



MICRO FOUR THIRDS

Lenses Joint Catalog



<https://www.four-thirds.org/en>

Catalog contents as of February 2020



OLYMPUS	Panasonic	SIGMA	<i>Voigtlander</i>	Kenko Tokina	
TAMRON	KPI	ASTRO	KODAK	Blackmagicdesign	Photron
IBORG oasis studio	<i>Kowa</i>	JVCKENWOOD	dji	FLOVEL	BIRGER engineering
nac IMAGE TECHNOLOGY	Q technology	DZOFILM	SHARP	PowerVision	LAOWA



©Thomas Dworzak / Magnum Photos with support from the Pulitzer Center

Thomas Dworzak
TANZANIA, Arusha Region,
Namanga 2018/02
Maasai cattle market

It is a true pleasure for me to work with the Micro Four Thirds lens system. The compact, inconspicuous size, allows me to have the camera always ready under my jacket, in a pocket, in a pouch. Without any clunky bags, without being a visibly very equipped photographer. The fixed lens, it's low f stop, in combination with the very developed ISO of the camera allows me to photograph in many of the low light situations I often seek.

This elegance and lightness allows me to work as discreet as I like.

Thomas Dworzak

Photo Journalist / President of Magnum Photos **Thomas Dworzak**



Zoom Lenses - WIDE

Lenses covering wide-angle focal lengths of less than 12mm (24mm of 35mm equivalent).



14-28mm (35mm equivalent)

OLYMPUS : M.ZUIKO DIGITAL ED 7-14mm F2.8 PRO

ED Lens, Coated Lens, Aspherical Lens, Nano Surface Coating, Splash- & dust-proof

Max. dia. x Length = $\Phi 78.9\text{mm} \times 105.8\text{mm}$

Weight = 534g

Ultra-wide-angle zoom boasting maximum portability, brightness and optical performance

An ultra-wide-angle zoom lens featuring high mobility and excellent optical performance. With an F2.8 aperture at all focal lengths, this lens is perfect for capturing nightscapes and starry skies.



14-28mm (35mm equivalent)

Panasonic : LUMIX G VARIO 7-14mm F4.0 ASPH.

ED Lens, Aspherical Lens

Max. dia. x Length = $\Phi 70\text{mm} \times \text{ca.} 83.1\text{mm}$

Weight = ca.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°.



16-36mm (35mm equivalent)

Panasonic : LEICA DG VARIO-ELMARIT 8-18mm F2.8-4.0 ASPH.

ED Lens, Aspherical Lens, Nano Surface Coating, Splash- & dust-proof

Max. dia. x Length = $\Phi 73.4\text{mm} \times \text{ca.} 86\text{mm}$

Weight = ca.315g, Filter diameter = $\Phi 67\text{mm}$

Excellent imaging with dynamic perspectives and being-there feeling

Ultrawide-angle zoom lens built to meet the rigorous optical standards of Leica, featuring high performance, high quality with a large maximum aperture of F2.8. Supports 4K movie recording.



18-36mm (35mm equivalent)

OLYMPUS : M.ZUIKO DIGITAL ED 9-18mm F4.0-5.6

ED Lens, Coated Lens, Aspherical Lens, Nano Surface Coating, Splash- & dust-proof

Max. dia. x Length = $\Phi 66.5\text{mm} \times 49.5\text{mm}$ (when retracted)

Weight = 155g, Filter diameter = $\Phi 62\text{mm}$

Ultra-wide-angle zoom with a wide angle of view

This ultra-wide-angle zoom lens sets a new standard in compact design. Ideal for snapshots and landscape photography.



20-50mm (35mm equivalent)

Panasonic : LEICA DG VARIO-SUMMILUX 10-25mm F1.7 ASPH.

ED Lens, Aspherical Lens, Splash- & dust-proof

Max. dia. x Length = $\Phi 87.6\text{mm} \times \text{ca.} 129\text{mm}$

Weight = ca.690g, Filter diameter = $\Phi 77\text{mm}$

New-gen large-aperture zoom boasting world's first* F1.7 brightness

Brightness of F1.7 throughout the zooming range means that a single lens can deal with very low light. Capable of impressive expressions taking advantage of the background with both still images and movies.



* As of August 22, 2019. Among lens interchangeable digital cameras.

LEICA DG VARIO-ELMARIT 8-18mm F2.8-4.0 ASPH. : 15sec, F6.3 ISO200



©Ken Duncan

LEICA DG VARIO-SUMMILUX 10-25mm F1.7 ASPH. : 1/640sec, F1.7 ISO200



Zoom Lenses - STANDARD

Lenses covering focal lengths from semi-wide-angle between 12mm and 18mm (between 24mm and 36mm of 35mm equivalent) to telephoto.



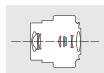
24-64mm (35mm equivalent)
**Panasonic : LUMIX G VARIO
12-32mm F3.5-5.6 ASPH. MEGA O.I.S.**

ED lens Aspherical lens Optical Image Stabilizer (inside lens)

Max. dia. x Length = $\Phi 55.5\text{mm} \times \text{ca.} 24\text{mm}$ (when retracted)
Weight = ca. 70g Filter diameter = $\Phi 37\text{mm}$

Compact standard zoom lens with 24mm (35mm equivalent) wide angle capability

A compact, lightweight lens ideal for use in many different shooting situations, from taking everyday snapshots to shooting a group photo in a small room or capturing scenic landscape while traveling.



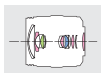
24-70mm (35mm equivalent)
**Panasonic : LUMIX G X VARIO
12-35mm F2.8 II ASPH. POWER O.I.S.**

ED lens Aspherical lens Nano Surface Coating Optical Image Stabilizer (inside lens) Splash-dust-proof

Max. dia. x Length = $\Phi 67.6\text{mm} \times \text{ca.} 73.8\text{mm}$
Weight = ca. 305g Filter diameter = $\Phi 58\text{mm}$

Standard zoom with bright F2.8 aperture throughout the zooming range

Dustproof, splashproof and incredibly portable, this go-anywhere compact lens boasts a large F2.8 aperture throughout the zooming range, making it ideal for everything from snapshots to landscapes. High resolution optics and powerful Dual I.S. 2 image stabilization ensure crisp, clear images.



