FOURTHIRDS

MICRO FOURTHIRDS

Produced
by
OLYMPUS IMAGING CORP. PANASONIC CORPORATION SIGMA CORPORATION

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MICRO FOURTHIRDS

FOUR THIRDS LENSES JOINT CATALOG

September 2010

http://www.four-thirds.org/en/

FOURTHIRDS

OLYMPUS Panasonic SIGMA

Open Your Eyes To The Future of Digital.

Conceived and developed exclusively to optimize digital SLR performance,
the breakthrough Four Thirds System revolutionized the world of digital photography
by being the first system to integrate digital cameras with dedicated, made-for-digital lenses.

With a telecentric design that directs light straight to the image sensor,
the Four Thirds System delivers picture quality far superior to what film-based digital SLRs can provide.
Better yet, the Four Thirds System boasts unprecedented potential for miniaturization,
now realized in the Micro Four Thirds System - which boasts all the power of Four Thirds,
plus new-generation, future-ready technologies, in ultra-compact and lightweight cameras.

Today, as we discover and develop new and ever more exciting ways to visualize and portray your world,
our lenses provide the design and performance that will continue into the future.

MICRO FOUR THIRDS

Micro Four Thirds System : Exceptional Photography in a Compact Format

Micro Four Thirds – breakthrough design allows dramatic reduction in camera size.

Since the era of film, the mirror box has been a key component of SLR cameras. It is the mirror box that allows us to view the subject through the viewfinder and compose our shot. On the downside, however, the image that the mirror shows us on the focusing screen is not identical to the one imaged on the film or image sensor. In addition, the mirror is a major contributing factor to camera size and weight.

With the advent of the Live View imaging display made possible by the Four Thirds System, photographers were freed from the imprecision imposed by the optical viewfinder's mirror box, while still enjoying all the performance benefits of SLR photography, together with greater shooting angle flexibility and ease-of-operation. Soon it became possible to dispense with the mirror box altogether and the Micro Four Thirds System standard was born, a Micro Four Third standard established in August 2008.

Now, photographers have a choice. For pure SLR photography with the opportunity to continue using a traditional optical viewfinder, there's the Four Thirds System. For those who want the convenience of compactness and the added feature of movie recording, without giving up the high picture quality of the Four Thirds System, there's the Micro Four Thirds System.

With its unprecedented compact design, stunning SLR-level picture quality, and versatile capabilities, the Micro Four Thirds System standard is the ideal complement to the Four Thirds System, increasing user options and expanding the range of photographic possibilities far beyond the conventional.

A dedicated lens mount design enables further reduction in size and future expandability.

The elimination of the mirror box paves the way for a cascade of size reductions, including cutting the size of the flange back in half (relative to the Four Thirds System) 1 and reducing the lens mount diameter by about 6 mm 2, which in turn makes it possible to reduce the size of the lens itself. And all of this has been achieved without reducing the size of the sensor itself, assuring the same superior picture quality that is provided by the Four Thirds System.

In addition, two signal pins have been added 2 to enable information exchange between the camera body and lens, as allow various extensions to be adopted in the future.

Telecentricity - a key feature inherited from the Four Thirds System - guides light straight to the image sensor surface.

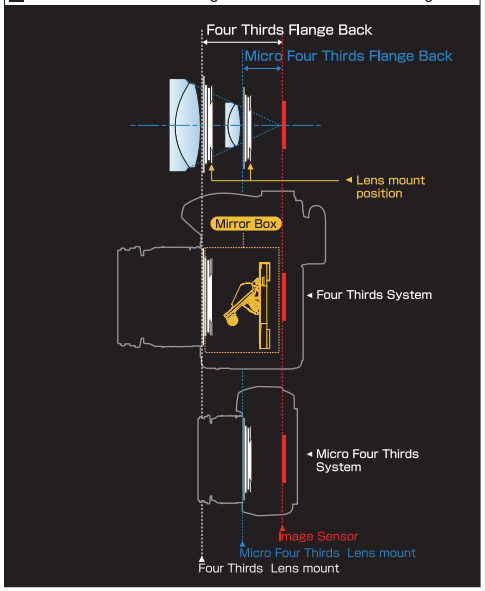
The key to capturing all the light coming through the lens is to achieve a telecentric design that ensures vertical incidence of light on the image sensor. The telecentricity made possible by the digital-dedicated design of the Four Thirds System has been inherited by the Micro Four Thirds System, further ensuring the high picture quality performance of the new system.

Mount adapters let you shoot with existing Four Thirds lenses and even classic SLR lenses.

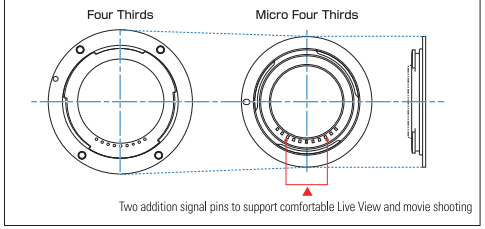
Micro Four Thirds cameras not only work with dedicated Micro Four Thirds lenses, but can also accept any existing Four Thirds lens when an adapter is used 3. As an added bonus, adapters from a wide-range of supporting manufacturers make it possible to use classic lenses from the age of film, ensuring that you'll be able to continue putting your favorite lenses to good use.

(* For details on compatible lens models and restrictions, check your lens manufacturer's website or contact them directly.)

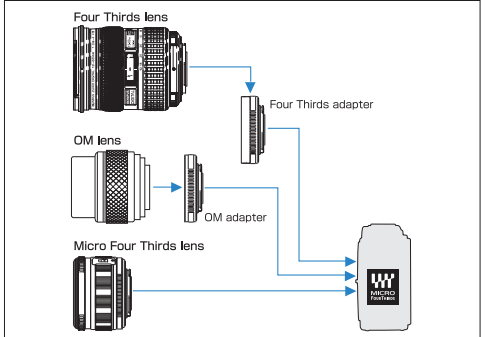
1 About 50% reduction of flange back thanks to mirrorless design



2 6mm reduction of mount outer diameter



3 Compatibility expanded by mount adapters



* Classic lenses not incorporating the AF function can be used only with manual focusing.
* Performance is guaranteed only with the lenses from the approved manufacturers.

M. ZUIKO DIGITAL ED 9-18mm f4.0-5.6 / 1/3200sec. f5.6

MICRO FOURTHIRDS Lenses

While retaining the optimized telecentricity of Four Thirds System lenses, these lenses are smaller and lighter thanks to the mirrorless design.

14-28mm (35mm equivalent)

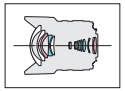
Panasonic : LUMIX G VARIO 7-14mm f4.0 ASPH.

ED lens | Aspherical lens

Max. dia. x Overall length = ϕ70mm x ca. 83.1mm
Weight = 300g

Ultra-wide-angle, ultra-compact 14-28mm zoom lens.

Taking full advantage of Micro Four Thirds System's short flange back, this compact lens captures breathtaking wide perspectives with an angle of view of 114°.



18-36mm (35mm equivalent)

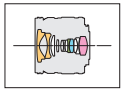
OLYMPUS : M. ZUIKO DIGITAL ED 9-18mm f4.0-5.6

DSA (Dual Super-Aspherical) lens | HR lens | ED lens | Aspherical lens | Movie & Still Compatible

Max. dia. x Overall length = ϕ56.5mm x 49.5mm
Weight = 155g Filter diameter = ϕ52mm

Ultra-wide-angle zoom with maximum angle of view of 100°.

With an overall length of just 49.5mm and a weight of 155g, this ultra-wide-angle zoom lens sets a new standard in compact design. Ideal for snapshots and landscape shooting.



28-84mm (35mm equivalent)

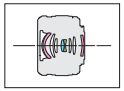
OLYMPUS : M. ZUIKO DIGITAL ED 14-42mm f3.5-5.6

HR lens | ED lens | Aspherical lens

Max. dia. x Overall length = ϕ62mm x 43.5mm
Weight = 150g Filter diameter = ϕ40.5mm

Ultra-compact, with excellent imaging performance.

Thanks to the retractable mechanism design, this lens is exceptionally short for a standard 3x zoom lens with an overall length of just 43.5mm. This lens boasts high performance throughout its range.



28-84mm (35mm equivalent)

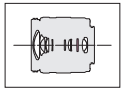
Panasonic : LUMIX G VARIO 14-42mm f3.5-5.6 ASPH. MEGA O.I.S.

Aspherical lens | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = ϕ60.6mm x 63.6mm
Weight = 165g Filter diameter = ϕ52mm

Lightweight and highly portable.

In spite of its light weight, this lens boats a 9-group, 12-element configuration (including one aspherical lens element) that offers both high imaging performance and compactness, An excellent, all-purpose lens.



28-90mm (35mm equivalent)

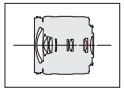
Panasonic : LUMIX G VARIO 14-45mm f3.5-5.6 ASPH. MEGA O.I.S.

Aspherical lens | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = ϕ60mm x ca. 60mm
Weight = 195g Filter diameter = ϕ52mm

Standard zoom lens with compact size and light weight.

