



## Olympus® E-1 Digital SLR

It's the purest digital SLR ever. The heart of an uncompromising system designed entirely from the ground up to take full advantage of every opportunity digital photography has to offer. A fast, rugged camera that delivers new levels of resolution, contrast and control. And the finest digital images ever.

### Olympus E-1 Digital SLR Advantages

**Unparalleled Image Quality** Coupled with our new Zuiko Digital lenses, our state-of-the-art 4/3-type Full Frame Transfer CCD delivers groundbreaking edge-to-edge sharpness. And with advanced image processing, the Olympus E-1 delivers truer color, more subtle gradations and a level of image refinement never before available in a digital camera.

**Revolutionary Size Advantage** By designing the camera in concert with the lenses, we were able to significantly reduce the size and weight of the entire system, creating a new standard in photography with unprecedented levels of mobility and comfort.

**Rugged Durability** The Olympus E-1 is built to confidently withstand the demands of a pro. It features a lightweight, heavy-duty magnesium alloy body. Splash-resistant construction. And an innovative dust reduction system with Supersonic Wave Filter™.

**Record Speed** For spontaneous shooting, the Olympus E-1 features near instantaneous shutter response. 3 frames-per-second burst shooting up to 12 shots. Ultra-fast autofocus and more. Plus responsive fingertip controls located where they should be. For lightning fast downloading, it includes high-speed USB 2.0 and IEEE 1394 connectivity. The Olympus E-1 does everything. And does it quickly.

The Olympus E-1 Digital SLR is part of the world's first interchangeable SLR system designed from day one exclusively for digital photography.



The Olympus E-1 Digital SLR works in concert with our Zuiko Digital lenses to deliver the world's finest digital images.