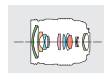
24-80mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 12-40mm F2.8 PRO**

ED lens ASPH. lens Aspherical lens ZERO Coating MSC Splash-dust-proof

Max. dia. x Length = $\Phi 69.5\text{mm} \times 84\text{mm}$
Weight = 362g Filter diameter = $\Phi 62\text{mm}$

Dustproof/Splashproof with bright F2.8 throughout the zoom range

With a fixed F2.8 aperture throughout the zoom range, this compact, lightweight, dustproof and splashproof zoom lens meets the requirements of professional photographers.



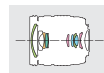
24-90mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 12-45mm F4.0 PRO**

ASPH. lens Super FFL lens ED lens Aspherical lens ZERO Coating MSC Splash-dust-proof

Max. dia. x Length = $\Phi 63.4\text{mm} \times 70\text{mm}$
Weight = 254g Filter diameter = $\Phi 58\text{mm}$

High-performance standard zoom with an ultra-compact, lightweight profile

Advanced optical technology developed by Olympus has made it possible to offer both compact size/lightweight and high image quality within the lens. Exhibits high resolution at all focal lengths from 24 to 90mm (35mm equivalent).



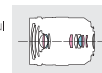
24-120mm (35mm equivalent)
**Panasonic : LEICA DG VARIO-ELMARIT
12-60mm F2.8-4.0 ASPH. POWER O.I.S.**

ED lens Aspherical lens Nano Surface Coating Optical Image Stabilizer (inside lens) Splash-dust-proof

Max. dia. x Length = $\Phi 66.4\text{mm} \times \text{ca.} 86\text{mm}$
Weight = ca. 320g Filter diameter = $\Phi 62\text{mm}$

LEICA DG standard zoom with excellent imaging throughout the zooming range

Experience the legendary power of Leica with this impressive 5X optical zoom lens. Beautiful defocusing effects in a wide range of focal lengths make this lens an excellent choice for artistic photography. Capture spectacular landscapes or create stunning portraits.



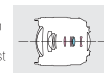
24-120mm (35mm equivalent)
**Panasonic : LUMIX G VARIO
12-60mm F3.5-5.6 ASPH. POWER O.I.S.**

ED lens Aspherical lens Optical Image Stabilizer (inside lens) Splash-dust-proof

Max. dia. x Length = $\Phi 66\text{mm} \times \text{ca.} 71\text{mm}$
Weight = ca. 210g Filter diameter = $\Phi 58\text{mm}$

Dustproof/Splashproof standard 5X zoom lens

With an extended focal length range starting at wide angle of 24mm (35mm equivalent), this dustproof/splashproof 5X zoom lens is the ideal choice for just about any shooting situation.



M.ZUIKO DIGITAL ED 12-40mm F2.8 PRO : 1/1500sec, F8.0



LEICA DG VARIO-ELMARIT 12-60mm F2.8-4.0 ASPH. POWER O.I.S. : 1/250sec, F4.0 ISO1600





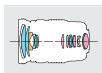
24-200mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 12-100mm F4.0 IS PRO**

[SDI lens](#) [Aspherical lens](#) [Nano Surface Coating](#) [ASC](#) [Optical Image Stabilizer \(inside lens\)](#) [Splash-dust-proof](#)

Max. dia. x Length = $\Phi 72.5\text{mm} \times 116.5\text{mm}$
Weight = 561g Filter diameter = $\Phi 72\text{mm}$

Pro-quality high-magnification zoom lens

With its high image quality, high magnification and compact size, this lens is a perfect fit for professional photographers. Features compatibility with Olympus 5-axis Sync IS enabled cameras.



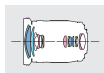
24-400mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 12-200mm F3.5-6.3**

[Super Hi-Lens](#) [Hi-Lens](#) [Aspherical lens](#) [ASC](#) [Electronic zoom](#)

Max. dia. x Length = $\Phi 77.5\text{mm} \times 99.7\text{mm}$
Weight = 455g Filter diameter = $\Phi 72\text{mm}$

Featuring the large 16.6x zoom ratio, ideal for travel photos

Thanks to advanced optical design, this high-magnification zoom lens provides outstanding imaging performance across the focal range from wide-angle to telephoto. Size and weight have been dramatically reduced for maximum portability.



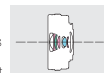
28-84mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 14-42mm F3.5-5.6 EZ**

[Super Hi-Lens](#) [Hi-Lens](#) [Aspherical lens](#) [ASC](#) [Electronic zoom](#)

Max. dia. x Length = $\Phi 60.6\text{mm} \times 22.5\text{mm}$ (when retracted)
Weight = 83g Filter diameter = $\Phi 37\text{mm}$

Motorized pancake zoom

Incorporating a motorized zoom mechanism in a slim profile that's just 22.5mm thick, this standard zoom lens offers high operability, while ensuring uniform, sharp image quality throughout the image plane.



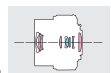
28-84mm (35mm equivalent)
**Panasonic : LUMIX G X VARIO PZ
14-42mm F3.5-5.6 ASPH. POWER O.I.S.**

[Hi-Lens](#) [Aspherical lens](#) [Nano Surface Coating](#) [Optical Image Stabilizer \(inside lens\)](#) [Motorized zoom](#)

Max. dia. x Length = $\Phi 61.0\text{mm} \times \text{ca.} 26.8\text{mm}$ (when retracted)
Weight = ca. 85g Filter diameter = $\Phi 37\text{mm}$

Standard lens with built-in motorized zoom

The compact, lightweight retractable mechanism improves portability of the camera, while at the same time ensuring high contrast all the way to the image periphery. The quiet noise design is suitable for movie shooting.