With a wide focusing range of about 3.2x zoom ratio from wide-angle 28mm (35mm equivalent), this lens ensures exceptional shooting performance under a wide range of conditions. It is compatible with contrast AF.



28-280mm (35mm equivalent)

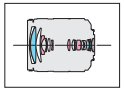
Panasonic : LUMIX G VARIO HD 14-140mm f4.0-5.8 ASPH. MEGA O.I.S.

ED lens | Aspherical lens | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = ϕ70mm x ca. 84mm
Weight = 460g Filter diameter = ϕ62mm

Full-time autofocusing capable in movie recording.

This HD lens is optimized for movie recording. It provides high accuracy and silent drive thanks to the lightweight focus lens element and a direct-drive linear motor.



28-300mm (35mm equivalent)

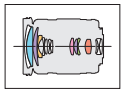
OLYMPUS : M. ZUIKO DIGITAL ED 14-150mm f4.0-5.6

ED aspherical lens | DSA (Dual Super-Aspherical) lens | HR lens | CMR lens | ED lens | Aspherical lens | Movie & Still Compatible

Max. dia. x Overall length = ϕ63.5mm x 83mm
Weight = 260g Filter diameter = ϕ58mm

Slim 10.7x zoom lens suitable for travelling.

A slim, high-power lens that covers the standard focusing range from wide-angle to telephoto. The AF drive achieves both high speed and quiet noise.



Planned for release in November 2010

80-300mm (35mm equivalent)

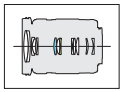
OLYMPUS : M. ZUIKO DIGITAL ED 40-150mm f4.0-5.6

HR lens | ED lens | Movie & Still Compatible

Max. dia. x Overall length = ϕ63.5mm x 83mm
Weight = 190g Filter diameter = ϕ58mm

Compact, lightweight telephoto zoom equivalent to 300mm.

A telephoto zoom lens weighing only 190g with unparalleled portability. It employs an ED lens element to correct chromatic aberration and a circular aperture diaphragm for natural defocusing.



90-400mm (35mm equivalent)

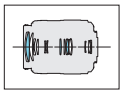
Panasonic : LUMIX G VARIO 45-200mm f4.0-5.6 MEGA O.I.S.

ED lens | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = ϕ70mm x ca. 100mm
Weight = 380g Filter diameter = ϕ52mm

Telephoto zoom lens with a compact size.

The optics of this zoom lens employs a 13-group, 16-element configuration including three ED lens elements. This design effectively corrects aberrations to achieve high picture quality.



LUMIX G FISHEYE 8mm f3.5 / Aperture priority

MICRO FOUR THIRDS Lenses

Planned for release in December 2010

150-600mm (35mm equivalent)

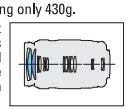
OLYMPUS : M. ZUIKO DIGITAL ED 75-300mm f4.8-6.7

HR lens | Super ED lens | ED lens | Movie & Still Compatible

Max. dia. x Overall length = ϕ70mm x 116mm
Weight = 430g Filter diameter = ϕ58mm

Super-telephoto zoom weighing only 430g.

This zoom lens with 600mm equivalent super-telephoto capability enables long-range, handheld shooting and close-up work. Powerful images can be captured from any angle even from great distances.



Planned for release in autumn 2010

200-600mm (35mm equivalent)

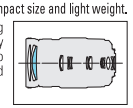
Panasonic : LUMIX G VARIO 100-300mm f4.0-5.6 MEGA O.I.S.

ED lens | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = ϕ73.6mm x ca. 126mm
Weight = 520g Filter diameter = ϕ67mm

Super-telephoto zoom lens with compact size and light weight.

Provides sharp, high-contrast imaging throughout the zoom range. Enjoy smooth, comfortable super-telephoto shooting thanks to high-speed contrast AF and MEGA O.I.S.



90mm (35mm equivalent)

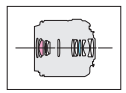
Panasonic : LEICA DG MACRO-ELMARIT 45mm f2.8 ASPH. MEGA O.I.S.

ED lens | Aspherical lens | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = ϕ63mm x ca. 62.5mm
Weight = 225g Filter diameter = ϕ46mm

Outstanding image quality that Leica is known for.

With imaging performance that meets Leica's demanding performance evaluation criteria, this lens offers consistently high contrast and resolution throughout its range from 1x magnification (equivalent to about 2x of 35mm lenses) to infinity.



16mm (35mm equivalent) : diagonal fisheye lens

Panasonic : LUMIX G FISHEYE 8mm f3.5

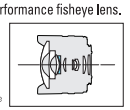
ED lens

Max. dia. x Overall length = ϕ60.7mm (fixed hood section) x ca. 51.7mm
Weight = 185g Filter diameter = Front:Not mountable. Rear:Sheet filter holder 22mm x 22mm

World's smallest, lightest* high-performance fisheye lens.

A diagonal angle of view of 180° and short focal length lets you capture the distortion and exaggerated perspective that fisheye lenses are known for.

* As of June 4, 2010. Among the AF-compatible fisheye lenses for interchangeable-lens type digital cameras.



Planned for release in autumn 2010

28mm (35mm equivalent)

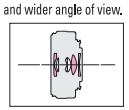
Panasonic : LUMIX G 14mm f2.5 ASPH.

Aspherical lens

Max. dia. x Overall length = ϕ55.5mm x ca. 20.5mm
Weight = 55g Filter diameter = ϕ46mm

Pancake lens with higher brightness and wider angle of view.

Even with ultra-slim and compact design, this lens offers sharp, high-contrast imaging performance. An excellent choice for snapshot or landscape shooting.



34mm (35mm equivalent)

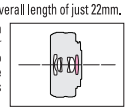
OLYMPUS : M. ZUIKO DIGITAL 17mm f2.8

Aspherical lens

Max. dia. x Overall length = ϕ57mm x 22mm
Weight = 71g Filter diameter = ϕ37mm

A wide-angle pancake lens with an overall length of just 22mm.

This ultra-thin lens has a focal length that makes it an excellent choice for everything from landscapes to portraits, as well as close-ups. The digital-dedicated design ensures clear, high-definition imaging.



40mm (35mm equivalent)

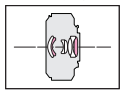
Panasonic : LUMIX G 20mm f1.7 ASPH.

Aspherical lens

Max. dia. x Overall length = ϕ63mm x ca. 25.5mm
Weight = 100g Filter diameter = ϕ46mm

Compact, lightweight 20mm pancake lens with large aperture.

With brightness of f1.7, this lens captures impressive pictures with high contrast and beautiful blur background effect. The small pancake style lens is easy to carry.



Planned for release in autumn to end of 2010

65mm*1 (35mm equivalent) : 3D lens

Panasonic : LUMIX G 12.5mm f12

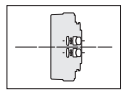
• Available with some Panasonic cameras only.
• Compatible Olympus cameras not yet determined, as of September 2010.

Max. dia. x Overall length = ϕ57mm x ca. 20.5mm
Weight = 45g

World's first*2 interchangeable 3D lens in the compact design.

The lens features two optical systems installed within the diameter of the lens mount, creating stereo images from the left and right lenses. The lens still manages to retain a compact size although it allows easier handling and instant 3D shooting with cameras.

*1 : When setting the aspect ratio at 16:9 with DMC-GH2.
*2 : For a digital interchangeable lens as of September 21, 2010.



FOUR THIRDS

Four Thirds System: Digital-dedicated design assures image perfection

Picture degradation when using a film camera lens with a D-SLR camera.

The biggest problem with the images produced by digital SLR cameras using ordinary SLR lenses is that the picture quality degrades towards the periphery, especially with wide-angle lenses. Ghosts and flares compound the problem.

The photographs 1 on this page were taken under the same conditions (same angle of view, F-number, shutter speed and ISO sensitivity), but one was taken using a 35mm film camera lens and the other with a Four Thirds lens. A comparison of the images clearly shows that the entire picture taken with the 35mm film camera lens is flaring and the distortion increases from the center to the periphery. Four Thirds System lenses, on the other hand, are optimized for digital photography, making it possible to capture a uniform, sharp image with reduced ghost and flare throughout the image, with no distortion in the periphery. As can be seen, using a film camera lens in digital photography may lead to disappointing results.

Four Thirds System enables image sensors to capture light more accurately.

The image sensor in a digital camera can be compared to a "deep well." You cannot see the bottom of the well unless you lean over it. In the same way, light inclined at an angle cannot reach the image sensor that is located at the bottom of partitioning walls installed to protect the sensor against diffused light reflections. To utilize the light rays incident through the lens efficiently and guide them perpendicularly to the sensor surface as shown in 2, the lens should be capable of maintaining the telecentricity. Because lenses designed for 35mm film cameras do not take the image sensor into account, they are very susceptible to distortion and chromatic aberration due to inclined incidence of light on the image sensor (this problem is particularly noticeable at wide angles). The digital-dedicated Four Thirds System standard was created to solve this problem.

