

Olympus E-1 Digital SLR Specifications

Model	E-1
Type	Interchangeable Digital SLR Camera
Compatible Lens/Lens Mount	Zuiko Digital, Four Thirds System Lens/Four Thirds Mount
Body	Magnesium Alloy
Media	Compact Flash Card (Type I, II), Micro Drive (16bit/32bit Format compatible)
Image sensor	
Total Pixel Number	5.5 million pixels
Effective Pixel Number	5.0 million pixels
Dust Protection System	Supersonic Wave Filter™, Seals and Gaskets on body and lenses
Viewfinder	
Type	Eye level Pentaprism "High Eye Point" type Optical View Finder
Viewfinder Coverage	100%
Dioptr Adjustment	Built-in type -3.0 to +1.0 diopter
Focusing Screen	Interchangeable type, AF and Metering areas marked, FS-1 all matte supplied
Mirror	Quick Return Mirror
Viewfinder Information	AF frame, AF lock, AF point indicator, AF correct mark, Metering mode, Exposure mode, Shutter speed, Aperture value, AE lock, Auto bracket, White balance, Exposure level indicator, Exposure compensation indicator, Exposure compensation value indication, Flash, FP flash, Number of storable sequential pictures
Depth of Field Preview	Preview Button on Body
Eye Piece Shutter	Built-in type
Auto Focus	
Type	TTL Phase Difference Detection System
Focus Mode	Single AF / Continuous AF / Manual Focus
Detection Range	EV 0 to 19 (ISO 100)
Focus Area	3 Point, auto selection or user selectable
AF Assist Lamp	Built-in body type and built-in optional Olympus Dedicated Flashes
AF Lock	Locked by first position of Shutter Button / AE Lock Button (Customizable)
Exposure Control	
Light Metering System	TTL Full Aperture Light Metering by 3 Zones Multi-pattern Sensing System
Light Metering Mode	ESP / Center Weighted Average (6%) / Spot (2%)
Detection Range	ESP / Center Weighted Average; EV 1 to 20 (50mm F2, ISO 100); Spot; EV 3 to 17 (50mm F2, ISO 100)
Exposure Mode	Program 2 sec. - 1/4000 sec. Program Shift, Aperture Priority, Shutter Priority, 60 sec. - 1/4000 sec. Manual bulb (to 8 min.) 60 sec. - 1/4000 sec.
Exposure Compensation	up to +/- 5 EV in each 1, 1/2, or 1/3 EV step
AE Lock	Locked by first position of Shutter Button / AE Lock Button (Customizable)
Exposure Bracketing	3 or 5 Frames in +/- 1, 1/2, or 1/3 EV step
Sensitivity	
Auto	ISO 100 to 400
Manual	ISO 100/200/400/800, Expandable to 1600/3200

Shutter	
Type	Electronic Controlled Focal Plane Shutter
Shutter Speed	1/4000 to 60 Sec and Bulb (up to 8 minutes), X = 1/180 Sec. Super FP (FP) up to 1/4000 Sec. for fill flash with FL 50
X-Sync Speed	12 or 2 Sec
Self Timer	Wireless by RM-1 / Wired by RM-CB1
Remote Control	
Drive System	
Drive Mode	Single / Sequential Shooting
Sequential Shooting Speed	3.0 fps.
Max. Frame Number on Sequential Shooting	12 Frames (TIFF, JPEG, RAW, RAW+JPEG)
White Balance System	
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)
Custom W Mode	4 Custom Settings
WB Compensation	up to +/- 7 step in each 2mired (20 K) step for each Auto / Preset setting
WB Bracketing	3 Frames with +/- 5/10/15 mired steps (50/100/150 K)
Color Space	sRGB / AdobeRGB
Flash Control	
Type	TTL Auto FP / TTL Auto for Olympus Dedicated Flash, Auto, or Manual
Synchronisation Mode	Auto / Red-eye Reduction / Slow synchro / 2nd Curtain Slow Synchro / Fill-in for Exclusive Flash
Intensity Control	up to +/- 2 EV in each 1, 1/2, or 1/3 EV step for Exclusive Flash
Synchro Socket	Yes (PC ISO type)
Control Panel Information	Flash mode, Metering mode, Focus mode, Record mode, Aperture value, Shutter speed, Battery check, Number of storable still pictures, Image quality adjustment, ISO, Color space, White balance, Remote control, Self-Timer, Exposure level indicator, Exposure compensation indicator, AF frame, Number of storable sequential pictures, Exposure compensation value indication, Auto bracket, Noise reduction, Single-frame shooting/Sequential shooting
Playback Monitor	
Type	Low Temperature Polysilicon TFT Color LCD
Size	1.8 Inch/4.6 cm
Pixel Number	134,000 pixels
Viewfield Coverage	Approx. 100%
Brightness Control	+/- 7 steps
Protection Cover	Detachable type, MC-1 supplied
Play Back	
Display Mode	Single / Zoom (2 / 3 / 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
Exposure Level View	Histogram, High Light Point Warning