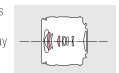
28-84mm (35mm equivalent)
**Panasonic : LUMIX G VARIO
14-42mm F3.5-5.6 II ASPH. MEGA O.I.S.**

[Aspherical lens](#) [Optical Image Stabilizer \(inside lens\)](#)

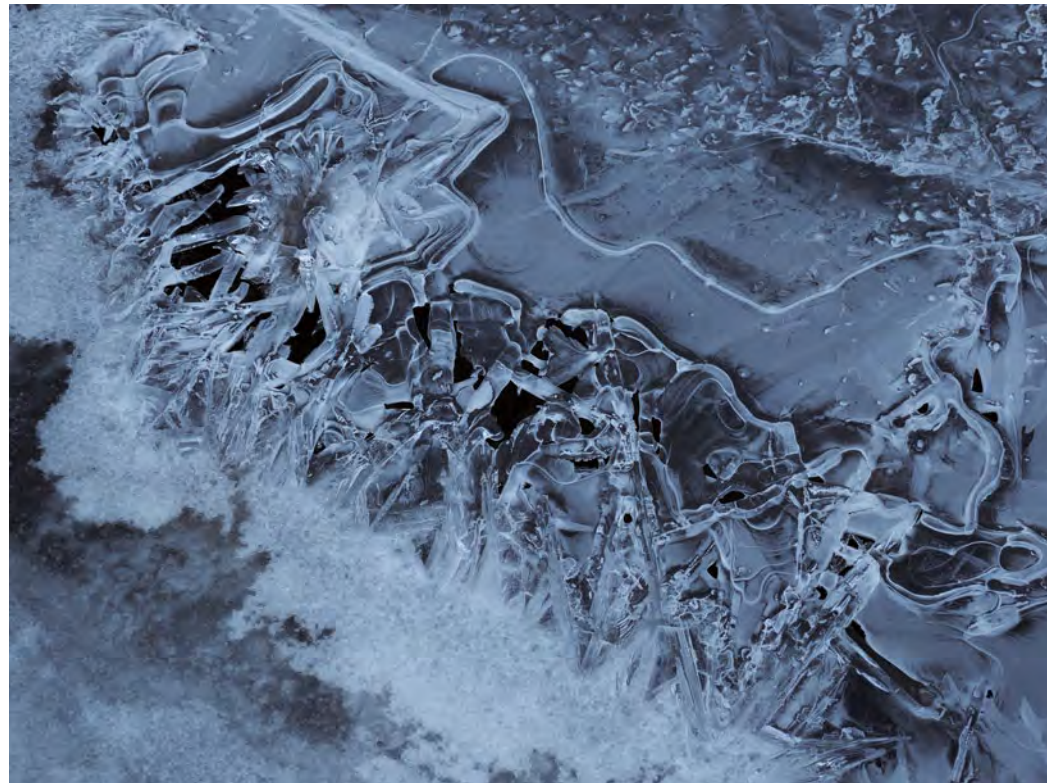
Max. dia. x Length = $\Phi 56\text{mm} \times \text{ca.} 49\text{mm}$
Weight = ca. 110g Filter diameter = $\Phi 46\text{mm}$

Sophisticated design and reduced size/weight

The compact, lightweight design of this lens lets you enjoy photography in a wide range of situations, from everyday snapshots to landscape and portrait shooting.



M.ZUIKO DIGITAL ED 12-100mm F4.0 IS PRO : 1/1250sec, F4.5 ISO200



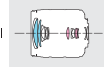
28-280mm (35mm equivalent)
**Panasonic : LUMIX G VARIO
14-150mm F3.5-5.6 II ASPH. POWER O.I.S.**

[Hi-Lens](#) [Aspherical lens](#) [Optical Image Stabilizer \(inside lens\)](#) [Splash-dust-proof](#)

Max. dia. x Length = $\Phi 67\text{mm} \times \text{ca.} 75\text{mm}$
Weight = ca. 265g Filter diameter = $\Phi 58\text{mm}$

10x optical zooming with advanced image stabilization

Compatible with a wide range of photographic opportunities including landscapes and sports events. The Dual I.S.2 provides highly effective image stabilization.



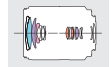
28-300mm (35mm equivalent)
**TAMRON :
14-150mm F/3.5-5.8 Di III (Model C001)**

[Hi-Lens](#) [Aspherical lens](#) [Optical Image Stabilizer \(inside lens\)](#) [Low Dispersion lens](#) [Aspherical lens](#)

Max. dia. x Length = $\Phi 63.5\text{mm} \times \text{ca.} 80\text{mm}$
Weight = 285g Filter diameter = $\Phi 52\text{mm}$

Lighter. Smaller. Sharper.

A high power zoom lens helps swiftly capture different views at the angle of field you choose. Incorporating specialized glass elements for excellent imaging performance.



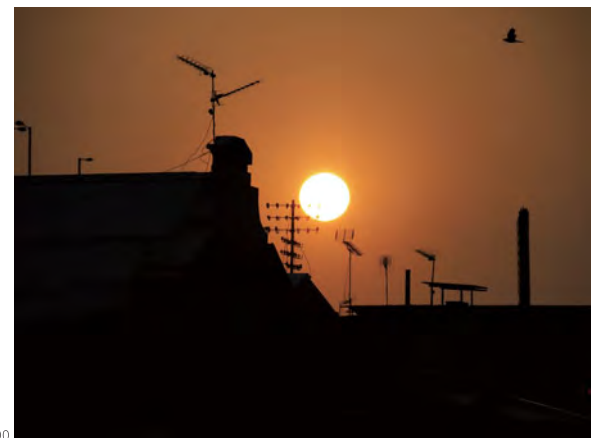
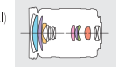
28-300mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 14-150mm F4.0-5.6 II**

[Hi-Lens](#) [Aspherical lens](#) [Optical Image Stabilizer \(inside lens\)](#) [ASC](#) [Electronic zoom](#) [ZERO Coating](#) [ASC](#) [Splash-dust-proof](#)

Max. dia. x Length = $\Phi 63.5\text{mm} \times 83\text{mm}$
Weight = 285g Filter diameter = $\Phi 58\text{mm}$

Compact, lightweight dustproof/splashproof zoom with excellent mobility

A lightweight 10.7X zoom lens featuring ZERO (Zuiko Extra-low Reflection Optical) Coating. Its dustproof/splashproof construction allows photography even in extreme conditions.



M.ZUIKO DIGITAL ED 12-200mm F3.5-6.3 : 1/2500sec, F6.3 ISO400

Zoom Lenses - TELEPHOTO

Lenses covering telescopic focal lengths of 100mm (200mm of 35mm equivalent) or more.



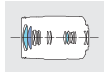
70-200mm (35mm equivalent)
**Panasonic : LUMIX G X VARIO
35-100mm F2.8 II POWER O.I.S.**

[LENS](#) [ED lens](#) [Nano Surface Coating](#) [Optical Image Stabilizer \(inside lens\)](#) [Splash-/dust-proof](#)

Max. dia. x Length = $\Phi 67.4\text{mm} \times \text{ca.} 95.5\text{mm}$
Weight = ca. 357g Filter diameter = $\Phi 68\text{mm}$

Large F2.8 aperture telephoto zoom delivers high performance in a compact size

With its large F2.8 aperture and powerful Dual I.S.2 image stabilization, this lens supports high-speed shutter in sports photography, ensuring sharp, crystal-clear action shots. This lens is equally adept at more personal level, offering a beautiful defocusing effect ideal for portrait and close-up pictures.