With the digital-dedicated Four Thirds System, the diameter of the lens mount exceeds the sensor size and the resulting telecentricity allows all the light (even on the periphery) to travel perpendicularly to the surface of the image sensor. The result is sharp, clear image reproduction throughout the image plane.

An optimization to digital that offers both precision optical quality of digital photography and compact size.

To achieve the optimum balance between high picture quality and compact size, the Four Thirds System uses a 4/3-inch image sensor.

The foundation for the high picture quality of the Four Thirds System is the lens mount, which is about twice the diameter of the image circle 3. This extra headroom allows much more freedom in lens design and ensures sharp, clear imaging performance despite the reduced flange back size.

The diagonal size of the 4/3-type image sensor is about half that of a 35mm film camera lens. This means that the focal length required to obtain a given angle of view is half that needed for a 35mm film camera. As a result, the optical system can be made much smaller 4.

Moreover, because the effective aperture can be reduced without reducing brightness, the Four Thirds System makes it possible to design much brighter lenses in much smaller sizes than before.

The Four Thirds System standard is an open standard designed to maximize freedom of every kind, for example matching different lenses and camera bodies in pursuit of higher picture quality and expanded creative expression.

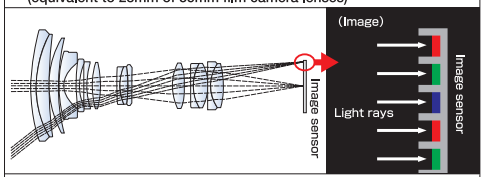
A joint firmware update system is also implemented for Four Thirds cameras.

1 Difference between 35mm film camera lens and Four Thirds lens

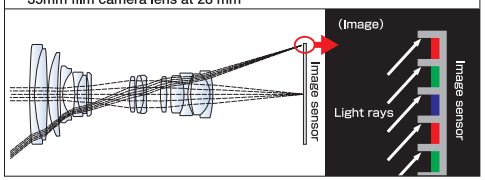
Picture taken with a 35mm film camera lens

Picture taken with a Four Thirds System digital camera lens

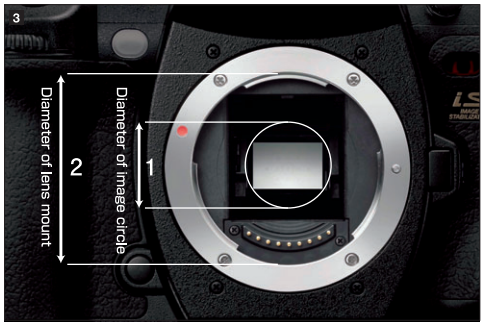
2 ZUIKO DIGITAL 14-54mm f2.8-3.5 II lens at 14mm (equivalent to 28mm of 35mm film camera lenses)



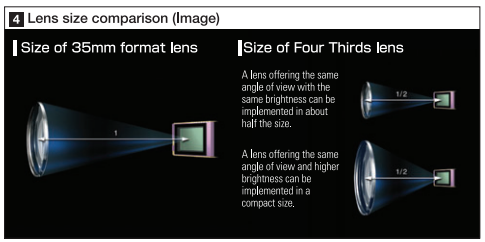
35mm film camera lens at 28 mm



3



4 Lens size comparison (Image)



ZUIKO DIGITAL ED 7-14mm f4.0 : 1/500sec. f8.0

FOUR THIRDS Wide Zoom Lenses

These zoom lenses cover the wide-angle range below 12mm (equivalent to 24mm of 35mm film camera lenses) at the wide end.
The exaggerated perspectives and extensive depth of field create an almost unimaginable spatial beauty.

14-28mm (35mm equivalent)

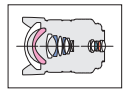
OLYMPUS : ZUIKO DIGITAL ED 7-14mm f4.0

ED glass molded aspherical lens | Super ED lens | ED lens | Aspherical lens | Splash/dust-proof

Max. dia. x Overall length = ϕ86.5mm x 119.5mm
Weight = 780g Filter diameter = -

Ultra-wide-angle zoom lens with an angle of view of 114°.

Designed to capture the most mind-boggling perspectives, this lens incorporates large-aperture lens elements with aspherical surfaces on both sides to minimize distortion.



18-36mm (35mm equivalent)

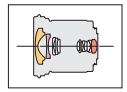
OLYMPUS : ZUIKO DIGITAL ED 9-18mm f4.0-5.6

ED glass molded aspherical lens | DSA (Dual Super Aspherical) lens | Aspherical lens

Max. dia. x Overall length = ϕ79.5mm x 73mm
Weight = 275g Filter diameter = ϕ72mm

Ultra-wide-angle zoom lens with lightweight, ultra-compact design.

Thanks to the incorporation of a DSA lens element, this superb ultra-wide-angle zoom lens combines an 18-36mm (35mm equivalent) focal length with an ultra-compact design of 73mm overall length and a light weight with of just 275g.



20-40mm (35mm equivalent)

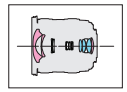
SIGMA : 10-20mm f4-5.6 EX DC HSM

SLD glass | Aspherical lens | Hyper-Sonic Motor drive (HSM) AF

Max. dia. x Overall length = ϕ83.5mm x 86.4mm
Weight = 495g Filter diameter = ϕ77mm

Wide-angle zoom lens designed for expansive wide-angle photography.

This wide-angle zoom lens has an angle of view of 94.5° to 56.8°. A very powerful tool for landscape photography, it produces unique images with emphasized perspective.



22-44mm (35mm equivalent)

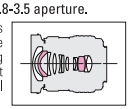
OLYMPUS : ZUIKO DIGITAL 11-22mm f2.8-3.5

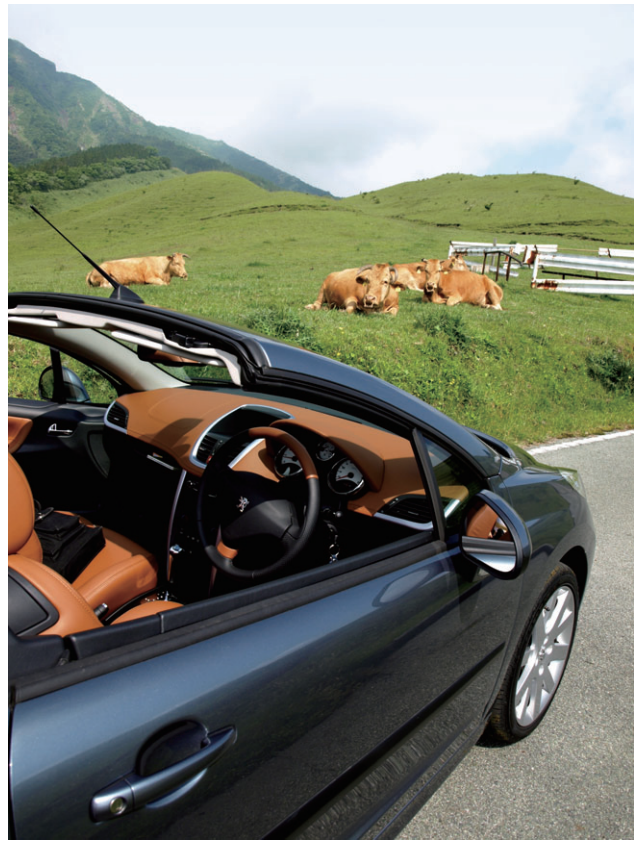
Aspherical lens | Splash/dust-proof

Max. dia. x Overall length = ϕ75mm x 92.5mm
Weight = 485g Filter diameter = ϕ72mm

Wide zoom boasting bright f2.8-3.5 aperture.

With its superb image quality, this compact, lightweight wide-angle zoom lens is perfect for capturing the all-round feeling of the great outdoors or for making a small room seem more spacious.





10-20mm f4-5.6 EX DC HSM : 1/500sec. f5.6

LEICA D VARIO-ELMARIT 14-50mm f2.8-3.5 ASPH. MEGA O.I.S. : 1/400sec. f7.1

FOUR THIRDS Standard Zoom Lenses

These zoom lenses cover the full range from 12mm to 18mm (equivalent to 24mm to 36mm of 35mm film camera lenses) wide-angle to telephoto. From portraits to landscapes, these high-quality, ultra-portable lenses are the perfect choice.

SWD

24-120mm (35mm equivalent)

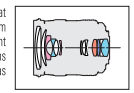
OLYMPUS : ZUIKO DIGITAL ED 12-60mm f2.8-4.0 SWD

ED glass molded aspherical lens | Super ED lens | ED lens | Aspherical lens | Supersonic Wave Drive (SWD) | Splash-/dust-proof

Max. dia. x Overall length = φ79.5mm x 98.5mm
Weight = 575g Filter diameter = φ72mm

High-quality 5x standard zoom with fast AF.

High-performance standard zoom lens that features the fast SWD autofocusing system and covers a wide-angle shooting equivalent to 24mm on a 35mm camera lens. This lens also allowing users to shoot from as close as 25cm throughout the zoom range.