Video Signal Output	Yes
Erase / Protect Function	
Erase Mode	Single / All / Selected
Image Protect Mode	Single / Selected
Recording System	
Type of Recording Format	DCF (JPEG), TIFF, RAW
Type of File Format	JPEG, TIFF Ver. 6.0 (Exif 2.2), RAW (12bit)
RAW + JPEG Recording	Yes 2560 x 1920 RAW + 2560 X 1920 JPEG
File Size	Approx. 15 MB (Combined)
RAW	2560 x 1920 Uncompressed Approx. 10 MB
TIFF	2560 x 1920 Uncompressed Approx. 15 MB
SHQ	2560 x 1920 1/2.7 Approx. 3.9 MB
HQ	2560 x 1920 1/8 Approx. 1.5 MB
SQ	1600 x 1200 1/2.7 Approx. 1.6 MB
	1600 x 1200 1/8 Approx. 0.63 MB
	1280 x 960 1/2.7 Approx. 0.94 MB
	1280 x 960 1/8 Approx. 0.32 MB
	1024 x 768 1/2.7 Approx. 0.6 MB
	1024 x 768 1/8 Approx. 0.21 MB
	640 x 480 1/2.7 Approx. 0.24 MB
	640 x 480 1/8 Approx. 0.01 MB
Menu Information	REC (13 items), Play Back (4 Items), Custom (15 items), Setup (10 items)
Languages	English, German, French, Spanish, Japanese, and Hangul (English Set as Default)
Customize	
Custom Reset	4 types
Power supply	
Battery	"Rechargeable Li-ion battery Pack BLM-1 with BCM-1 Charger Optional; Power Battery Holder SHLD-2 with BLL-1" Optional AC adapter : AC-1
AC Adapter	IEEE 1394, USB 2.0 (USB 1.1 via USB 2.0)
PC Interface	
Size / Weight	
Dimensions	5.55" x 4.09" x 3.19" (141 x 104 x 81 mm)
Weight	23 oz. / 660 g (without batteries and CF Card).
Environment	
Weather Proof	Splash Proof Design to resist moisture and dust
Temperature	"Operating Range; 32°F to 104°F (0 to 40°C) Storage Range; -4°F to 140°F (-20 to 60°C)"
Humidity	Operating Range; 30 to 90%, Storage Range; 10%~90%
OS	Windows: IEEE1394 Windows 98SE/Me/2000/XP USB1.1 Windows 98SE/Me USB2.0 Windows 2000/XP
Macintosh:	IEEE1394,USB1.1 MacOS9.1, 9.2, X10.1.3-10.2.1
Box contents	E-1 Body, USB Cable, IEEE1394 Cable, Video Cable, Li-ion Battery Pack (BLM-1), Li-ion Battery Charger (BCM-1), Shoulder Strap, Olympus Viewer 1.0 CD-Rom, Adobe Photoshop Elements 2.0 & Web Photoschool E-1 Lessons CD-Rom, Manuals
Specifications and design are subject to change without notice.	



For more information: www.olympusamerica.com/e1

Olympus America, Inc. • Two Corporate Center Drive • Melville, NY 11747



Douglas Dubler 3
New York City, New York
Beauty and Fashion
Photographer

*"The size and weight...
the placement of controls...
the way it fits in my hand...
the attention to detail...
simply by picking it up,
I could tell this is an
exceptional digital camera."*

*Photographed using the
Olympus E-1 with the
50mm f2.0 Macro and EC14.*



The world's first 100% digital SLR system can now be yours.

After years of development, testing and fine-tuning to the specific needs of professional photographers, the Olympus E-1 is here, bringing with it a new era of digital photography.

Unlike digital cameras with film lenses and accessories attached, every component of the E-1 was designed to be digital. Lenses, flashes, image sensors and camera controls all work together perfectly to bring beautiful images to life with unsurpassed sharpness, contrasts, color richness and crisp detail.

The Olympus E-1 Digital SLR. Created to take advantage of every opportunity digital photography has to offer.

Unparalleled image quality. New Zuiko Digital Specific Lenses™, coupled with a totally new, high-performance image sensor capture light like never

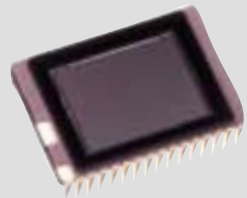
before to deliver groundbreaking edge-to-edge sharpness. And with advanced image processing, the Olympus E-1 delivers truer color, more subtle gradations and a level of image refinement never before available in a digital camera.

Sized for the professional. Based on the new Four Thirds standard for digital photography, Olympus has been able to significantly reduce the size and weight of the entire camera and lens system. As a result, you get unprecedented mobility and comfort.

Rugged durability. The Olympus E-1 is built to confidently withstand the demands of professional photography. It features a lightweight, heavy-duty magnesium alloy body. Splash-resistant construction. And an innovative dust reduction system with Supersonic Wave Filter™ to help keep the imager free of dust, no matter what the shooting conditions.

Greater speed. For spontaneous shooting, the Olympus E-1 features quick shutter response. 3 frames-per-second burst shooting mode with up to 12 shots captured at any resolution: Tiff, JPEG, RAW, and JPEG and RAW. Fast auto focus and auto exposure metering. Plus responsive fingertip controls located where they should be. For lightning fast downloading, it includes high-speed USB 2.0 and IEEE 1394, Firewire™ connectivity. The Olympus E-1 does everything. And does it quickly.





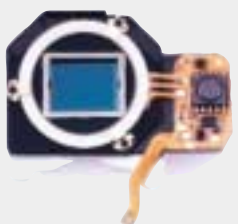
The FFT-CCD delivers the widest latitude, higher dynamic range and the image quality you expect from a professional camera.



For faster processing speed, the E-1 uses a Dual Processor, 3 ASIC digital engine.



Shutter speeds reach 1/40000th of a second.