80-300mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 40-150mm F2.8 PRO**

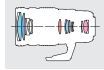
[LENS](#) [ED lens](#) [Low Dispersion Element](#) [Aspherical Lens](#) [ZERO Coating](#) [MSC](#) [Splash-/dust-proof](#)

Max. dia. x Length = $\Phi 75.4\text{mm} \times 160\text{mm}$ Weight = 760g (w/o tripod adapter / tripod adapter: 120g) Filter diameter = $\Phi 72\text{mm}$

Telephoto zoom lens with high image quality and maximum portability

Top-notch performance in every aspect from brightness and close-up capability to portability and operation. It employs the world's first* Dual VCM focus system, realizing outstanding precision and AF speed.

* Based on Olympus research.



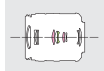
90-300mm (35mm equivalent)
**Panasonic : LUMIX G VARIO
45-150mm F4.0-5.6 ASPH. MEGA O.I.S.**

[LENS](#) [Aspherical lens](#) [Optical Image Stabilizer \(inside lens\)](#)

Max. dia. x Length = $\Phi 62\text{mm} \times \text{ca.} 73\text{mm}$
Weight = ca. 200g Filter diameter = $\Phi 52\text{mm}$

Ultra compact telephoto zoom lens with high optical performance

The UHR (Ultra High Refractive Index) lens and 2 aspherical lenses achieve uniform image depiction from the center to the corners. Smooth, silent focusing in both photo and video recording.



90-350mm (35mm equivalent)
**Panasonic : LUMIX G X VARIO PZ
45-175mm F4.0-5.6 ASPH. POWER O.I.S.**

[LENS](#) [Aspherical lens](#) [Nano Surface Coating](#) [Optical Image Stabilizer \(inside lens\)](#) [Motorized zoom](#)

Max. dia. x Length = $\Phi 61.6\text{mm} \times \text{ca.} 90\text{mm}$
Weight = ca. 210g Filter diameter = $\Phi 46\text{mm}$

Telephoto lens with built-in motorized zoom

The multi-actuator flowing inner focus mechanism enables this lens to offer sharp, clear images in a compact, lightweight design. Low-noise operation makes it suitable for movie recording.



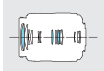
90-400mm (35mm equivalent)
**Panasonic : LUMIX G VARIO
45-200mm F4.0-5.6 II POWER O.I.S.**

[LENS](#) [Optical Image Stabilizer \(inside lens\)](#) [Splash-/dust-proof](#)

Max. dia. x Length = $\Phi 70\text{mm} \times \text{ca.} 100\text{mm}$
Weight = ca. 570g Filter diameter = $\Phi 52\text{mm}$

Dustproof/splashproof telephoto zoom with powerful image stabilization

The wide zoom range expands your photo opportunities. From portraits that bring to life natural facial expressions to impressive telephoto images, this lens is a great choice for active photographers. Powerful Dual I.S.2 image stabilization and a dustproof/splashproof design ensure optimum performance and reliability in any situation.



M.ZUIKO DIGITAL ED 40-150mm F2.8 PRO : 1/320sec, F3.5



M.ZUIKO DIGITAL ED 40-150mm F2.8 PRO : 1/800sec, F7.1 ISO200



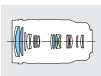


100-400mm (35mm equivalent)
**Panasonic : LEICA DG VARIO-ELMARIT
50-200mm F2.8-4.0 ASPH. POWER O.I.S.**
[LEICA lens](#) [ED lens](#) [ED lens](#) [Aspherical lens](#) [Optical Image Stabilizer \(inside lens\)](#) [Splash-/dust-proof](#)

Max. dia. x Length = $\Phi 76\text{mm}$ x ca.132mm
Weight = ca.855g Filter diameter = $\Phi 67\text{mm}$

Super-telephoto zoom with go-anywhere mobility and superior shooting flexibility

This lens lets you get up close to normally unapproachable wild animals and zoom in on sports action. Large F2.8 aperture and high resolution assure high-quality images for portrait and movie shooting. "Dual I.S.2" and rustproof/splashproof design.

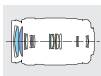


150-600mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 75-300mm F4.8-6.7 II**
[ED lens](#) [Aspherical ED lens](#) [ED lens](#) [ZERO Coating](#) [MSD](#)

Max. dia. x Length = $\Phi 69\text{mm}$ x 116.5mm
Weight = 423g Filter diameter = $\Phi 68\text{mm}$

Super-telephoto zoom captures dynamic images of distant subjects

This 600mm (35mm equivalent) super-telephoto zoom lens is compact and lightweight enough for handheld photography. The ZERO Coating on the lens surface helps provide clear images even when shot at a long distance.

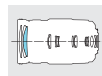


200-600mm (35mm equivalent)
**Panasonic : LUMIX G VARIO
100-300mm F4.0-5.6 II POWER O.I.S.**
[ED lens](#) [Optical Image Stabilizer \(inside lens\)](#) [Splash-/dust-proof](#)

Max. dia. x Length = $\Phi 73.6\text{mm}$ x ca.126mm
Weight = ca.520g Filter diameter = $\Phi 67\text{mm}$

600mm (35mm equivalent) super-telephoto zoom with dustproof/splashproof design

Compact, lightweight design and Dual I.S.2 image stabilization make possible handheld super-telephoto shooting – perfect for capturing brilliant images of fast-moving sports action or unapproachable animals. Dustproof/splashproof design means this lens is ready for action under the toughest conditions.

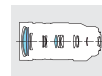


200-800mm (35mm equivalent)
**Panasonic : LEICA DG VARIO-ELMAR
100-400mm F4.0-6.3 ASPH. POWER O.I.S.**
[LEICA lens](#) [ED lens](#) [Aspherical lens](#) [Optical Image Stabilizer \(inside lens\)](#) [Splash-/dust-proof](#)

Max. dia. x Length = $\Phi 83\text{mm}$ x ca.171.5mm
Weight = ca.865g Filter diameter = $\Phi 72\text{mm}$

Dustproof/splashproof 800mm (35mm equivalent) super-telephoto zoom

Built to LEICA's most exacting standards, this is the first zoom model in the LEICA DG lens series. And despite offering amazing 800mm (35mm equivalent) ultra-telephoto capability, this lens is surprisingly compact and light weight, featuring a splash-and-dustproof design.



