognises faces in shot and chooses the best settings for portrait pictures
- "Smile Capture" function: the camera releases automatically when a smiling face is identified, and "Blink Detection" warns if the subject has blinked.
- Start up time: 1.6 Sec
- Shutter delay: 0.031 Sec

Print options

- DPOF (Digital Print Order Form), Print Image Matching III

System Requirements

- PC: Windows Vista, Windows XP, Windows 2000
Intel Pentium III or later
RAM: minimum 512MB
Available hard drive capacity: minimum 1GB
Other requirements: CD Rom drive, Internet Explorer 5.0 (or later), DirectX 9.0 (or later), Windows Media Player 9.0 (or later)
- Mac: OS X (10.3 – 10.5)
Power Macintosh 233MHz (or later)
RAM: minimum 8MB
Available hard drive capacity: minimum 6 MB
Other requirements: CD Rom drive, Quick Time 4.0 (or later)

Software

- ACDSee for PENTAX with image storage management, stitcher and image editing
- PENTAX PHOTO Browser

In the days of film, boxes of negatives and albums full of prints were the way to store and view photographs. Digital imaging makes electronic archiving so much easier. PENTAX Photobrowser software, supplied with every PENTAX camera, makes it easy to store, view and arrange your pictures.

* Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary according to operating conditions. Tests conducted using the monitor and flash for 50% of shots.

As of 1 March 2009. The manufacturer reserves the right to change specification, design, equipment and scope of supply without notice.

PENTAX