SWD

28-70mm (35mm equivalent)

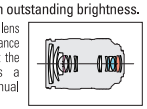
OLYMPUS : ZUIKO DIGITAL ED 14-35mm f2.0 SWD

ED glass molded aspherical lens | ED lens | Aspherical lens | Supersonic Wave Drive (SWD) | Splash-/dust-proof

Max. dia. x Overall length = φ86mm x 123mm
Weight = 900g Filter diameter = φ77mm

f2.0 standard zoom lens with outstanding brightness.

This large-aperture standard zoom lens boasts a high imaging performance and brightness of f2.0 throughout the zoom range. It incorporates a mechanically-interlocked manual focusing mechanism.



28-84mm (35mm equivalent)

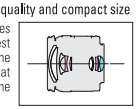
OLYMPUS : ZUIKO DIGITAL ED 14-42mm f3.5-5.6

ED lens | Aspherical lens

Max. dia. x Overall length = φ65.5mm x 61mm
Weight = 190g Filter diameter = φ58mm

Standard zoom with high image quality and compact size

This 3x standard zoom lens features a light weight of 190g and closest focusing distance of only 25cm. The circular aperture diaphragm that enables beautiful defocusing is one of the big advantages of this lens.



28-100mm (35mm equivalent)

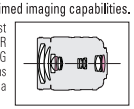
Panasonic : LEICA D VARIO-ELMARIT 14-50mm f2.8-3.5 ASPH. MEGA O.I.S.

Aspherical lens | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = φ78.1mm x 97.4mm
Weight = 490g Filter diameter = φ72mm

Standard zoom with Leica's acclaimed imaging capabilities.

The "LEICA D" lenses are the first interchangeable lenses for D-SLR cameras developed by Leica Camera AG in collaboration with Panasonic. This lens incorporates the MEGA O.I.S., which is a gyro-type optical image stabilizer.



28-100mm (35mm equivalent)

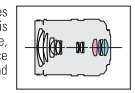
Panasonic : LEICA D VARIO-ELMAR 14-50mm f3.8-5.6 ASPH. MEGA O.I.S.

ED lens | Aspherical lens | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = φ74mm x 93mm
Weight = 434g Filter diameter = φ67mm

Standard zoom with superb expressive capabilities worth the name of Leica.

Including two aspherical lenses and two ED lens elements, this lens boasts superb performance, minimizing aberrations to produce an image with high contrast and sharpness to the periphery.



28-108mm (35mm equivalent)

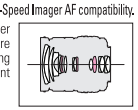
OLYMPUS : ZUIKO DIGITAL 14-54mm f2.8-3.5 II

Aspherical lens | Splash-/dust-proof

Max. dia. x Overall length = φ74.5mm x 88.5mm
Weight = 440g Filter diameter = φ67mm

High-performance zoom lens with High-Speed Imager AF compatibility.

This lens boasts High-Speed Imager AF support and a circular aperture mechanism for higher imaging performance. It also offers excellent close-up shooting capability.



28-300mm (35mm equivalent)

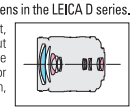
Panasonic : LEICA D VARIO-ELMAR 14-150mm f3.5-5.6 ASPH. MEGA O.I.S.

ED lens | Aspherical lens | Supersonic wave motor (XS) | Optical Image Stabilizer (inside lens)

Max. dia. x Overall length = φ78.5mm x 90.4mm
Weight = 535g Filter diameter = φ72mm

First high-power telephoto zoom lens in the LEICA D series.

This lens achieves high contrast, high-resolution imaging throughout the zoom range. The focusing drive employs a supersonic wave motor with the XS technology for smooth, accurate autofocusing.



36-360mm (35mm equivalent)

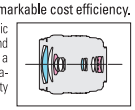
OLYMPUS : ZUIKO DIGITAL ED 18-180mm f3.5-6.3

ED lens | Aspherical lens

Max. dia. x Overall length = φ78mm x 84.5mm
Weight = 435g Filter diameter = φ62mm

Standard 10x zoom lens with remarkable cost efficiency.

Ideal for just about any photographic situation and extremely versatile and mobile, this high-power zoom lens is a cost-effective choice for photographers who want maximum flexibility and performance.



FOUR THIRDS Telephoto Zoom Lenses

Zoom lenses covering the telephoto range over 100mm (equivalent to 200mm of 35mm film camera lenses). Minimized chromatic aberration and compact design expand the possibilities of telephotography.

70-200mm (35mm equivalent)

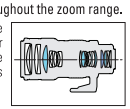
OLYMPUS : ZUIKO DIGITAL ED 35-100mm f2.0

Super ED lens | ED lens | Splash-/dust-proof

Max. dia. x Overall length = ϕ96.5mm x 213.5mm
Weight = 1,650g (w/o tripod adapter) Filter diameter = ϕ77mm

Excellent defocusing effect throughout the zoom range.

The large open depth of field value of this lens makes it ideal for shooting portraits and nature scenes, as well as for indoor sports that need high shutter speeds.



80-300mm (35mm equivalent)

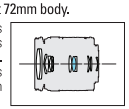
OLYMPUS : ZUIKO DIGITAL ED 40-150mm f4.0-5.6

ED lens

Max. dia. x Overall length = ϕ65.5mm x 72mm
Weight = 220g Filter diameter = ϕ58mm

300mm lens elements in a short 72mm body.

This telephoto zoom lens implements a 300mm equivalent telephoto lens in a barrel that measures just 72mm. The closest focusing distance is as short as 90cm throughout the zoom range.



SWD

100-400mm (35mm equivalent)

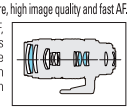
OLYMPUS : ZUIKO DIGITAL ED 50-200mm f2.8-3.5 SWD

ED lens | Supersonic Wave Drive (SWD) | Splash-/dust-proof

Max. dia. x Overall length = ϕ86.5mm x 157mm
Weight = 995g (w/o tripod adapter) Filter diameter = ϕ67mm

Super-telephoto zoom lens with large aperture, high image quality and fast AF.

With SWD technology for fast AF, this lens boasts an AF speed that is approx. twice as fast as the previous model. The minimum focusing distance is only 1.2m throughout the zoom range.



140-600mm (35mm equivalent)

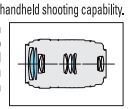
OLYMPUS : ZUIKO DIGITAL ED 70-300mm f4.0-5.6

ED lens

Max. dia. x Overall length = ϕ80mm x 127.5mm
Weight = 815g Filter diameter = ϕ58mm

Compact super-telephoto zoom lens with handheld shooting capability.

With high mobility, this 600mm (35mm equivalent) super-telephoto zoom lens is ideal for handheld shooting. A single lens allows you to experience the worlds of both super-telephoto and macro.



180-500mm (35mm equivalent)

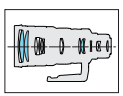
OLYMPUS : ZUIKO DIGITAL ED 90-250mm f2.8

ED lens | Splash-/dust-proof

Max. dia. x Overall length = ϕ124mm x 276mm
Weight = 3,270g (with tripod adapter) Filter diameter = ϕ105mm

Coverage up to 500mm.

An aperture of f2.8 throughout the zoom range provides uncompromised imaging performance that is particularly apparent in such demanding applications as nature photography or shooting indoor sports.



ZUIKO DIGITAL ED 35-100mm f2.0 : 1/500sec. f8.0

ZUIKO DIGITAL ED 50-200mm f2.8-3.5 SWD : 1/200sec. f5.0

FOUR THIRDS Macro Lenses

Close-up capable lenses that eliminate the need for specialized accessories. Macro photography will open your eyes to an amazing new world, letting you capture sights often hidden from ordinary view.

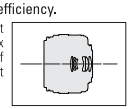
70mm (35mm equivalent)

OLYMPUS : ZUIKO DIGITAL 35mm f3.5 Macro

Max. dia. x Overall length = ϕ71mm x 53mm
Weight = 165g Filter diameter = ϕ52mm

Universal lens with high cost efficiency.

At only 165g, this ultra-lightweight macro lens is capable of 1x magnification (equivalent to 2x of 35mm film camera lenses) without the help of any attachments.



100mm (35mm equivalent)

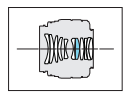
OLYMPUS : ZUIKO DIGITAL ED 50mm f2.0 Macro

ED lens | Splash-/dust-proof

Max. dia. x Overall length = ϕ71mm x 61.5mm
Weight = 300g Filter diameter = ϕ52mm

Medium-telephoto macro lens with excellent resolution and contrast.

This lens uses an ED lens element to eliminate chromatic aberrations. It is conveniently suitable for both macro shooting and portrait photography.



300mm (35mm equivalent)

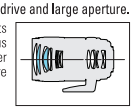
SIGMA : APO MACRO 150mm f2.8 EX DG HSM

SLD glass | Hyper-Sonic Motor drive (HSM) AF

Max. dia. x Overall length = ϕ79.6mm x 142.4mm
Weight = 920g Filter diameter = ϕ72mm

Telephoto macro lens with HSM drive and large aperture.

This lens uses SLD lens elements to effectively correct various aberrations, while the super multi-layer coating reduces flare and ghosts in the image.