Our Supersonic Wave Filter™ protects the imager from dust.



The E-1's magnesium alloy body is lightweight and durable.

Designed from the ground up to be digital, with no compromises.

At the heart of image quality is a new type of image sensor.

In the Olympus E-1 SLR, the image sensor is a high-performance Full Frame Transfer CCD (FFT-CCD). Because of the way it captures and transfers data, the FFT-CCD can achieve superior photography with a higher dynamic range, lower noise, and image quality greater than sensors with higher megapixel counts. In fact, the E-1 with its FFT-CCD, delivers the best photographic quality of any digital camera in its class.

Processing speed comes from a new digital engine.

The E-1 features a Dual Processor, 3 ASIC digital engine with a dedicated circuit for each of the three main camera functions: image processing, interface processing and camera controls. The result is high-speed processing that won't keep you waiting to take more pictures or review images.

Amazing shutter speed and reliability.

The E-1's shutter, with speeds of up to 1/40000th of a second, is a feat of precision engineering. But the shutter is by no means delicate. In fact, it's made for the professional and designed with shutter cycle life comparable to the very finest professional cameras.

Olympus engineering protects you from dust.

Olympus has developed the Supersonic Wave Filter™ to protect the

imager in a way that was never possible before. When dust settles on the filter, this ultrasonic technology causes the particles to simply fall away. You don't have to worry about dust damaging a captured image.

Durability to meet the demands of professional photography.

The durability of the E-1 digital SLR comes from its all-metal magnesium-alloy body. Its strength meets all the requirements for the heaviest daily use. Yet it's light in weight to give you the added benefit of carrying ease.

When the weather turns bad, you've nothing to fear.

Since you can't control the weather, Olympus provides a splash-proof design to protect body and lenses against rain and other unavoidable conditions. Gaskets and rubber seals at seams and openings keep out moisture and dust.

Master light like never before with Zuiko Digital Specific Lenses™.

Designed for the new Four Thirds System, Zuiko Digital Specific Lenses are perfectly matched to the E-1's image sensor. Light is focused

directly to all parts of the sensor, which is designed for edge-to-edge sharpness, image quality, vibrant colors and sharp contrasts.

With twice the resolving power of equivalent film lenses. Zuiko Digital Specific Lenses are designed to meet the needs of the most demanding professional photographer, with image quality that can actually surpass pictures produced with a 35mm film camera.

For accurate focus, Zuiko digital Specific Lenses feature aspherical glass elements used to make sure light strikes the image sensor edge to edge. This eliminates a flaw found in ordinary spherical

lenses, where the point of focus for the lens center does not match the focus for the edges.

Many Zuiko Digital Specific Lenses use specially formulated high-resolution ED glass elements for unparalleled contrast, precise color reproduction and crisp focus.

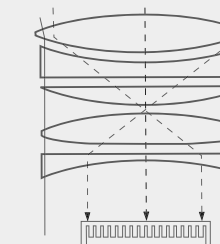
And to further assure quality, Zuiko Digital Specific Lenses are manufactured in a new "clean room," a pristine environment where Olympus lens experts can take up to 16 hours to polish a single lens element.

Comparable film lens

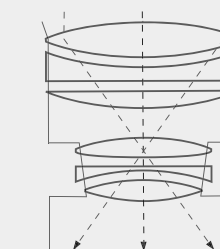


Zuiko digital lens

The all-digital design of the Olympus Digital SLR System allows for downsizing of camera bodies and lenses.



Olympus digital specific lenses focus light more directly to each pixel for better edge-to-edge sharpness.



Instead of focusing light directly, film lenses are designed to spread light evenly over the surface of the film.



Olympus provides a splash-proof design with gaskets and rubber seals at seams and openings to keep out moisture and dust.



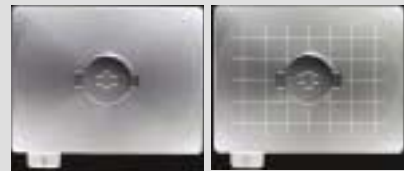
AC-1 Power Supply



Eyecups



BLM Battery and BCM Charger



Focusing Screens



SHLD-2 Power Battery Holder



Camera Case



RM-1 and RM-CB1 Remote Controls



Gadget Bags

Just what you need to make your Olympus E-1 Digital SLR System complete.

AC-1 Power Supply. To preserve battery life when you're near an electrical outlet, plug in the optional Power Supply. Ideal when tethered to a computer for studio operation or while downloading from the E-1 to your computer.

Battery and Charger. Bundled with the E-1 camera is a BCM-1 Battery Charger and BLM-1 Long-Life Lithium-Ion Battery (capture hundreds of shots on a single charge). The BCM-1 Charger and BLM-1 Li-ION battery can also be purchased separately.

Power Battery Holder Set 2. To increase Auto Focus performance, choose the SHLD-2 Power Battery Holder (shown with grip, BLL-1 battery and battery charger). With this Power Battery Holder, subjects moving at approximately 31 MPH can be tracked with the improved AF performance—ideal for bicycling racing, track and field events, football and other fast-moving sports. The BLL-1 battery also increases battery life over the BLM-1 battery that comes with the E-1.

Eyecups. For greater comfort during long stretches behind the lens, the EP-1 eyecup comes with the camera. For a larger eyecup when shooting in brighter light or for greater comfort, the EP-2 eyecup can replace the EP-1.

