

Kodak EasyShare

zoom digital camera

DX7590

Unbelievable picture quality

- Get crisp shots and broader creative range with its professional-quality 10X optical zoom Schneider-Kreuznach Variogon lens
- Create stunning-quality prints up to 20" x 30" with 5.0 MP
- Get rich, vibrant color under a variety of lighting conditions with the exclusive Kodak color science chip
- Consistently capture crisp, precise pictures with high-speed, low-light auto-focus system with dual sensors

Creative performance controls

- Advanced manual and custom controls, including selectable aperture priority, shutter priority, and full manual mode; 16 programmed scene and 5 color modes
- Responsive performance, including less than 0.4 second click-to-capture time
- New continuous shooting and bracketing modes: first and last burst, and automatic exposure bracketing
- Capture up to 80 minutes of motion with continuous VGA (640 x 480) video featuring audio capture and on-camera playback

Effortless operation

- View your pictures on the large 2.2" high resolution, indoor/outdoor display or electronic viewfinder (EVF)
- Optimize your camera's performance with a full range of optional accessories
- Includes high-capacity Kodak EasyShare Li-Ion rechargeable battery and fast charger for long-lasting power
- Auto rotation sensor allows you to see your picture right-side-up whether you shot it horizontally or vertically
- Compatible with optional Kodak EasyShare printer and camera docks*



There's a world of inspiring beauty out there, and the Kodak EasyShare DX7590 zoom digital camera is designed to capture it all. A professional-quality 10X optical zoom Schneider-Kreuznach Variogon lens for amazingly crisp pictures. Five megapixels for prints up to 20" x 30". And powerful, high-performance features offer exceptional control. The DX7590. Engineered to perform. Certain to impress.

Just press



The world is your canvas. (Meet your paintbrush.)

DX7590

Whatever your vision, whatever your photographic passion, the DX7590 has the power and performance that puts you in control to create your own masterpieces.



Unbelievable picture quality

1 10X optical zoom Schneider-Kreuznach Variogon lens

This professional-quality lens features a bright, incredibly powerful f/2.8, 38-380 mm (35 mm equiv.) 10X optical zoom lens. It is comprised of all-glass elements, including two glass-molded aspheres, and is designed with lens coatings on eight lens surfaces to dramatically reduce flare and improve contrast.



2 5.0 megapixels

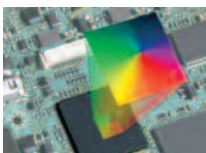
With 5.0 MP, you can get a crisp, vibrant 20" x 30" print. The DX7590 supports a choice of full resolution or optimized 4" x 6" print with no image loss.



2.1 MP Up to 8" x 10" prints | 3.1 MP Up to 11" x 14" prints | 4.8 MP Up to 20" x 30" prints

3 Exclusive Kodak color science image processing chip

The human eye perceives subtleties of color that most camera image sensors cannot. This chip combines advanced algorithms, a high-speed digital signal processor, and hardware acceleration features for colors that are rich, vibrant, and true-to-life.



4 High-speed, low-light auto-focus

Using dual-sensing technologies, this high-speed, low-light auto-focus is fast and accurate. Continuous auto-focus provides very fast 0.4 second click-to-capture time. Use multiple zone focus for auto-focus control. Or selectable left, right, or center zone for more manual control.



5 Powerful scene modes

Choose from its automatic mode or one of its 16 scene or 5 color modes, and the DX7590 automatically adjusts its shutter speed, exposure, focus, ISO, white balance, and flash setting accordingly. Other scene modes include: Snow, Beach, Flower, Text/Documents, Fireworks, and Museum/Manner.



Portrait
Automatically sets ideal aperture to create portraits that flatter the subject and soften the background.



Landscape
Using fixed infinity focus, you'll get maximum sharpness when shooting faraway scenes.



Sports
When subjects are in motion, sports mode automatically selects faster shutter speeds and larger apertures to capture the action without blurring.



Night Landscape
Uses infinity focus and shutter speeds up to 1/2 second to capture distant scenery at night.



Night Portrait
Automatically selects a shutter speed up to 1/2 second and fires the flash in red-eye mode to illuminate the subject in night scenes.



Macro
Get crisp detail for subjects that are close-up.



Backlight
Always fires the flash to illuminate silhouetted subjects.



Children
Faster shutter speeds and noise reduction are used to capture clear pictures of children in action.



Self Portrait
Focus is set to close-up and flash is set to red-eye mode.



Party
Ideal setting for pictures at parties in lower light, with the flash set to red-eye mode.