APO MACRO 150mm f2.8 EX DG HSM : 1/400sec. f4.0

30mm f1.4 EX DC HSM : 1/500sec. f16.0

FOUR THIRDS Single Focal Length Lenses

These lenses exploit the unique characteristics and possibilities of a single focal length — a dedication that can bring extraordinary results. From the fisheye lens that dramatically reshapes your consciousness of space to the super-telephoto that boldly goes where ordinary lenses cannot, single focal length lenses are the foundation of exceptional photography.

16mm (35mm equivalent) : Diagonal fisheye lens

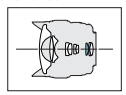
OLYMPUS : ZUIKO DIGITAL ED 8mm f3.5 Fisheye

ED lens | Splash-/dust-proof

Max. dia. x Overall length = φ79mm x 77mm
Weight = 485g Filter diameter = -

Fisheye lens featuring a deformation effect.

This high-performance fisheye lens has a diagonal angle of view of 180°, enabling ultra close-up photography from as close as 2cm from the lens front, delivering exaggerated perspectives and a deformation effect.



50mm (35mm equivalent) : Standard lens

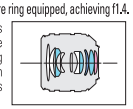
Panasonic : LEICA D SUMMILUX 25mm f1.4 ASPH.

Super ED lens | ED lens | Aspherical lens

Max. dia. x Overall length = φ77.7mm x 75mm
Weight = 510g Filter diameter = φ62mm

Large-aperture standard lens with aperture ring equipped, achieving f1.4.

This lens, which features 10 lens elements in 9 groups, including one aspherical lens, combines outstanding f1.4 brightness at maximum aperture with exceptional imaging performance thanks to high resolution and high contrast.



50mm (35mm equivalent) : Standard lens

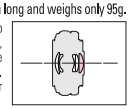
OLYMPUS : ZUIKO DIGITAL 25mm f2.8

Aspherical lens

Max. dia. x Overall length = φ64mm x 23.5mm
Weight = 95g Filter diameter = φ43mm

Pancake-type lens that's just 23.5mm long and weighs only 95g.

This pancake-type lens combines crisp imaging performance with a compact, lightweight design that exploits all the advantages of the Four Thirds System. In addition, it employs a circular aperture diaphragm.



60mm (35mm equivalent) : Standard lens

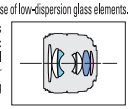
SIGMA : 30mm f1.4 EX DC HSM

ELD glass | SLD glass | Aspherical lens | Hyper-Sonic Motor drive (HSM) AF

Max. dia. x Overall length = φ76.6mm x 64.1mm
Weight = 410g Filter diameter = φ62mm

Large f1.4 aperture possible due to the effective use of low-dispersion glass elements.

SLD and ELD glass lens elements eliminate transverse chromatic aberration, while an aspherical lens element corrects various other aberrations and ensures sharp imaging performance across the zoom range.



100mm (35mm equivalent) : Standard lens

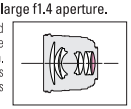
SIGMA : 50mm f1.4 EX DG HSM

Aspherical lens | Hyper-Sonic Motor drive (HSM) AF

Max. dia. x Overall length = φ84.5mm x 73.7mm
Weight = 530g Filter diameter = φ77mm

Medium-telephoto lens with a large f1.4 aperture.

The optimum optical design and molded glass aspherical lens element provide excellent correction of chroma aberration. It ensures superior peripheral brightness and provides sharp, high-contrast images even at the maximum aperture.



300mm (35mm equivalent) : Telephoto lens

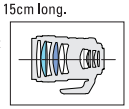
OLYMPUS : ZUIKO DIGITAL ED 150mm f2.0

Super ED lens | ED lens | Splash-/dust-proof

Max. dia. x Overall length = φ100mm x 150mm
Weight = 1,465g (w/o tripod adapter) Filter diameter = φ82mm

300mm in a compact lens just 15cm long.

One Super ED and one ED lens element provide almost perfect compensation to minimize the axial chromatic aberration common with telephoto-type lenses.



600mm (35mm equivalent) : Super-telephoto lens

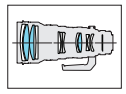
OLYMPUS : ZUIKO DIGITAL ED 300mm f2.8

ED lens | Splash-/dust-proof | Built-to-order manufacturing

Max. dia. x Overall length = φ127mm x 285mm.
Weight = 3,290g (with tripod adapter) Drop-in filter diameter = φ43mm

Experience a whole new dimension of brightness and picture quality.

Available only on a made-to-order basis, this superb, carefully crafted large-aperture, super-telephoto lens delivers imaging performance that simply outclasses anything you've ever seen. Three ED lens elements eliminate chromatic aberration to the limit.



ACCESSORIES

Expand your creativity and range of expression with these valuable tools.

For MICRO FOUR THIRDS

OLYMPUS : Four Thirds Adapter MMF-1

Mount adapter (for Four Thirds lenses)

Mount adapter for use in mounting a Four Thirds lens on the Micro Four Thirds lens mount.

Panasonic : DMW-MA1

Mount adapter (for Four Thirds lenses)

Mount adapter for use in mounting a Four Thirds lens on the Micro Four Thirds lens mount.

Panasonic : DMW-MA2M

Mount Adapter (for Leica lenses)

Mount adapter for use in mounting an M-mount lens of Leica Camera AG on the Micro Four Thirds lens mount.

Voigtländer : VM Micro Four Thirds Adapter(COSINA)

Mount Adapter (for Voigtländer and Carl Zeiss lenses)

Mount adapter for use in mounting a Voigtländer VM-mount lens, Carl Zeiss ZM-mount lens or Voigtländer L-mount lens (in combination with an optional M-Bayonet Adapter Ring) on the Micro Four Thirds lens mount.

Voigtländer : K Micro Four Thirds Adapter (COSINA)

Mount Adapter (for Voigtländer and Carl Zeiss lenses)

Mount adapter for use in mounting a Voigtländer PK-A/R-mount lens, KA-mount lens or Carl Zeiss ZK-mount lens on the Micro Four Thirds lens mount.

OLYMPUS : Four Thirds Adapter MMF-2

Mount adapter (for Four Thirds lenses)

Mount adapter for use in mounting a Four Thirds lens on the Micro Four Thirds lens mount.

OLYMPUS : OM Adapter MF-2

Mount adapter (for Olympus OM system lenses)

Mount adapter for use in mounting an Olympus OM system lens on the Micro Four Thirds lens mount.

* The OM system lenses that can be combined with this OM adapter are limited. Please also note that the manufacture of the OM system lenses has been discontinued. For details, please visit the website of Olympus Imaging Corp.

Panasonic : DMW-MA3R

Mount Adapter (for Leica lenses)

Mount adapter for use in mounting an R-mount lens of Leica Camera AG on the Micro Four Thirds lens mount.

Voigtländer : F Micro Four Thirds Adapter (COSINA)

Mount Adapter (for Voigtländer and Carl Zeiss lenses)

Mount adapter for use in mounting a Voigtländer Ai-S-mount lens or Carl Zeiss ZF and ZF.2-mount lens on the Micro Four Thirds lens mount.

For FOUR THIRDS

OLYMPUS : ZUIKO DIGITAL 2x Teleconverter EC-20

Teleconverter Splash-/dust-proof

Doubles the focal length of the master lens.

* The effective F-number of attached lens drops by 2 steps.
* For restrictions on AF/MF modes, see specifications on page 22.
* Before using the EC-20, be sure to update the camera firmware to the latest version to assure optimum focusing accuracy. For details, visit the website of the product manufacturer.

OLYMPUS : ZUIKO DIGITAL 1.4x Teleconverter EC-14

Teleconverter Splash-/dust-proof

Extends the focal length of the master lens by 1.4x.

* The effective F-number of attached lens drops by 1 step.
* For restrictions on AF/MF modes, see specifications on page 22.
* Before using the EC-20, be sure to update the camera firmware to the latest version to assure optimum focusing accuracy. For details, visit the website of the product manufacturer.

OLYMPUS : Extension Tube EX-25

Extension Tube Splash-/dust-proof

This is an intermediate ring that enables close-up photography when mounted between the camera body and interchangeable lens.

* Manual focusing is recommended.
* The photographing magnification is variable depending on the master lens.
* For details on the lens combination, visit the website of the product manufacturer.

OLYMPUS : OM Adapter MF-1

Mount adapter (for Olympus OM system lenses)

Mount adapter for use in mounting an Olympus OM system lens on the Four Thirds lens mount.

* The OM system lenses that can be combined with this OM adapter are limited. Please also note that the manufacture of the OM system lenses has been discontinued. For details, please visit the website of Olympus Imaging Corp.