Development announcement : To be released in 2020



300-1000mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 150-400mm F4.5 TC 1.25x IS PRO**

Outstanding super-telephoto zoom incorporating 1.25x teleconverter

Professional-type super-telephoto zoom lens featuring default focal lengths of 300-800 mm plus teleconverter-assisted focal length of 375-1000mm (both 35mm equivalent).

LEICA DG VARIO-ELMARIT 50-200mm F2.8-4.0 ASPH. POWER O.I.S. : 1/8sec, F8 ISO400



LEICA DG VARIO-ELMAR 100-400mm F4.0-6.3 ASPH. POWER O.I.S. : 1/1250sec, F5.4 ISO400



Prime Lenses - WIDE

Single-Focal-Length Lenses for Wide-Angle with
Focal Length below 20mm (40mm of 35mm equivalent).

Fisheye



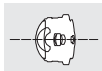
8mm (35mm equivalent)
**LAOWA :
LAOWA 4mm F2.8 Fisheye MFT**

Manual focus

Max. dia. x Length = Φ 45.2mm x 25.5mm
Weight = 135g

Super compact circular Fisheye lens

Featuring a 210° angle of view, the lens delivers a unique circular fisheye field of view. Despite the unique and ultra-wide perspective, the lens only weights 135g.



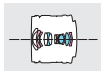
15mm (35mm equivalent)
LAOWA : LAOWA 7.5mm F2 MFT

ED lens Aspherical lens

Max. dia. x Length = Φ 50mm x 55mm
Weight = 170g Filter diameter = Φ 46mm

110° ultra wide lens with a F2 aperture

This lens allows Micro Four Thirds users to enjoy an impressive 110° ultra wide angle of view for a wide range of shooting needs.



Fisheye



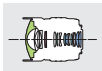
16mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
ED 8mm F1.8 Fisheye PRO**

Super-ED lens ED lens Aspherical lens F1.8 lens ZERO Coating MSC Splash-Res-proof

Max. dia. x Length = Φ 62mm x 80mm
Weight = 315g

Dustproof/splashproof fisheye lens with F1.8 brightness

With a F1.8 aperture and 180° angle of view, this fisheye lens boasts superior optical performance with excellent imaging from the center to edges. A reliable dustproof/splashproof construction allows photography in any condition.



Fisheye



16mm (35mm equivalent)
**Panasonic :
LUMIX G FISHEYE 8mm F3.5**

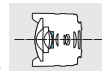
ED lens

Max. dia. x Length = Φ 63.7mm (hood section) x ca.51.7mm Weight = ca.165g
Filter diameter = Front: Not mountable, Rear: Street View 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 July 21, 2011. Among the AF-compatible fisheye lenses for interchangeable-lens type digital cameras.



17mm (35mm equivalent)
**Kowa :
KOWA PROMINAR 8.5mm F2.8**

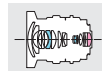
ED lens Aspherical lens Manual focus

Max. dia. x Length = Φ 71.5mm x 66.3mm
Weight = 440g Filter diameter = Φ 66mm (attach to lens hood)

Ultra-wide-angle lens realistically depicts scenes with breathtaking scope

With a dynamic diagonal angle of view of 106°, this lens minimizes distortion and enhances contrast in peripheral areas, providing superb optical performance suitable for use with a high-resolution 4K camera.

* Cannot be used with Panasonic LUMIX DMCC-G1.



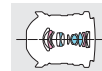
18mm (35mm equivalent)
**LAOWA :
LAOWA 9mm F2.8 ZERO-D MFT**

ED lens Aspherical lens

Max. dia. x Length = Φ 60mm x 53mm
Weight = 193g Filter diameter = Φ 48mm

Ultra wide angle with tiny size and light weight

2 aspherical elements plus 3 extra-low dispersion elements successfully correct the chromatic aberration, realize a close-to-zero optical distortion and deliver corner to corner sharpness.



M.ZUIKO DIGITAL ED 8mm F1.8 Fisheye PRO : Live Composite 15sec x 160(40min) F1.8 ISO200



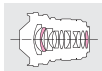
KOWA PROMINAR 8.5mm F2.8 : 5sec, F11 ISO200





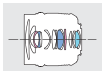
Max. dia. x Length = $\phi 77\text{mm} \times 82.4\text{mm}$
Weight = 585g Filter diameter = $\phi 72\text{mm}$

Two aspherical lenses with 3 aspherical surfaces are used to ensure super-sharp images even when the aperture is fully open. "Selective Aperture Control System", with and without click-stops, is also built in.



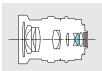
Max. dia. x Length = $\Phi 70\text{mm}$ x ca.70mm
Weight = ca.335g Filter diameter = $\Phi 62\text{mm}$

The SUMMILUX lens with the open aperture of F1.4 delivers precise, natural imaging power featuring smooth, subtle gradations all the way to the edge of the image.



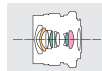
Max. dia. x Length = $\Phi 76.5\text{mm} \times 90.5\text{mm}$
Weight = 475g Filter diameter = $\Phi 72\text{mm}$

Great for outdoor shooting thanks to the sharp, crisp, detailed imaging made possible by its wide angle of 24mm (35mm equivalent) and very low distortion, this lens boasts high brightness of F1.8 so it can be used indoors as well.



Max. dia. x Length = $\Phi 56\text{mm} \times 43\text{mm}$
Weight = 130g Filter diameter = $\Phi 46\text{mm}$

With a large aperture of F2.0 and a wide angle of 24mm (35mm equivalent), this lens offers high picture quality, while boasting a more compact design optimized for snapshot shooting.



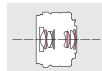
Max. dia. x Length = $\phi 55.5\text{mm}$ x ca.20.5mm
Weight = ca.55g Filter diameter = $\phi 46\text{mm}$

The high brightness of this lens makes it handy in daily use, from shooting vast landscapes to compositions with wide perspectives that take advantage of the 28mm wide angle (35mm equivalent).