Creative performance controls

6 Manual and custom modes

Adjust settings like aperture, shutter, ISO, exposure compensation, and flash compensation. From program, aperture priority, or shutter priority to full manual, the DX7590 has it. Save your favorite settings in custom mode and they'll stay set. Both manual and custom modes offer additional setting options, including JPEG compression level, resolution, color, sharpness, and white balance.



7 Continuous shooting modes

Exposure bracketing captures a burst sequence with selectable brackets up to +/- 1.0 EV. First burst captures up to five shots with one shutter click. Last burst accumulates photos for up to 30 frames, and saves the last four pictures once you've released the shutter button.



8 Exposure metering

Select auto exposure on your DX7590 and its advanced matrix metering algorithms will determine how much light is needed. Select from multi-pattern, center-weight, or center-spot exposure settings to push your creative boundaries.



9 Continuous video with audio

Capture life in motion – up to 80 minutes. The DX7590 lets you select VGA (640 x 480) at 12 fps for maximum resolution or QVGA (320 x 240) at 20 fps for maximum frame rate – shoot in continuous video mode or one of three optional video clip lengths.



Effortless operation

10 2.2" high-resolution display

It's larger and more vibrant than most camera LCDs. With the bright display and fast magnification up to 8X, you can see the brilliant clarity of your picture with remarkable responsiveness and ease.



11 High-resolution electronic viewfinder

See your images with incredible clarity and precision thanks to its electronic viewfinder featuring 311k pixels. Camera settings are visible through the viewfinder, so you can easily make adjustments for the best shot.



12 On-camera Share button

Tag a picture you want to share using the Share button. Next time you place your DX7590 in a Kodak EasyShare dock, your picture's ready to print or e-mail. Store up to 32 e-mail addresses and album names right on your camera.



13 Performance-optimizing accessories

Thanks to Kodak's full-line of accessory products, such as its high-quality wide-angle lens, it's simple to get even more dynamic, creative shots with the DX7590.



10X OPTICAL ZOOM
3X ADVANCED DIGITAL ZOOM
30X TOTAL ZOOM

5.0 MEGAPIXEL

20:30" 50x75cm
MAXIMUM PRINT SIZE

PASM
MANUAL MODES

KODAK COLOR SCIENCE IMAGE PROCESSING CHIP

HIGH RESOLUTION LCD SCREEN

EVF
ELECTRONIC VIEWFINDER

AP
HIGH SPEED LOW LIGHT AUTO FOCUS

21 SCENE AND COLOR MODES

VIDEO/AUDIO

AUTO PICTURE ROTATION

LI-ION BATTERY INCLUDED

FAVORITES MODE

32 MB INTERNAL MEMORY

COMPATIBLE WITH EASYSHARE DOCKS

Making digital even simpler

The optional Kodak EasyShare printer dock is the simplest way to go from picture to print. Just dock your Kodak EasyShare digital camera, touch the button, and get real Kodak borderless 4" x 6" prints. It even works with or without a computer. And just like the optional Kodak EasyShare camera dock 6000, the printer dock transfers pictures from camera to computer at the touch of a button and recharges your Kodak camera battery in less than 3.5 hours**.



DX7590

Standard Features

CCD – 1/2.5 inch type (5.36 M total pixels)
Effective pixels – 5.0 megapixel (2576x1932 pixels)
Picture size (recorded pixels):
5.0 MP – (2576 x 1932)
4.4 MP – (2576 x 1716), 3:2
4.0 MP – (2304 x 1728)
3.1 MP – (2048 x 1536)
1.8 MP – (1552 x 1164)
Still format JPEG/EXIF v 2.21
Compression – standard and fine
Lens – 10X optical zoom
6.32-63.2 mm (35 mm equivalent: 38-380 mm)
Advanced digital zoom – 3X
Aperture – f/2.8-8 (wide), f/3.7-8 (tele)
Shutter speed – 1/8-1/1700 sec.;
manual: 16-1/1000 sec.
Very high-resolution electronic viewfinder (311K pixels)
LCD – 2.2" (5.6 cm) TFT high-resolution (153 K pixel)
indoor/outdoor color display