Focusing Screens. To assure focus and viewing, the E-1 uses new technology Neo-Lumi Matte focusing screens. The screens include the standard FS-1 all-matte screen that comes with the camera or the FS-2 screen, which is an all-matte screen with a 6 x 8 grid pattern. Both screens show the ESP, center weighted and spot metering areas and the AF areas.

Remote controls. Choose the RM-1 Infrared Remote Control to trigger the shutter wirelessly, or get the RM-CB1 Wired Cable Release. The RM-1 has built-in trigger delays at set times of 2 or 12 seconds, while the RM-CB1 Wired Remote allows for bulb exposures up to 8 minutes.

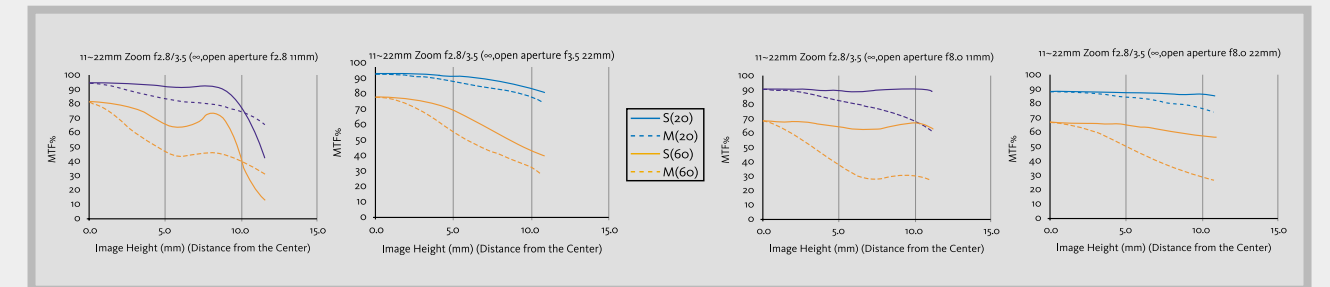
Cases and Bags. To protect camera, lenses and equipment, Olympus offers a full complement of cases and gadget bags.

11-22mm f2.8-3.5 Zuiko Digital Zoom Lens

The 11-22mm f2.8/3.5 wide-angle zoom is the ideal zoom for every day wide shooting of scenics, or in tight situations. State of the art optical designs to minimize aberration and ensure sharp and accurate edge-to-edge detail – even at wide apertures are a standard part of all Zuiko Digital Lenses. Small and light, the 11-22mm Zuiko Digital Zoom provides the range of a 22-44mm lens in 35mm photography.



Available the end of 2003.



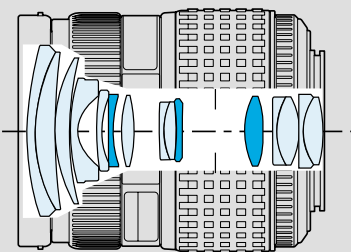


Anne Day
New York City, New York
Documentary Photographer

"I love working with this 14-54 lens, I know that I'm able to capture nearly every situation that I'm interested in. I feel completely confident that I can cover any story with only this lens. It is fast and sharp and coupled with the proper white balance setting, the colors are rich and true.

I was especially impressed with the macro feature. With this lens it's simply a matter of getting as close as you need to get. It delivers a crisp detailed close up."

Photographed using the Olympus E-1 with the 14-54mm f2.8-3.5 Digital Zoom Lens.

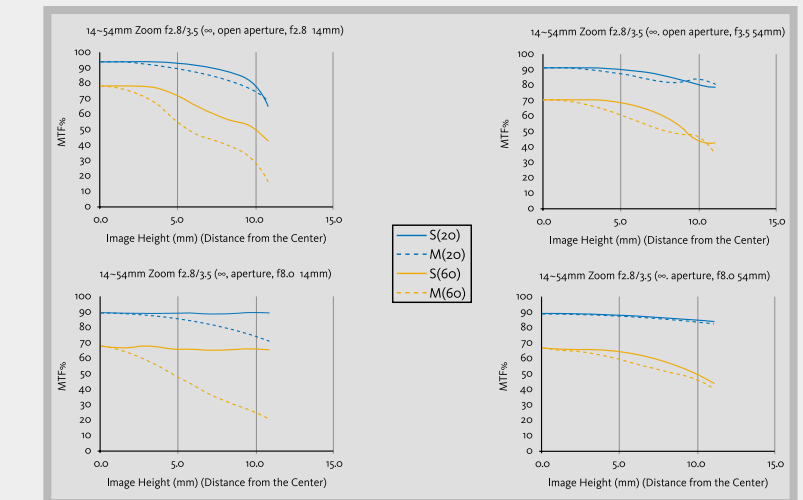


14-54 f2.8/3.5 Zoom
Aspherical Element



14-54mm f2.8-3.5 Zuiko Digital Zoom Lens

A perfect first lens, this compact standard zoom is suited for everyday, common shooting situations. It features 15 elements in 11 groups, including three aspherical glass elements to minimize aberration and ensure sharp and accurate edge-to-edge detail – even at wide apertures to produce award-winning results. Auto focus is fast and precise, thanks to the second generation coreless motor system. Small and light, the 14-54mm Zuiko Digital Zoom provides the power of a 28-108mm lens in 35mm photography.