Max. dia. x Length = $\phi 57.5\text{mm}$ x ca.36mm
Weight = 115g Filter diameter = $\phi 46\text{mm}$

With brightness that surpassed Leica's most stringent optical standards, this lens features a lovely soft defocusing effect that makes it perfect for snapshots.

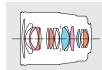


A scenic view of a river flowing through a lush green forest. The water is clear and flows over moss-covered rocks, creating small rapids. The surrounding trees are dense and green, with sunlight filtering through the canopy. The foreground features large, mossy rocks partially submerged in the water.



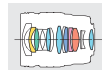
Max. dia. x Length = $\Phi 72.2\text{mm} \times 91.1\text{mm}$
Weight = 395g Filter diameter = $\Phi 67\text{mm}$

Incorporates the latest optical technology to offer F1.4 brightness, high optical performance and comfortable operability in a compact format. Movie recording with smooth natural AF focusing.



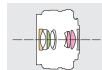
Max. dia. x Length = $\Phi 68.2\text{mm} \times 87\text{mm}$
Weight = 390g Filter diameter = $\Phi 62\text{mm}$

Wide-angle lens with large F1.2 open aperture delivers standout performance in both landscape and documentary shooting. Extensive use of special lens elements lets you enjoy both beautiful "feathered bokeh" effect and high resolution.



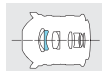
Max. dia. x Length = $\Phi 57.5\text{mm}$ x ca.35.5mm
Weight = 120g Filter diameter = $\Phi 46\text{mm}$

Combining the brightness of an F1.8 aperture and high image quality in a compact package, this lens is ideal for snapshots and street photography. A snapshot focus mechanism is also incorporated.



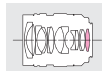
Max. dia. x Length = $\Phi 55\text{mm} \times 51\text{mm}$
Weight = 172g Filter diameter = $\Phi 46\text{mm}$

The wide angle of view (65°) pair with the large f1.8 aperture can easily handle different lighting conditions. The lens houses nine elements in seven groups and has a seven-blade diaphragm to give a traditional Sunstar rendering in out-of-focus highlights



Max. dia. x Length = $\Phi 63.4\text{mm} \times 80\text{mm}$
Weight = 540g Filter diameter = $\Phi 58\text{mm}$

Wide angle lens of 35mm (35mm equivalent) with F0.95 at wide open. "Selective Aperture Control System" allows you to set the lens precisely at any aperture settings.



Max. dia. x Length = $\Phi 63\text{mm}$ x ca.25.5mm
Weight = ca. 87g. Filter diameter = $\Phi 46\text{mm}$

Despite its reduced size and weight, this lens delivers impressive performance with a large high-brightness F1.7 aperture that enables you to capture gorgeous photographs with high contrast and beautiful defocusing effects.

Manual focus

Max. dia. x Length = $\Phi 60.6\text{mm} \times 70\text{mm}$
Weight = 435g Filter diameter = $\Phi 52\text{mm}$

25mm angle of view with "Selective Aperture Control System". Aperture can be controlled without click-stop and any noise that is ideal for setting aperture at any points between the range and video shooting.

Max. dia. x Length = $\Phi 70\text{mm} \times 87\text{mm}$
Weight = 410g Filler diameter = $\Phi 62\text{mm}$

The extensive use of special lens elements allows this lens to offer both high resolution and beautiful defocusing effects from the open aperture of F1.2.

Max. dia. x Length = $\Phi 63\text{mm}$ (fixed hood section) x ca.54.5
Weight = ca.205g Filter diameter = $\Phi 46\text{mm}$

Offering excellent imaging performance in a compact body, this standard single-focal-length lens has a large aperture that provides the soft defocusing effect unique to Leica lenses.



Max. dia. x Length = $\Phi 60,8\text{mm} \times \text{ca.} 52\text{mm}$
Weight = ca. 125g Filter diameter = $\Phi 46\text{mm}$

This large-aperture standard lens features a beautiful defocus effect to make your subjects really stand out. The F1.7 brightness at the open aperture captures beautiful, stabilized images even outdoors at twilight outdoors or in a dimly lit room.



LEICA DG SUMMILUX 25mm F1.4 ASPH.: 1/60sec. F8.0 ISO500



Prime Lenses - TELEPHOTO

Single-Focal-Length Lenses for Medium Telephoto to Telephoto with 40mm (80mm of 35mm equivalent) and up.

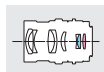


50mm (35mm equivalent)
**Kowa :
KOWA PROMINAR 25mm F1.8**

Max. dia. x Length = $\Phi 60\text{mm} \times 94\text{mm}$
Weight = 400g Filter diameter = $\Phi 55\text{mm}$

F1.8 standard lens featuring beautiful defocusing effects

With a standard angle of view of 50mm (35mm equivalent) that matches natural vision and a bright open aperture of F1.8, this lens is able to realistically depict a wide range of images, from snapshots to portraits.

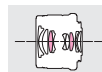


50mm (35mm equivalent)
**OLYMPUS :
M.ZUIKO DIGITAL 25mm F1.8**

Max. dia. x Length = $\Phi 57.5\text{mm} \times 42\text{mm}$
Weight = 137g Filter diameter = $\Phi 46\text{mm}$

Bright standard lens that enhances the joy of photography with beautiful bokeh

A single focal length lens with high imaging power and beautiful bokeh produced from the F1.8 aperture. This lens features a natural angle of view similar to the human eye.

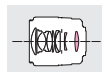


60mm (35mm equivalent)
**SIGMA : SIGMA 30mm F1.4 DC
DN | Contemporary**

Max. dia. x Length = $\Phi 64.8\text{mm} \times 72.1\text{mm}$
Weight = 260g Filter diameter = $\Phi 52\text{mm}$

Large-aperture standard lens with excellent optical performance

Bright standard lens with F1.4 open aperture lets you experience the photographic thrill that comes from the versatility that a truly large aperture makes possible. Enjoy the enhanced defocus effect available only with a large aperture and crisp, clear optical performance.

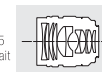


85mm (35mm equivalent)
**Voigtlander :
NOKTON 42.5mm F0.95**

Max. dia. x Length = $\Phi 64.3\text{mm} \times 74.6\text{mm}$
Weight = 571g Filter diameter = $\Phi 58\text{mm}$

Mid-telephoto lens with fast aperture

An angle of view of 85mm (35mm equivalent) and a beautiful defocusing effect produced by the ultra-fast F0.95 aperture make this lens ideal for portrait photography.