## Olympus E-1 Digital SLR

Stock No. 262005

<p><b>Type</b> Interchangeable Digital SLR Camera</p> <p><b>Compatible Lens</b> Zuiko Digital FourThirds System lens group</p> <p><b>Lens Mount</b> FourThirds mount</p> <p><b>Body</b> Magnesium alloy</p> <p><b>Media</b> CompactFlash Card (Type I and II), Microdrive</p> <p><b>Image Sensor</b> Type 4/3-type Full Frame Transfer CCD solid-state image sensor Effective Pixels 5.08 megapixels Total Pixels 5.50 megapixels Aspect Ratio 4:3 Filter Array Primary color filter (RGB) Dust Protection Fixed-type Low Pass Filter, Supersonic wave filter</p> <p><b>Viewfinder</b> Type Eye-level pentaprism optical viewfinder Viewfield Coverage 100% Magnification Approx. 1:1 with 50mm lens set to infinity on -1 diopter Eye Point 20mm Diopter Adjustment Built-in, -3 to +1 Focusing Screen Interchangeable type (2 types), matte FS-1 supplied Mirror Quick-return mirror Viewfinder Information AF frame, AF lock, AF correct mark, Exposure mode, Exposure level indicator, Exposure compensation indicator, Exposure compensation value, AE lock, Metering mode, Shutter speed, Aperture value, Auto bracket, White balance, Flash, FP flash, Number of storable sequential pictures Dedicated button Depth of Field Preview Interchangeable (2 types), EP-1 supplied Eye Cup Interchangeable (2 types), EP-1 supplied Eye Piece Shutter Built-in</p> <p><b>Autofocus</b> Type TTL phase difference detection system Focus Modes Single/Continuous autofocus, Manual Detection Range EV -1 to 19 (ISO 100, temperature 20°C) Focus Area 3 points Focus Area Selection Auto, Manual AF Assist Lamp Built-in body-type and built-in optional Olympus dedicated flashes AF Lock Locked by first position of shutter button or AE lock button (customizable)</p> <p><b>Exposure Control</b> Light Metering System TTL full-aperture light metering by 3-zone multi-pattern sensing system Light Metering Modes ESP, Center-weighted average (6.1%), Spot (1.8%) Detection Range ESP, Center-weighted average: EV 1 to 20 (50mm f2, ISO 100, temperature 20°C), Spot: EV 3 to 17 (50mm F2, ISO 100, temperature 20°C) Exposure Control Program (with Program Shift), Shutter priority, Aperture priority: 2 sec. – 1/4000 sec., Manual: 60 sec. – 1/4000 sec. Exposure Compensation +/- 5 steps EV in 1, 1/2 or 1/3 EV steps AE Lock Locked by first position of shutter button or AE lock button (customizable)</p> <p><b>Exposure Bracketing</b> Selectable from 1, 1/2 or 1/3 EV steps, 3 or 5 images</p> <p><b>Sensitivity</b> Auto ISO 100 – 400 Manual ISO 100, 200, 400, 800, boost to 1600/3200</p> <p><b>Shutter</b> Type Electronically controlled focal plane shutter Shutter Speed 1/4000 sec. – 60 sec., Bulb (up to 8 minutes) X-Sync Speed Syncs at 1/180 sec., Super FP mode syncs up to 1/4000 sec. for fill flash Shutter Release Soft-touch electromagnetic Selftimer 12 or 2 sec. Remote Control Wireless by RM-1, Wired by RM-CB1</p> <p><b>Drive System</b> Drive Mode Single, Sequential shooting Sequential Shooting Speed 3.0 frames per second Max. Frame Number on Sequential Shooting 12 frames (TIFF, JPEG, RAW, RAW+JPEG)</p>	<p><b>White Balance System</b> Auto WB System Hybrid detection system with white balance sensor and CCD imager Preset WB 12 Types (3000K, 3300K, 3600K, 3900K, 4000K, 4300K, 4500K, 4800K, 5500K, 6500K, 6600K, 7500K) 4 settings Custom Mode Adjustment -7 (red) to +7 (blue), available in all WB modes WB Compensation 3 frames +/- 1/2/3 steps (+/- 5/10/15 MiReD steps, 1 MiReD = 10° Kelvin) WB Bracketing sRGB, AdobeRGB</p> <p><b>Color Space</b> sRGB, AdobeRGB</p> <p><b>Flash Control</b> Type TTL Auto FP, TTL Auto for Olympus dedicated flash, Auto, Manual Synchronization Mode Auto, Red-eye reduction, Slow synchro, Slow synchro second curtain, Fill-in for exclusive flash Intensity Control +/- 2 steps EV in 1, 1/2 or 1/3 EV steps for exclusive flash Synchro Socket PC ISO type</p> <p><b>Control Panel Information</b> Aperture value, Shutter speed, Focus mode, Metering mode, Exposure level indicator, Exposure compensation indicator, Exposure compensation value, ISO, Color space, White balance, Image quality adjustment, Single-frame shooting/Sequential shooting, Number of storable still pictures, Number of storable sequential pictures, Auto bracket, Noise reduction, AF frame, Flash mode, Record mode, Battery check, Remote control, Self-timer</p> <p><b>Playback Monitor</b> Type 1.8" (4.6 cm) low-temperature poly-silicon TFT color LCD (approx. 134,000 pixels) Viewfield Coverage Approx. 100% Brightness Control +/- 7 steps Protection Cover Detachable type, MC-1 supplied</p> <p><b>Playback</b> Display Mode Single, Zoom (2x, 3x, 4x), Index (4, 9, 16 frames), Slide show Information Exposure mode, Metering mode, Shutter speed, F-stop, Compensation level, ISO, Color space, WB mode, Focal length, Focus area, File type, Contrast level, Sharpness level Histogram, High light point warning Yes</p> <p><b>Erase/Protect Function</b> Erase Mode Single, All, Selected Image Protect Mode Single, Selected</p> <p><b>Recording System</b> Type of Recording Format DCF (JPEG), TIFF, RAW, RAW + JPEG Type of File Format JPEG, TIFF v6.0 (Exif 2.2), RAW (12-bit)</p> <p><b>Menu</b> Information REC (13 items), Playback (4 items), Custom (15 items), Setup (10 items) Languages English (default), German, French, Spanish, Japanese</p> <p><b>Customize</b> Custom Reset 4 types of reset settings Custom Button 38 custom control button assignments available</p> <p><b>Power Supply</b> Battery BLM-1 rechargeable Li-Ion battery pack and BCM-1 charger (included) SHLD-2 Power Battery Holder (optional) AC-1 AC adapter: AC 100V-240V, 50-60Hz; DC 9V (optional) IEEE 1394, USB 2.0</p> <p><b>PC Interface</b> Supported OS Windows®, IEEE 1394: 98SE/Me/2000/XP Windows, USB 1.1: 98SE/Me Windows, USB 2.0: 2000/XP Mac®, IEEE 1394/USB 1.1: Mac OS 9.1, 9.2, OS X 10.1.3 – 10.2.1</p> <p><b>Environment</b> Splash Resistance IEC Standard publication 529 IPX1 Operation 32° – 104°F (0° – 40°C), 30 – 90% humidity Storage -4° – 140°F (-20° – 60°C), 10 – 90% humidity</p> <p><b>Size/Weight</b> Dimensions 5.6" W x 4.1" H x 3.2" D (141 x 104 x 81 mm) Weight 23 oz. (659 g) without batteries and media card</p>
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## File Sizes

File Type	Resolution	Compression	File Size
RAW	2560 x 1920	Uncompressed	10 MB
TIFF	2560 x 1920	Uncompressed	15 MB
SHQ	2560 x 1920	1/2.7	3.9 MB
HQ	2560 x 1920	1/8	1.5 MB
SQ	1600 x 1200	1/2.7	1.6 MB
		1/8	630 KB
	1280 x 960	1/2.7	940 KB
		1/8	320 KB
	1024 x 768	1/2.7	600 KB
		1/8	210 KB
	640 x 480	1/2.7	240 KB
		1/8	100 KB

All file sizes are approximate.

## Package Contents

- E-1 Digital SLR Body
- Li-Ion Battery Pack BLM-1
- Li-Ion Battery Charger BCM-1
- USB Cable
- IEEE 1394 Cable
- Video Cable
- Shoulder Strap
- e-Studio Software
- Adobe® Photoshop Elements CD-ROM
- Web Photo School Lessons
- Manuals
- Warranty Card