- Focal Length 14mm – 54mm Zoom (28mm – 108mm 35mm equivalent)
- Lens Construction 15 elements in 11 groups, including 3 aspherical elements
- Focusing Mechanism Inner focus with floating mechanism
- Angle of View 75° to 23°
- Closest Focusing Distance 8.67" (0.22 m)
- Maximum Image Magnification 1:4 (1:2 visual equivalent in 35mm photos)
- Maximum Aperture f2.8 Wide – f3.5 Telephoto
- Minimum Aperture f22
- Number of Aperture Blades 7
- Filter Size 67mm

- Dimensions 2.8" D x 3.4" L (73.5 mm x 87.5 mm)
- Weight 15.3 oz. (435 g)
- Compatibility Teleconverter EC-14
Extension Tube EX-25
- Box Contents 14-54mm f2.8-3.5 Zuiko Digital Zoom Lens, Lens Hood LH-70, Lens Case LSC-o816, Lens Cap LC-67, Lens Rear Cap LR-1, Instruction Manual, Warranty Card

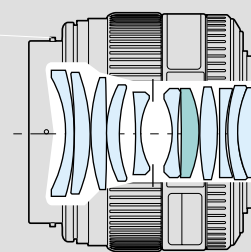
Yes. 19.6mm - 75.6 mm (35mm - 151mm)
Extended maximum image magnification: 1:2.1
(1:1 35mm visual equivalent)



Paul Eekhoff
 Ontario, Canada
 Commercial/Studio
 Photographer

"Following a thorough read of the E-1 owner's manual, it occurred to me that a multi-layered image could illustrate many of the features of Olympus' E-1 camera and 50mm Macro lens... The E-1 has produced the "cleanest" digital files I've ever seen."

Photographed using the Olympus E-1 with the 50mm f2.0 Macro and EC14.

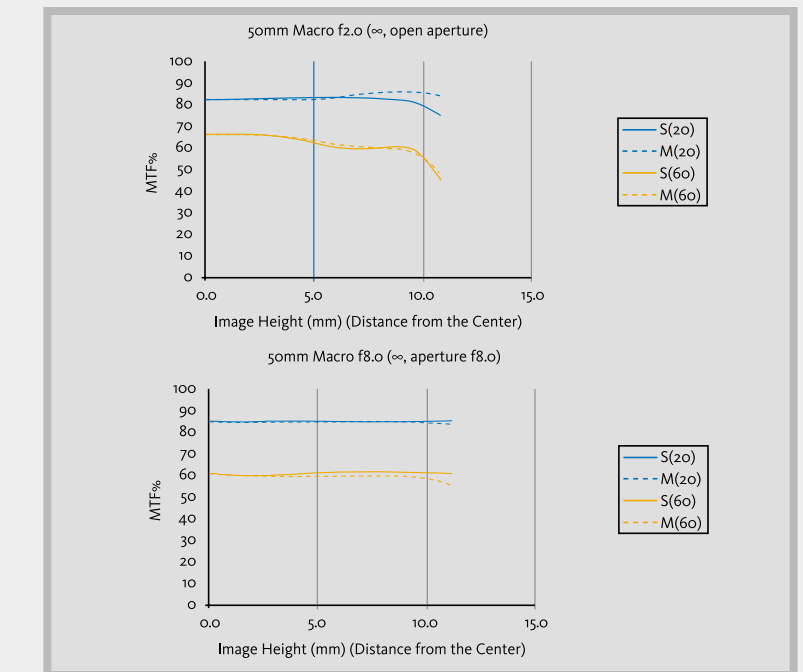


50mm f2.0 Macro 1:2
 ED Glass Element



50mm f2.0 Zuiko Digital Macro Lens

Offering magnification 1:2, which is visually the equivalent to that of life size (1:1) in 35mm photography, this large aperture ED glass prime lens is the ideal macro solutions. It also serves as a fast mid-range telephoto lens ideal for portraiture photography. This Zuiko Digital Macro lens features 11 elements in 10 groups, including an ED glass element that minimizes color smear, chromatic aberration and fringing, ensuring sharp and accurate edge-to-edge detail.



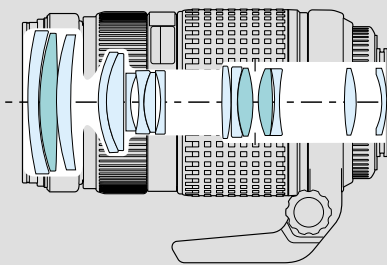
<ul style="list-style-type: none"> ■ Focal Length ■ Lens Construction ■ Focusing Mechanism ■ Angle of View ■ Closest Focusing Distance ■ Maximum Image Magnification ■ Maximum Aperture ■ Minimum Aperture ■ Number of Aperture Blades ■ Filter Size 	<p>50mm Macro (100mm Macro 35mm equivalent) 11 elements in 10 groups, including 1 ED element Floating focusing mechanism 24° 9.45" (0.24 m) 1:2 (1:1 35mm equivalent) f2.0 f22 7 52mm</p>	<ul style="list-style-type: none"> ■ Dimensions ■ Weight ■ Compatibility ■ Box Contents 	<p>2.8" D x 2.4" L (71 mm x 61.5 mm) 10.6 oz. (300 g) Yes = f2.8 or smaller = 70mm (140mm - 35mm) Extended maximum image magnification: 1:1 (2:1 35mm visual equivalent) 50mm f2.0 Zuiko Digital Macro Lens, Lens Hood LH-55, Lens Case, Lens Cap LC-52, Lens Rear Cap LR-1, Instruction Manual, Warranty Card</p>
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John Isaac
Bronksville, New York
Documentary Photographer

"This is probably the most important lens for me. It is small enough to be in my camera bag and big enough to capture a tiny little humming bird to a large landscape. I am impressed with its quick focusing, ease to hand hold and the amazing sharpness."