Creative Performance Features

Still capture modes – auto, program, aperture priority, shutter priority, manual, custom, sport, portrait, scene (14), burst
Photo settings – color, black and white, sepia, sharpness
First burst mode – 2 fps, up to 5 frames in sequence
Last burst mode – up to 30 frames at 2 fps, with last 4 frames saved
Click to capture – <0.2 sec. (preview on)
Shot to shot – <1.8 sec. (preview on)
Video mode – video with audio capture/playback
Video resolution – VGA (640x480 pixels) at 12 fps; QVGA (320x240 pixels) at 20 fps
Video length – continuous up to 80 min. limited by capacity of external memory card; or 5, 15, 30 sec. clips
Video format – Quicktime MOV (MPEG-4 compression)
Auto focus – TTL-AF
Auto focus control – continuous AF, single AF, accessory AF
Auto focus selection – multi-zone, center-weighted, and selectable: left, center, right
Focus range
Normal wide – 0.6 m (2.0 ft.) to infinity
Normal tele – 2.0 m (6.6 ft.) to infinity
Close-up wide – 0.12 - 0.7 m (4.7 - 27.6 in.)
Close-up tele – 1.2 - 2.1 m (3.9 - 6.9 ft.)
Sensitivity – ISO equivalent 80 – 160 (automatic) and 80,100, 200, 400, 800+ (selectable)

White balance – auto, daylight, tungsten, fluorescent, open shade
Exposure metering – auto: TTL-AE matrix metering; selectable: multi-pattern, center-weighted, center spot
Manual exposure control – aperture priority AE: f/2.8 - f/8 at wide, f/3.7-f/8 at tele; shutter priority AE: 16-1/1000 sec. at wide; manual mode exposure: f/2.8-f/8, 16-1/1000 sec. at wide; f/3.7-f/8, 16-1/1000 sec. at tele
Long time exposure – 0.7-16 sec.
Exposure compensation – +/-2.0 EV in 0.3 EV step increments
Exposure bracketing – auto; 3 images with user-selectable brackets +/-0.3, +/-0.7, or +/-1.0 EV

Effortless Operation

Built-in flash – auto, red-eye, fill, off
Flash range
wide – 0.6-4.9 m (2-16.1 ft.) at ISO 140;
tele – 2.0-3.7 m (6.6-12.1 ft.) at ISO 140
Flash compensation – +/-1.0 EV in 1/2 EV steps
Review modes – album, protect, image storage, slide show, copy, multi-up, Share button to print, e-mail
Favorites – on-camera picture storage
Auto picture rotation – orientation sensor
Storage – 32 MB internal memory, SD/MMC card expansion slot
Self timer – 10 seconds
Dock compatibility – works with Kodak EasyShare docks*

Additional Features

I/O interface – power input (5V DC), A/V output (NTSC or PAL, user-selectable, exclusive Kodak camera dock/printer dock interface, USB complaint connector)
Power options – Kodak EasyShare Li-Ion (1700 mAh) rechargeable battery (supplied), 5V DC adapter or optional Kodak EasyShare docks
Lens protection – Lens cap
Tripod mount – 1/4 in. standard (metal)
Weight – without battery and card: 350 g (12.3 oz.)
Dimensions – WxHxD: 99.6x81.2x79.9 mm (3.9x3.2x3.2 in.)
Warranty – one year

Minimum System Requirements

Windows 98, 98SE, ME, 2000 SP1, or XP OS
Internet Explorer 5.01 or higher
233 MHz processor or greater
Macintosh OS X 10.2.3, 10.3
Safari 1.0 or higher

Minimum Hardware Requirements

128 MB RAM (64 MB RAM for Windows 98, 98SE, 2000 SP1, ME OS)
200 MB hard drive disk space available
CD-ROM drive
Available USB port

Package Contents

Kodak EasyShare DX7590 zoom digital camera
Kodak EasyShare Li-Ion rechargeable battery (1700 mAh)
Kodak Li-Ion rapid battery charger and plug(s)
Audio/video and USB cables
Neck strap, lens cap with strap
Getting Started Kit (with Kodak EasyShare software)
Custom camera insert for optional Kodak EasyShare camera and printer docks

Recommended Accessories

1. Kodak EasyShare printer dock plus
2. Kodak color cartridge and photo paper kit
3. Kodak EasyShare camera dock 6000
4. Kodak SD memory card, 128 MB
5. Kodak EasyShare Li-Ion rechargeable battery (1700 mAh)
6. Kodak Li-Ion rapid battery charger kit
7. Kodak lens adapter
8. Schneider-Kreuznach Xenar 0.7x wide-angle lens
9. Kodak 8-in-1 card reader
10. B&W neutral density filter
11. B&W circular polarizer filter



†ISO 800 available only at 1.8 MP setting.

*Compatible with optional Kodak EasyShare printer docks, except printer dock 4000.

**Actual battery charging time may vary by camera model.



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