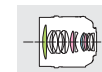


85mm (35mm equivalent)
**Panasonic : LEICA DG NOCTICRON
42.5mm F1.2 ASPH. POWER O.I.S.**

Max. dia. x Length = $\Phi 74\text{mm} \times 76.6\text{mm}$
Weight = ca.425g Filter diameter = $\Phi 57\text{mm}$

F1.2 large aperture lens capable of expressing beautiful defocusing effect

A bright F1.2 open aperture and outstanding imaging performance enforced by Leica's rigorous optical standards make this large-aperture, mid-telephoto lens a good choice for portrait shooting.

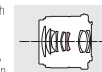


85mm (35mm equivalent)
**Panasonic : LUMIX G
42.5mm F1.7 ASPH. POWER O.I.S.**

Max. dia. x Length = $\Phi 55\text{mm} \times 50\text{mm}$
Weight = ca.130g Filter diameter = $\Phi 37\text{mm}$

Middle telephoto portrait lens with large F1.7 open aperture

With a mid-range telephoto focal length of 85mm (35mm equivalent), this lens is suitable for portrait shooting. Features a natural-looking perspective, capturing the details of a subject as seen by the human eye.



KOWA PROMINAR 25mm F1.8 : 1/320sec, F1.8 ISO320



NOKTON 42.5mm F0.95 : 1/2000sec, ISO400





90mm (35mm equivalent)
**OLYMPUS : M.ZUIKO DIGITAL
 ED 45mm F1.2 PRO**

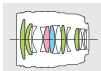


High lens ED lens Aspherical lens Z Coating Nano MSC Splash-/dust-proof

Max. dia. x Length = $\Phi 70\text{mm} \times 84.9\text{mm}$
 Weight = 410g Filter diameter = $\Phi 62\text{mm}$

Large-aperture medium telephoto lens brings your subject to the forefront

A lens equivalent to 90mm (35mm camera) is optimum for portraits. This lens provides excellent resolution and a beautiful "feathered bokeh," adding depth to your photos,



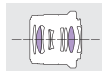
90mm (35mm equivalent)
**OLYMPUS :
 M.ZUIKO DIGITAL 45mm F1.8**



Max. dia. x Length = $\Phi 56\text{mm} \times 46\text{mm}$
 Weight = 116g Filter diameter = $\Phi 37\text{mm}$

Family portrait lens with beautiful defocusing capability

The F1.8 aperture and shallow depth-of-field of this lens lets anyone shoot portraits in which soft, beautiful background defocusing makes the subject very prominent,

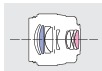


112mm (35mm equivalent)
**SIGMA : SIGMA 56mm F1.4 DC
 DN | Contemporary**

Max. dia. x Length = $\Phi 65.5\text{mm} \times 55.1\text{mm}$
 Weight = 260g Filter diameter = $\Phi 55\text{mm}$

Med-telephoto lens featuring F1.4 brightness and beautiful defocus effect

SLD glass is used to reduce the size as well as to compensate for axial chromatic aberration, which is difficult to eliminate with image processing alone. The result is lens that marries reduced size/weight with sharp image quality,



SIGMA 56mm F1.4 DC DN | Contemporary : 1/3200sec, F2.0 ISO320



M.ZUIKO DIGITAL ED 45mm F1.2 PRO : 1/6400sec, F1.2 ISO200





Prime Lenses - MACRO/OTHER

Macro lenses with a taste proper to single focal length, other highly distinct lenses.

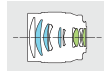


150mm (35mm equivalent)
OLYMPUS : M.ZUIKO DIGITAL ED 75mm F1.8

ED lens **ED lens** **ZERO Coating** **MSC**
Max. dia. x Length = $\Phi 64\text{mm} \times 69\text{mm}$
Weight = 305g Filter diameter = $\Phi 58\text{mm}$

High-grade portrait lens with excellent image quality

High-level imaging performance achieves beautifully circular defocusing effects. Suitable for shooting theatrical scenes and indoor sports.



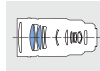
400mm (35mm equivalent)
Panasonic : LEICA DG ELMARIT 200mm F2.8 POWER O.I.S.

ED lens **Nano Surface Coating** **Optical Image Stabilizer (inside lens)** **Splash-/dust-proof**
Max. dia. x Length = $\Phi 87.5\text{mm} \times \text{ca.} 174\text{mm}$
Weight = ca. 1,245g (w/o tripod adapter) Filter diameter = $\Phi 77\text{mm}$

Super-telephoto lens optimized for sport and wildlife photography

Designed to the strict optical standards of Leica, this lens features F2.8 brightness with sharp, clear imaging throughout the image plane, making it possible to capture stunning, high-quality photographs fast-moving subjects such as wild animals or athletes.

* DMC-TC14 1.4x Teleconverter included.

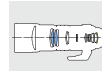


600mm (35mm equivalent)
OLYMPUS : M.ZUIKO DIGITAL ED 300mm F4.0 IS PRO

ED lens **ED lens** **Aspherical lens** **2 Coating lens** **MSC** **Optical Image Stabilizer (inside lens)** **Splash-/dust-proof**
Max. dia. x Length = $\Phi 92.5\text{mm} \times 227\text{mm}$ (when hood retracted) Weight = 1,270g
(w/o tripod adapter / tripod adapter: 205g) Filter diameter = $\Phi 77\text{mm}$

Super-telephoto lens with handheld shooting capability

In addition to excellent mobility made possible by its compact size, light weight and dustproof/splashproof design, this lens features 5-axis image stabilization making handheld shooting with a super-telephoto lens much easier than it's ever been in the past.

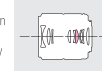


60mm (35mm equivalent)
Panasonic : LUMIX G MACRO 30mm F2.8 ASPH. MEGA O.I.S.

Aspherical lens
Max. dia. x Length = $\Phi 58.8\text{mm} \times \text{ca.} 63.5\text{mm}$
Weight = ca. 180g Filter diameter = $\Phi 46\text{mm}$

Single focal length macro lens with 1X life-size close-up capability

With a single focal length of 60mm (35mm equivalent), this macro lens can be used in a variety of applications, from high-powered macro photography to landscape shooting.