Photographed using the Olympus E-1 with the 50mm-200mm f2.8-3.5 Digital Zoom Lens.

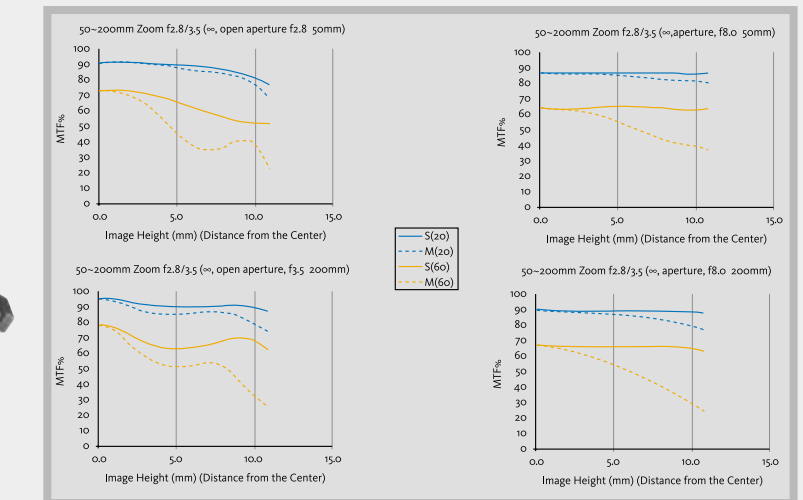


50 - 200mm f2.8/3.5 Zoom
ED Glass Element



50-200mm f2.8-3.5 Zuiko Digital Zoom Lens

This extremely versatile lens breaks new ground in speed and performance for a telephoto zoom lens. Its advanced optical design includes three ED glass elements to achieve outstanding results at all focal length. Like all Zuiko Digital Specific Lenses, the barrel and all connections are crafted using all-metal components with rubber seals to protect the lens from occasional unavoidable weather. This compact, fast f2.8-3.5 50-200mm Zuiko Digital Zoom is the equivalent focal length of a significantly larger 100-400mm zoom lens in 35mm photography.



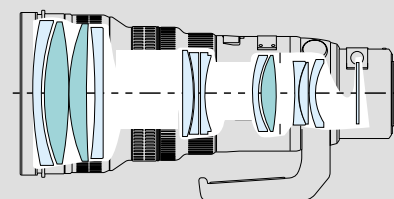
<ul style="list-style-type: none"> ■ Focal Length ■ Lens Construction ■ Focusing Mechanism ■ Angle of View ■ Closest Focusing Distance ■ Maximum Image Magnification ■ Maximum Aperture ■ Minimum Aperture ■ Number of Aperture Blades ■ Filter Size 	<p>50mm – 200mm zoom (100mm – 400mm 35mm equivalent)</p> <p>16 elements in 15 groups, including 3 ED elements</p> <p>Inner focusing</p> <p>24° – 6°</p> <p>3.9 ft. (1.2 m)</p> <p>1:4.7 (1:2.4 35mm equivalent)</p> <p>f2.8 Wide – f3.5 Telephoto</p> <p>f22</p> <p>7</p> <p>67mm</p>	<ul style="list-style-type: none"> ■ Dimensions ■ Weight ■ Compatibility ■ Box Contents 	<p>3.4" D x 6.2" L (87 mm x 157 mm)</p> <p>2.4 lbs. (1070 g) with tripod adapter</p> <p>Yes, 70mm - 280mm (140mm - 560mm)</p> <p>Extended maximum image magnification: 1:2.0 (1:1 35mm equivalent)</p> <p>50-200mm f2.8-3.5 Zuiko Digital Zoom Lens, Lens Hood LH-70B, Lens Case LSC-7, Tripod Adapter TRA-72, Lens Cap LC-67, Lens Rear Cap LR-1, Instruction Manual, Warranty Card</p>
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Jay Dickman
Denver, Colorado
Documentary Photographer

"This lens is phenomenal! Photographing these Motor Cross riders coming straight at me, at speeds up to 30 miles an hour, the lens had no, and I mean no, problem tracking their movement. It's small enough to hand hold, and, to have the equivalent of a 600mm 2.8 in such a small package is amazing. I find myself looking for excuses to go photograph with this lens."

Photographed using the Olympus E-1 with the 300mm f2.8 Digital Super Telephoto Lens.