Other Accessories

Lens Cap

LR-1	LC-82
LR-2	LC-87
LC-37	LC-140
LC-40.5	LCR-FT
LC-43B	LCFII-55
LC-52B	LCFII-58
LC-58C	LCFII-62
LC-62B	LCFII-72
LC-67B	LCFII-77
LC-72B	LCFII-86
LC-74	BC-1
LC-77	

Lens Hood

LH-43	LH-120
LH-55	LH-120B
LH-55B	LH580-03
LH-61C	LH595-01
LH-61D	LH630-02
LH-61E	LH680-01
LH-65	LH715-01
LH-70C	LH780-03
LH-70D	LH780-04
LH-75	LH825-03
LH-75B	LH825-04
LH-75C	LH829-01
LH-82	LH850-01
LH-82B	LH935-01
LH-89	LH1571-02

Lens Case

LSC-0710	LS-310
LSC-0814	LS-432
LSC-0816	LS-475
LSC-0918	LS-504
LSC-1022	LS-512
LSC-1122	LS-519
LSH-1220	LS-542
LSH-1326	LS-566
LSH-1738	LS-594
LS-300	LS-735

LENS TECHNOLOGY

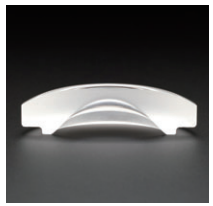
Technologies supporting the high image quality of Micro Four Thirds and Four Thirds System lenses.

The Micro Four Thirds and Four Thirds lenses successfully combine high image quality performance with excellent telecentricity and compact design through the fusion of the latest lens design/fabrication technology with the highly accurate polishing/assembly technique of a large number of Meister class engineers.

Aspherical lens elements

While an ordinary lens element utilizes part of the spherical surface, the aspherical lens element utilizes part of a surface that is curved but not spherical. This allows a single lens element to correct effectively the aberrations that are often hard to correct with spherical lens elements.

Double-side aspherical lens elements with uneven thickness



A double-side aspherical lens with a large difference in thickness between the center and periphery is called a DSA (Dual Super Aspherical) lens (Olympus). Because this lens can simultaneously offer both excellent refractivity and aberration correction — what would previously have required a number of different lens elements to achieve, the lens size can be reduced. The reduced number of lens elements also helps improve image clarity, as well as preventing ghosts and flares.

High-refractivity lens elements

A lens element made of optical glass with high refractivity is called an HR lens (Olympus). This lens is excellent at correcting spherical aberrations and allows the lens size to be reduced without degrading imaging performance.

A low-dispersion, high-refractivity lens with an improved chromatic aberration correction capability is called an E-HR lens (Olympus).

Low dispersion lens elements

Compared to an ordinary optical glass lens, the low dispersion lens (called ED lens by Olympus/Panasonic, SLD glass by Sigma) features extremely small changes in refractivity in the wavelengths from blue to red. It can improve the imaging performance of lenses by reducing the chromatic aberration (a phenomenon caused by the dispersion of light produced by deviation of the focusing point due to color differences that causes fringing or contrast degradation).

A lens featuring improved optical characteristics over ED lens and SLD glass is called a Super ED lens (Olympus/Panasonic) or ELD glass (Sigma).

An ED lens with an aspherical surface(s) is called an ED glass molded aspherical lens (Olympus). These lenses offer many advantages such as correction of the chromatic aberration in magnified images noticeable with an ultra-wide-angle lens or on the wide-angle side of a zoom lens, as well as prevention of deterioration in sharpness and contrast due to axial chromatic aberration of a telephoto lens.

SPECIFICATIONS

	Lens	Manufacturer	35mm Equivalent Focal Length	Splash-/ Dust-Proof	Supersonic Motor AF	Image Stabilizer *	Lens Construction Elements – Groups	Angle of View	Number of Blades	Minimum Aperture	Closest Focusing Distance (m / in.)	Maximum Image Magnification (35mm equivalent)	Filter Size (mm)	Diameter (φ) xLength (mm / in.)	Weight (g / oz.)	Lens Rear Cap	Lens Front Cap	Lens Hood ( ): Optional	Lens Case ( ): Optional
Micro Four Thirds	LUMIX G VARIO 7-14mm f4.0 ASPH.	Panasonic	14-28mm	—	—	—	16 - 12	114°～75°	7(Circular aperture diaphragm)	22	0.25 / 9.84	0.08x (0.15x)	—	φ70×ca.83.1 / φ2.76×ca.3.27	300 / 10.58	—	—	—	—
	M. ZUIKO DIGITAL ED 9-18mm f4.0-5.6	OLYMPUS	18-36mm	—	—	—	12 - 8	100°～62°	7(Circular aperture diaphragm)	22	0.25 / 9.84	0.10x (0.20x)	52	φ56.5×49.5 / φ2.22×1.95	155 / 5.5	LR-2	LC-52C*1	(LH-55B)	(LSC-0814)
	M. ZUIKO DIGITAL ED 14-42mm f3.5-5.6	OLYMPUS	28-84mm	—	—	—	9 - 8	75°～29°	7(Circular aperture diaphragm)	22	0.25 / 9.84	0.24x (0.48x)	40.5	φ62×43.5 / φ2.44×1.71	150 / 5.3	LR-2	LC-40.5	—	(LSC-0710)
	LUMIX G VARIO 14-42mm f3.5-5.6 ASPH. MEGA O.I.S.	Panasonic	28-84mm	—	—	Yes	12 - 9	75°～29°	7(Circular aperture diaphragm)	22	0.3 / 11.81	0.16x (0.32x)	52	φ60.6×63.6 / φ2.39×2.50	165 / 5.82	—	—	—	—
	LUMIX G VARIO 14-45mm f3.5-5.6 ASPH. MEGA O.I.S.	Panasonic	28-90mm	—	—	Yes	12 - 9	75°～27°	7(Circular aperture diaphragm)	22	0.3 / 11.81	0.17x (0.34x)	52	φ60×ca.60 / φ2.36×ca.2.36	195 / 6.88	—	—	—	—
	LUMIX G VARIO HD 14-140mm f4.0-5.8 ASPH. MEGA O.I.S.	Panasonic	28-280mm	—	—	Yes	17 - 13	75°～8.8°	7(Circular aperture diaphragm)	22	0.5 / 19.7	0.2x (0.4x)	62	φ70×ca.84 / φ2.76×ca.3.31	460 / 16.2	—	—	—	—
	M. ZUIKO DIGITAL ED 14-150mm f4.0-5.6	OLYMPUS	28-300mm	—	—	—	15 - 11	75°～8.2°	7(Circular aperture diaphragm)	22	0.5 / 19.69	0.24x (0.48x)	58	φ63.5×83 / φ2.50×3.27	260 / 9.2	LR-2	LC-58E*2	(LH-61C)	(LSC-0814)
	M. ZUIKO DIGITAL ED 40-150mm f4.0-5.6	OLYMPUS	80-300mm	—	—	—	13 - 10	30°～8.2°	7(Circular aperture diaphragm)	22	0.9 / 35.43	0.16x (0.32x)	58	φ63.5×83 / φ2.50×3.27	190 / 6.7	LR-2	LC-58E*2	(LH-61D)	(LSC-0814)
	LUMIX G VARIO 45-200mm f4.0-5.6 MEGA O.I.S.	Panasonic	90-400mm	—	—	Yes	16 - 13	27°～6.2°	7(Circular aperture diaphragm)	22	1.0 / 39.4	0.19x (0.38x)	52	φ70×ca.100 / φ2.76×ca.3.94	380 / 13.4	—	—	—	—
	M. ZUIKO DIGITAL ED 75-300mm f4.8-6.7	OLYMPUS	150-600mm	—	—	—	18 - 13	16°～4.1°	7(Circular aperture diaphragm)	22	0.9 / 35.43 (Wide end) 1.5 / 59.06 (except Wide end)	0.18x (0.36x)	58	φ70×116 / φ2.76×4.57	430 / 15.2	LR-2	LC-58E*2	(LH-61E)	(LSC-0918)
	LUMIX G VARIO 100-300mm f4.0-5.6 MEGA O.I.S.	Panasonic	200-600mm	—	—	Yes	17 - 12	12°～4.1°	7(Circular aperture diaphragm)	22	1.5 / 59.06	0.21x (0.42x)	67	φ73.6×126 / φ2.90×4.96	520 / 18.3	—	—	—	—
	LEICA DG MACRO-ELMARIT 45mm f2.8 ASPH. MEGA O.I.S.	Panasonic	90mm	—	—	Yes	14 - 10	27°	7(Circular aperture diaphragm)	22	0.5 (AF), 0.31 (MF)	1.0x (2.0x)	46	φ63×ca.62.5 / φ2.48×ca.2.46	225 / 7.94	—	—	—	—
	LUMIX G FISHEYE 8mm f3.5	Panasonic	16mm	—	—	—	10 - 9	180°	7(Circular aperture diaphragm)	22	0.1 / 3.96	0.2x (0.4x)	22×22	φ60.7×ca.51.7 / φ2.39×ca.2.04	165 / 5.82	—	—	—	—
	LUMIX G 14mm f2.5 ASPH.	Panasonic	28mm	—	—	—	6 - 5	75°	7(Circular aperture diaphragm)	22	0.18 / 7.09	0.1x (0.2x)	46	φ55.5×20.5 / φ2.19×0.81	55 / 1.9	—	—	—	—
	M. ZUIKO DIGITAL 17mm f2.8	OLYMPUS	34mm	—	—	—	6 - 4	65°	5(Circular aperture diaphragm)	16	0.2 / 7.87	0.11x (0.22x)	37	φ57×22 / φ2.24×0.87	71 / 2.5	LR-2	LC-37	—	(LSC-0710)
	LUMIX G 20mm f1.7 ASPH.	Panasonic	40mm	—	—	—	7 - 5	57°	7(Circular aperture diaphragm)	22	0.2 / 7.87	0.13x (0.25x)	46	φ63×ca.25.5 / φ2.48×ca.1.00	100 / 3.53	—	—	—	—
	LUMIX G 12.5mm f12	Panasonic	65mm*3	—	—	—	4 - 3 × 2	37° *3	Fixed diaphragm	—	0.6 / 23.62	0.02x (0.1x*3)	—	φ57×20.5 / φ2.24×0.81	45 / 1.59	—	—	—	—
Adapter	Four Thirds Adapter MMF-1	OLYMPUS	—	—	—	—	—	—	—	—	—	—	—	φ65×24 / φ2.6×0.8	87 / 3.0	LR-2	BC-1	—	—
	Four Thirds Adapter MMF-2	OLYMPUS	—	—	—	—	—	—	—	—	—	—	—	φ65×24 / φ2.6×0.8	41 / 1.4	LR-2	BC-1	—	—
	Four Thirds Adapter DMW-MA1	Panasonic	—	—	—	—	—	—	—	—	—	—	—	φ71×24 / φ2.80×0.94	87 / 3.1	—	—	—	—
	OM Adapter MF-2	OLYMPUS	—	—	—	—	—	—	—	—	—	—	—	φ62×26.5 / φ2.40×1.00	78 / 2.8	—	—	—	—
	Leica Camera M-Mount Adapter DMW-MA2M	Panasonic	—	—	—	—	—	—	—	—	—	—	—	φ61×13 / φ2.40×0.51	60 / 2.1	—	—	—	—
	Leica Camera R-Mount Adapter DMW-MA3R	Panasonic	—	—	—	—	—	—	—	—	—	—	—	φ67×33 / φ2.64×1.3	90 / 3.2	—	—	—	—
	Voigtländer VM Micro Four Thirds Adapter	COSINA	—	—	—	—	—	—	—	—	—	—	—	φ56×13 / φ2.20×0.51	45 / 1.6	—	—	—	—
	Voigtländer F Micro Four Thirds Adapter	COSINA	—	—	—	—	—	—	—	—	—	—	—	φ60×32 / φ2.36×1.26	88 / 3.1	—	—	—	—
	Voigtländer K Micro Four Thirds Adapter	COSINA	—	—	—	—	—	—	—	—	—	—	—	φ63×31 / φ2.48×1.22	96 / 3.4	—	—	—	—