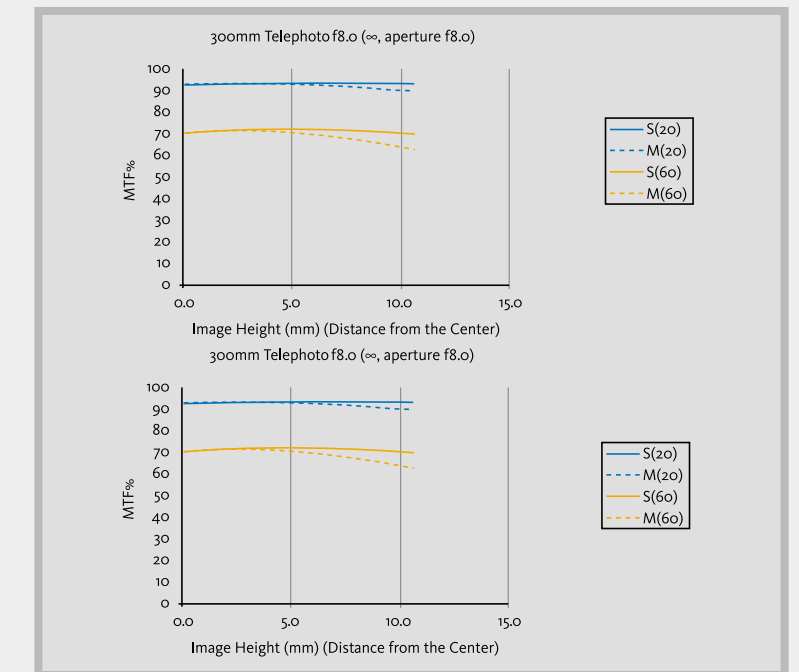


300mm f2.8 Telephoto
ED Glass Element



300mm f2.8 Zuiko Digital Super Telephoto Lens

Built from rigid aluminum alloy, this extreme telephoto lens is lighter and smaller than the equivalent 35mm film lens. The 300mm f2.8 is equivalent to a 35mm focal length 600mm f2.8 lens, and is perfect for shooting sports action, wildlife and fashion – even under poor lighting conditions. The Zuiko Digital 300mm Telephoto features 3 ED glass elements for uncompromised image clarity and includes four filters – Clear, ND4, ND8 and Circular Polarizer. Focus response is fast and accurate due to a second-generation coreless motor and focus limit switch.



- Focal Length 300mm Telephoto (600mm 35mm equivalent)
- Lens Construction 13 elements in 11 groups, including 3 ED elements and 1 filter holder
- Focusing Mechanism Inner focus with floating mechanism
- Angle of View 4.2°
- Closest Focusing Distance 6.6 ft. (2 m)
- Maximum Image Magnification 1:5.3 (1:2.6 35mm equivalent)
- Maximum Aperture f2.8
- Minimum Aperture f22
- Number of Aperture Blades 9
- Filter Size Exclusive drop-in filter

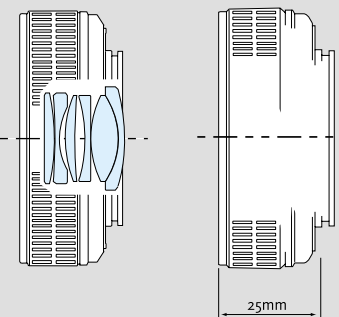
- Dimensions 5.1" D x 11.1" L (129 mm x 281 mm)
- Weight 7.2 lbs. (3.3 kg) with tripod adapter
- Compatibility TeleConverter EC-14
Extension Tube EX-25
- Box Contents Yes = 420mm (840mm to 35mm)
Extended maximum image magnification: 1:3.4
300mm f2.8 Zuiko Digital Telephoto Lens, Lens Hood LH-120, Tripod Adapter, Drop-in Filter Set (Filter Holder DFH-1, Filter ND4-1, Filter ND-8-1, Clear Filter SCF-1, PL Filter DPP-1), Lens Case LS-1SH, Lens Shoulder Strap LSS-1, Lens Cap LC-112, Lens Rear Cap LR-1, Instruction Manual, Warranty Card



Michael Lewis
Long Island, New York
Documentary Photographer

"The EC-14 teleconverter was easy to attach and delivered sharp images with the 50-200 zoom. Due to the relatively light weight of the lens and teleconverter, I was able to hand-hold at 1/250 second at a focal length equal to a 560mm (in the 35mm format). The images were sharp and had no noticeable loss in quality. It was as if the teleconverter wasn't even attached."

Photographed using the Olympus E-1 with the 300mm f2.8 and EC14 Teleconverter.



TC14 1.4x Teleconverter

EX25 Extension Tube

Add value to your lenses with these optical accessories.

EC14 1.4x Teleconverter

If you want an inexpensive way to get more from your lenses without sacrificing quality, you've just found it. With this 1.4x teleconverter, you can turn your Zuiko Digital 300mm f2.8 into a 420 f4.0, in 35mm equivalency, a 840mm f4.0 super-telephoto lens. And that's with only one f stop of light loss. With the EC14, you can also convert your 50-200mm f2.8-3.5 Zuiko Digital lens into a 70-280mm f4.0-5.0 (35mm equivalent of 140-560mm f4.0-5.6), your 14-54mm f2.8-3.5 into a 19.6-75.6mm f4.0-5.6 (35mm equivalent of 140-560mm f4.0-5.6) and your 50mm f2.0 into a 70mm f2.8 (35mm equivalent of 140mm f2.8). This teleconverter uses all multi-coated lens elements to retain your Zuiko Digital lens performance.



EX25 25mm Macro Extension Tube

Add drama to macro photographs with this simple 25mm extension tube that can be coupled with lenses like the 50mm 2.0 Macro or even the 300mm 2.8 to allow a greater range of magnification for close-up photographs. Using the EX25 and 50mm f2.0 Macro produces 1:1 life size macro, visually equivalent to 2:1, or twice life size, with 35mm film photography. With this extension tube, you'll still get the complete body and lens communication that results in high-quality images.

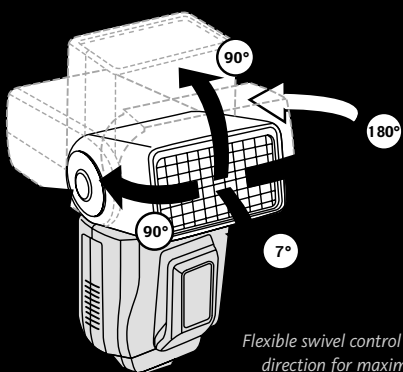
EC-14 1.4x Teleconverter	
Image Magnification	1.4x
Lens Construction	6 elements in 5 groups, all multi-coated
Dimensions (Diameter x Length)	2.7" D x 0.9" L (68 mm x 22 mm)
Weight	6.0 oz. (170 g)
Conversion Figures	
14-54mm f2.8-3.5 Zuiko Digital Lens	70-280mm, f4.0-5.0
50-200mm f2.8-3.5 Zuiko Digital Zoom Lens	
50mm f2.0 Zuiko Digital Lens	420mm, f4.0
300mm f2.8 Zuiko Digital Telephoto Lens	
Box Contents	1.4x Zuiko Digital TeleConverter Lens, Lens Case LSC-7, Lens Cap LC-67, Lens Rear Cap LR-1, Body Cap BC-1, Instruction Manual, Warranty Card

EX25 25mm Macro Extension Tube	
Extension:	25mm
Close Focus Magnification:	50mm f2.0 Macro 1:1 life size 14-54mm f2.8/3.5 zoom 1:2 half life size 50-200mm f2.8/3.5 1:2 life size 300mm f2.8 1:3.4 life size
Construction:	Metal extension tube with contact pass through for the FourThirds lenses.
Box Contents:	EX-25 Zuiko Digital Extension Tube, Lens Case LSC-7, Lens Rear Cap LR-1, Body Cap BC-1, Instruction Manual, Warranty Card.

Professional-level photography has a flash to match.

The Olympus FL-50 flash unit was designed specifically for the E-1. The higher guide number of 50 meter/165 feet provides the power of a dedicated flash that the pro wants and perfect synchronization with the camera's metering and focus systems to provide accurate lighting for any situation. A full-featured powerhouse, the FL-50 allows for flash sync at shutter speeds up to 1/4000th of a second in the FP mode for fill-in light in the brightest conditions. Or TTL Flash at the E-1 flash sync speed of 1/180th second for every day shooting. Dedicated to the E-1, the flash will cover from an 11mm wide-angle to 54mm telephoto (35mm equivalent of 22-108mm), and has a bounce and swivel flash head. Multiple power options allow the use of standard AA type batteries, including Alkaline, NiMH, Lithium or LB-01 (CR-V3). Add the HV-1 High Voltage Power Set to the FL-50 for the ultimate power source and you can shoot with recycle times as fast as 1.5 seconds shot-to-shot.

For shooting on the run, carry the FL-20 flash. This small, lightweight external flash unit is a great solution for simple and direct flash needs. With a high maximum guide number of 20 meter/65 feet at ISO 100, the FL-20 provides effective illumination in a pocket-size package.



Flexible swivel control lets you fine-tune flash direction for maximum creative control.



FL-50 Flash Unit



SHV-1 High Voltage Battery Pack



FL-20 Flash Unit



FP-1 Flash Grip

FL-50 Flash Unit

Type External electronic flash for digital still camera
 Guide Number Automatic switching from 50 at 85mm to 28 at 12mm (42mm to 24mm with 135 camera), 18/20 switching with wide panel
 Flash Emission Period Approx. 1/20000 sec. - 1/500 sec. (Variable according to light intensity)
 Flash Emission Count Approx. 120 times with alkaline batteries (at full activation) Approx. 280 times with LB-01 type lithium battery packs (Variable depending on shooting conditions)
 Recharge Time Approx. 6 seconds using AA alkaline or manganese batteries Approx. 4 seconds using LB-01 type lithium battery packs
 Flash Modes TTL Auto, Auto, Manual, FP TTL Auto, FP Manual
 Bounce Angles Up 0 - 90°, Down 7°, Left 0 - 90°, Right 0 - 180°
 Auto Power Off Synchronizes with auto power off operation of cameras with communication capability
 AF Illuminator Automatic firing at low intensity, possible only when using a camera with communication capability

Power Supply

Internal: 4 x AA alkaline, 4 x AA NiCd, 4 x AA NiMH, 4 x AA manganese, 4 x AA lithium or 2 x LB-01 (CR-V3) lithium battery packs
 External (optional): SHV-1 Flash High-Voltage Set, FP-1 Flash Power Grip
 Operating Environment 32° - 104°F (0° - 40°C), 0 - 80% humidity
 Dimensions 5.2" W x 3.1" H x 4.0" D (133 x 78 x 102 mm) excluding projections
 Weight 13.3 oz (378 g) excluding batteries

FL-20 Flash Unit

Type External Flash for digital Still cameras.
 Guide Number 65 feet/20 meters at ISO 100
 Flash Modes Manual, auto and auto TTL control
 Dimensions:
 Weight:



For soft, even close-up flashes, choose the SRF-11 Ring Flash. To allow shadow-free close-up photography, this flash unit uses a circular tube as its light source and is ideal for medical and macro photography. Guide number 26 feet/ 11 meters at ISO 100. Available the end of 2003.



For macro lighting control, choose the STF-22 Twin Flash. To get the exact lighting you want, twin flashes can be set at any desired angle and can be fired as a single flash or simultaneously. Guide Number 72 feet/ 22 meters. Available the end of 2003.