* Since the image stabilizers of Olympus products are built into the camera bodies, image stabilization is available with any lens. (Corresponding models : OLYMPUS PEN series)
• The products for the Four Thirds System such as the EC-14/EC-20 and EX-25 cannot be attached.

	Lens	Manufacturer	35mm Equivalent Focal Length	Splash-/ Dust-Proof	Supersonic Motor AF	Image Stabilizer *	Lens Construction Elements – Groups	Angle of View	Number of Blades	Minimum Aperture	Closest Focusing Distance (m / in.)	Maximum Image Magnification (35mm equivalent)	Filter Size (mm)	Diameter (φ) xLength (mm / in.)	Weight (g / oz.)	Lens Rear Cap	Lens Front Cap	Lens Hood ( ): Optional	Lens Case ( ): Optional	Compatibility			Compatibility		
																				EC-20	EC-14	EX-25	DMW-MA1	MMF-1	MMF-2
Wide Zoom	ZUIKO DIGITAL ED 7-14mm f4.0	OLYMPUS	14-28mm	Yes	—	—	18 - 12	114°～75°	7(Circular aperture diaphragm)	22	0.25 / 9.84	0.11x (0.22x)	—	φ86.5×119.5 / φ3.41×4.70	780 / 27.5	LR-1	LC-87	(Built-in)	LSC-1022	Yes*6	Yes	—	Yes*8	Yes*11	Yes*11
	ZUIKO DIGITAL ED 9-18mm f4.0-5.6	OLYMPUS	18-36mm	—	—	—	13 - 9	100°～62°	7(Circular aperture diaphragm)	22	0.25 / 9.84	0.12x (0.24x)	72	φ79.5×73 / φ3.13×2.87	275 / 9.7	LR-1	LC-72B	LH-75C	(LSC-0918)	Yes*6	Yes*6	—	Yes*8	Yes	Yes
	10-20mm f4-5.6 EX DC HSM	SIGMA	20-40mm	—	Yes	—	14 - 10	94.5°～56.8°	6	22	0.24 / 9.45	0.15x (0.3x)	77	φ83.5×86.4 / φ3.29×3.40	495 / 17.5	LCR-FT	LCFII-77	LH825-04	LS-432	—	—	—	Yes*8	Yes*11	Yes*11
	ZUIKO DIGITAL 11-22mm f2.8-3.5	OLYMPUS	22-44mm	Yes	—	—	12 - 10	89°～53°	7	22	0.28 / 11.02	0.13x (0.26x)	72	φ75×92.5 / φ2.95×3.64	485 / 17.1	LR-1	LC-72B	LH-75	LSC-0918	Yes*7	Yes	—	Yes*8	Yes*11	Yes*11*0
Standard Zoom	ZUIKO DIGITAL ED 12-60mm f2.8-4.0 SWD	OLYMPUS	24-120mm	Yes	Yes	—	14 - 10	84°～20°	7(Circular aperture diaphragm)	22	0.25 / 9.84	0.28x (0.56x)	72	φ79.5×98.5 / φ3.13×3.88	575 / 20.3	LR-1	LC-72B	LH-75B	LSC-0918	Yes*6	Yes	Yes*6	Yes*8	Yes*11	Yes*11
	ZUIKO DIGITAL ED 14-35mm f2.0 SWD	OLYMPUS	28-70mm	Yes	Yes	—	18 - 17	75°～34°	9(Circular aperture diaphragm)	22	0.35 / 13.78	0.12x (0.24x)	77	φ86×123 / φ3.39×4.84	900 / 31.7	LR-1	LC-77	LH-82B	LSC-1122	Yes	Yes	—	Yes*8	Yes*11	Yes*11
	ZUIKO DIGITAL ED 14-42mm f3.5-5.6	OLYMPUS	28-84mm	—	—	—	10 - 8	75°～29°	7(Circular aperture diaphragm)	22	0.25 / 9.84	0.19x (0.38x)	58	φ65.5×61 / φ2.58×2.40	190 / 6.7	LR-1	LC-58C	LH-61C	(LSC-0814)	Yes*6	Yes*6	Yes*6	Yes*8*9	Yes*12	Yes*12
	LEICA D VARIO-ELMARIT 14-50mm f2.8-3.5 ASPH. MEGA O.I.S.	Panasonic	28-100mm	—	—	Yes	16 - 12	75°～24°	7	22	0.29 / 11.42	0.16x (0.32x)	72	φ78.1×97.4 / φ3.83×1.22	490 / 17.3	VFC4185	VYF3089	VYC0949	VFC4206	Yes*6	Yes	—	Yes*8	Yes*11	Yes*11
	LEICA D VARIO-ELMAR 14-50mm f3.8-5.6 ASPH. MEGA O.I.S.	Panasonic	28-100mm	—	—	Yes	15 - 11	75°～24°	7	22	0.29 / 11.42	0.21x (0.42x)	67	φ74×93 / φ2.91×3.66	434 / 15.3	VFC4185	VYF3160	VYC0972	VFC4206	Yes*6	Yes*6	—	Yes	Yes	Yes
	ZUIKO DIGITAL 14-54mm f2.8-3.5 II	OLYMPUS	28-108mm	Yes	—	—	15 - 11	75°～23°	7(Circular aperture diaphragm)	22	0.22 / 8.66	0.26x (0.52x)	67	φ74.5×88.5 / φ2.89×3.48	440 / 15.5	LR-1	LC-67B	LH-70D	LSC-0918	Yes*7	Yes	Yes*6	Yes*8	Yes	Yes
	LEICA D VARIO-ELMAR 14-150mm f3.5-5.6 ASPH. MEGA O.I.S.	Panasonic	28-300mm	—	Yes	Yes	15 - 11	75°～8.2°	7	22	0.5 / 19.69	0.18x (0.36x)	72	φ78.5×90.4 / φ3.09×3.56	535 / 18.9	VFC4185	VYF3089	VYC0975	VFC4296	Yes*6	Yes*6	—	Yes	Yes	Yes
	ZUIKO DIGITAL ED 18-180mm f3.5-6.3	OLYMPUS	36-360mm	—	—	—	15 - 13	62°～6.9°	7	22	0.45 / 17.72	0.23x (0.46x)	62	φ78×84.5 / φ3.07×3.33	435 / 15.3	LR-1	LC-62B	LH-65	(LSC-0816)	Yes*6	Yes*6	Yes*6	Yes*8	Yes*11	Yes*11
Telephoto Zoom	ZUIKO DIGITAL ED 35-100mm f2.0	OLYMPUS	70-200mm	Yes	—	—	21 - 18	34°～12°	9(Circular aperture diaphragm)	22	1.4 / 55.12	0.09x (0.18x)	77	φ96.5×213.5 / φ3.80×8.41	1,650 / 58.2 *5	LR-1	LC-77	LH-82	LSH-1326	Yes	Yes	Yes*6	Yes*8*10	Yes*11	Yes*11
	ZUIKO DIGITAL ED 40-150mm f4.0-5.6	OLYMPUS	80-300mm	—	—	—	12 - 9	30°～8.2°	7(Circular aperture diaphragm)	22	0.9 / 35.43	0.14x (0.28x)	58	φ65.5×72 / φ2.58×2.83	220 / 7.8	LR-1	LC-58C	LH-61D	(LSC-0814)	Yes*6	Yes*6	Yes*6	Yes*8*9	Yes*12	Yes*12
	ZUIKO DIGITAL ED 50-200mm f2.8-3.5 SWD	OLYMPUS	100-400mm	Yes	Yes	—	16 - 15	24°～6.2°	9(Circular aperture diaphragm)	22	1.2 / 47.24	0.21x (0.42x)	67	φ86.5×157 / φ3.41×6.18	995 / 32.5 *5	LR-1	LC-67B	LH-70C	LSH-1220	Yes*7	Yes	Yes*6	Yes*8	Yes*11	Yes*11
	ZUIKO DIGITAL ED 70-300mm f4.0-5.6	OLYMPUS	140-600mm	—	—	—	14 - 10	18°～4.1°	9(Circular aperture diaphragm)	22	0.98 (MF) 1.24 (AF)	0.50x (1.00x)	58	φ80×127.5 / φ3.15×5.02	615 / 21.7	LR-1	LC-58C	LH-61E	(LSC-1022)	Yes*6	Yes*6	Yes*6	Yes*8*9	Yes*12	Yes*12
	ZUIKO DIGITAL ED 90-250mm f2.8	OLYMPUS	180-500mm	Yes	—	—	17 - 12	14°～5.0°	9(Circular aperture diaphragm)	22	2.5 / 98.43	0.08x (0.16x)	105	φ124×276 / φ4.88×10.87	3,270 / 115.3	LR-1	LC-140	LH-120B	LSH-1738	Yes	Yes	Yes*6	Yes*8	Yes*11	Yes*11
Macro	ZUIKO DIGITAL 35mm f3.5 Macro	OLYMPUS	70mm	—	—	—	6 - 6	34°	7(Circular aperture diaphragm)	22	0.146 / 5.75	1.00x (2.00x)	52	φ71×53 / φ2.80×2.09	165 / 5.8	LR-1	LC-52B	—	(LSC-0814)	Yes*6	Yes	Yes*6	Yes*8*10	Yes*11	Yes*11
	ZUIKO DIGITAL ED 50mm f2.0 Macro	OLYMPUS	100mm	Yes	—	—	11 - 10	24°	7	22	0.24 / 9.45	0.52x (1.04x)	52	φ71×61.5 / φ2.80×2.42	300 / 10.6	LR-1	LC-52B	LH-55	LSC-0814	Yes	Yes	Yes	Yes*8	Yes*11	Yes*11
	APO MACRO 150mm f2.8 EX DG HSM	SIGMA	300mm	—	Yes	—	16 - 12	8.2°	9	22	0.38 / 14.96	1.00x (2.00x)	72	φ79.6×142.4 / φ3.13×5.61	920 / 32.5	LCR-FT	LCFII-72	LH780-03	LS-512	Yes*5	Yes	Yes*5	Yes*8	Yes*11	Yes*11
Single Focal Length	ZUIKO DIGITAL ED 8mm f3.5 Fisheye	OLYMPUS	16mm	Yes	—	—	10 - 6	180°	7(Circular aperture diaphragm)	22	0.135 / 5.31	0.22x (0.44x)	—	φ79×77 / φ3.11×3.03	485 / 17.1	LR-1	LC-74	(Built-in)	LSC-0814	Yes*6	Yes	—	Yes*8	Yes*11	Yes*11
	LEICA D SUMMILUX 25mm f1.4 ASPH.	Panasonic	50mm	—	—	—	10 - 9	47°	7(Circular aperture diaphragm)	16	0.38 / 14.96	0.09x (0.17x)	62	φ77.7×75 / φ3.06×2.95	510 / 18.0	VFC4185	VYF3147	VYC0959	VFC4206	—	—	—	Yes*8*9	Yes*12	Yes*12
	ZUIKO DIGITAL 25mm f2.8	OLYMPUS	50mm	—	—	—	5 - 4	47°	7(Circular aperture diaphragm)	22	0.2 / 7.87	0.19x (0.38x)	43	φ64×23.5 / φ2.52×0.93	95 / 3.4	LR-1	LC-43B	(LH-43)	(LSC-0710)	Yes	Yes	Yes*6	Yes*8*9	Yes	Yes
	30mm f1.4 EX DC HSM	SIGMA	60mm	—	Yes	—	7 - 7	40°	8	16	0.4 / 15.15	0.1x (0.2x)	62	φ76.6×64.1 / φ3.02×2.52	410 / 14.5	LCR-FT	LCFII-62	LH715-01	LS-300	—	—	Yes*6	Yes*8	Yes*11	Yes*11
	50mm f1.4 EX DG HSM	SIGMA	100mm	—	Yes	—	8 - 6	24°	9(Circular aperture diaphragm)	16	0.45 / 17.72	0.14x (0.27x)	77	φ84.5×73.7 / φ3.33×2.90	530 / 18.7	LCR-FT	LCFII-77	LH829-01	LS-310	—	—	Yes*6	Yes*8	Yes*11	Yes*11
	ZUIKO DIGITAL ED 150mm f2.0	OLYMPUS	300mm	Yes	—	—	11 - 9	8.2°	9(Circular aperture diaphragm)	22	1.4 / 55.12	0.13x (0.26x)	82	φ100×150 / φ3.94×5.91	1,465 / 51.7 *5	LR-1	LC-82	LH-89	LSH-1220	Yes	Yes	Yes*6	Yes*8	Yes*11	Yes*11
	ZUIKO DIGITAL ED 300mm f2.8	OLYMPUS	600mm	Yes	—	—	13 - 11	4.1°	9	22	2.4 / 94.46	0.15x (0.30x)	4 types (Built-in 43*4)	φ127×285 / φ5.00×11.22	3,290 / 116.0	LR-1	LC-140	LH-120	LSH-1738	Yes	Yes	Yes*6	Yes*8	Yes*11	Yes*11
Teleconverter etc	ZUIKO DIGITAL 2x Teleconverter EC-20	OLYMPUS	—	Yes	—	—	7 - 5	—	—	—	—	—	—	φ68×41 / φ2.68×1.61	225 / 7.9	LR-1	BC-1	—	LSC-0814	—	—	—	—	—	—
	ZUIKO DIGITAL 1.4x Teleconverter EC-14	OLYMPUS	—	Yes	—	—	6 - 5	—	—	—	—	—	—	φ68×22 / φ2.68×0.87	170 / 6.0	LR-1	BC-1	—	LSC-0710	—	—	—	—	—	—
	Extension Tube EX-25	OLYMPUS	—	Yes	—	—	—	—	—	—	—	—	—	φ68×25 / φ2.68×0.98	150 / 5.3	LR-1	BC-1	—	LSC-0710	—	—	—	—	—	—
	OM Adapter MF-1	OLYMPUS	—	—	—	—	—	—	—	—	—	—	—	φ62×7.5 / φ2.44×0.30	50 / 1.8	—	—	—	—	—	—	—	—	—	—

* Since the image stabilizers of Olympus products are built into the camera bodies, image stabilization is available with any lens. (Corresponding models : E-5, E-3, E-30, E-620, E-520, E-510, OLYMPUS PEN series)

• The compression level of product photographs shown in this catalog varies. Check the above tables for actual sizes.

*1: When purchasing the lens cap as an independent product, purchase the LC-52B, which is compatible with the product provided in the package (LC-52C). *2: When purchasing the lens cap as an independent product, purchase the LC-58C, which is compatible with the product provided in the package (LC-58E). *3: When setting the aspect ratio at 16:9 with DMC-GH2 *4: Dedicated 43 mm drop-in filters (including clear, ND4, ND8 and circular polarizing filters). The front filter diameter is 112 mm. *5: Weight without the tripod adapter. *6: Only manual focusing is available.

*7: Autofocusing is only available at the center distance-measuring point of the viewfinder. *8: The vertical-hold detect function is not available with the DMC-G1, DMC-GF1 or DMC-GH1. *9: Autofocusing is available when the firmware is updated. *10: It is recommended to update the lens firmware to Ver. 1.2 or later. *11: Focusing may be difficult due to incompatibility with the High-Speed Imager AF. In this case, it is recommended to use the "S-AF + MF" mode shooting. *12: The latest-version firmware for the lens is compatible with the High-Speed Imager AF so focusing is easier. It is recommended to update the firmware to the latest version.