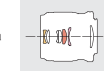


60mm (35mm equivalent)
OLYMPUS : M.ZUIKO DIGITAL ED 30mm F3.5 Macro

ED lens **ASA lens** **Aspherical lens** **ZERO Coating** **MSC**
Max. dia. x Length = $\Phi 57\text{mm} \times 60\text{mm}$
Weight = ca. 129g Filter diameter = $\Phi 46\text{mm}$

Powerful macro lens with 2.5X (35mm equiv.) shooting magnification

The 2.5X magnification (35mm equivalent) is the highest in its class and is capable of bringing into view a world difficult to see with the naked eye.

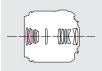


90mm (35mm equivalent)
Panasonic : LEICA DG MACRO-ELMARIT 45mm F2.8 ASPH. MEGA O.I.S.

ED lens **Aspherical lens** **Optical Image Stabilizer (inside lens)**
Max. dia. x Length = $\Phi 63\text{mm} \times \text{ca.} 82.5\text{mm}$
Weight = ca. 225g Filter diameter = $\Phi 46\text{mm}$

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.



LEICA DG ELMARIT 200mm F2.8 POWER O.I.S. : 1/2500sec. F2.8 ISO400

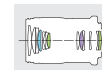


120mm (35mm equivalent)
OLYMPUS : M.ZUIKO DIGITAL ED 60mm F2.8 Macro

Aspherical lens **ED lens** **ED lens** **ZERO Coating** **MSC** **Splash-/dust-proof**
Max. dia. x Length = $\Phi 56\text{mm} \times 82\text{mm}$
Weight = 185g Filter diameter = $\Phi 46\text{mm}$

Dustproof/splashproof nature macro lens

1X macro lens featuring an internal focus system that does not alter the lens length. A focus limit switch is built in for quicker focusing.



3D



65mm (35mm equivalent)*
Panasonic : LUMIX G 12.5mm F12

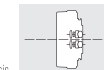
Max. dia. x Length = $\Phi 57\text{mm} \times \text{ca.} 20.5\text{mm}$
Weight = ca. 45g

World's first** interchangeable 3D lens

This easy-to-handle compact lens allows instant 3D still-picture shooting with two built-in optical systems. The left and right images are shot without time lag so even a moving subject is not distorted after synthesis.

* When the aspect ratio is set at 16:9 with DMC-GH2.

** As of September 21, 2010. Among the interchangeable lenses for digital SLR cameras.



M.ZUIKO DIGITAL ED 30mm F3.5 Macro : 1/5sec. F5.0 ISO200



Lens Accessories

Cap lenses, converter lenses, adapters. Expand your creativity and range of expression with these valuable tools.

Body Cap Lenses

Fisheye



OLYMPUS : Fisheye Body Cap Lens BCL-0980 (9mm F8.0)

Ultra-thin cap lens that gives you an ultra-wide-angle fisheye view of 140°
The simplified MF lever enables easy one-touch pan-focus and close-up shooting. Available in two colors.

- * When using the image stabilization mechanism built into the camera, set the focal length to 5mm or 6mm if the 9mm setting is not available.
- * Focus adjustment is possible by rotating the MF lever manually.
- * Autofocusing is not available.
- * Communication function with the body not available. (Exif data not provided.)



OLYMPUS : Body Cap Lens BCL-1580 (15mm F8.0)

Body cap lens usable as a pan-focus lens for snapshots
Only 9mm thickness allows this lens to be used as a body cap.

- * When using the image stabilization mechanism built into the camera, set the focal length to 15mm or 16mm if the 15mm setting is not available.
- * Focus adjustment is possible by rotating the MF lever manually.
- * Autofocusing is not available.
- * Communication function with the body not available. (Exif data not provided.)

Converter Lenses



Splash-/dust-proof

Panasonic : 1.4x Teleconverter DMW-TC14

This extends the focal length of the master lens by 40%
The focal length of the master lens turns it into a more powerful telephoto lens without degrading the optical performance.

- * Applicable lenses: LEICA DG VARIO-ELMARIT 50-200mm F2.8-4.0 ASPH. POWER O.I.S., LEICA DG ELMARIT 200mm F2.8 POWER O.I.S.



Splash-/dust-proof

Panasonic : 2.0x Teleconverter DMW-TC20

This extends the focal length of the master lens by double
Doubling the focal length of the master lens turns it into a more powerful telephoto lens without degrading the optical performance.

- * Applicable lenses: LEICA DG VARIO-ELMARIT 50-200mm F2.8-4.0 ASPH. POWER O.I.S., LEICA DG ELMARIT 200mm F2.8 POWER O.I.S.



Splash-/dust-proof

OLYMPUS : M.ZUIKO DIGITAL 1.4x Teleconverter MC-14

This extends the focal length of the master lens by 40%
This extends the focal length of the master lens by 40% with very little image quality degradation. This lens is also dustproof/splashproof and resistant to low temperatures.

- * Applicable lenses: M.ZUIKO DIGITAL ED 40-150mm F2.8 PRO, M.ZUIKO DIGITAL ED 300mm F4.0 IS PRO, M.ZUIKO DIGITAL ED 150-400mm F4.5 TC 1.25x IS PRO

* The effective f-number of the lens drops by one step when this converter is attached.



Splash-/dust-proof

OLYMPUS : M.ZUIKO DIGITAL 2x Teleconverter MC-20

This extends the focal length of the master lens by double
A 4-group, 9-element lens configuration that includes an HR lens virtually eliminates image quality degradation in this rugged dustproof/splashproof/freezeproof lens.

- * Applicable lenses: M.ZUIKO DIGITAL ED 40-150mm F2.8 PRO, M.ZUIKO DIGITAL ED 300mm F4.0 IS PRO, M.ZUIKO DIGITAL ED 150-400mm F4.5 TC 1.25x IS PRO

* The effective f-number of the lens drops by two steps when this converter is attached.

Wide



OLYMPUS : Wide Converter WCON-P01

Wide converter lens brings a more panoramic view to your images

When attached to the M.ZUIKO DIGITAL 14-42mm F3.5-5.6 IIR lens (set to the wide-angle end of 14mm), this converter makes it possible to shoot wide-angle pictures with a focal length of 11mm (equivalent to 22mm of 35mm film cameras).

- * Applicable lenses: M.ZUIKO DIGITAL 14-42mm F3.5-5.6 IIR
- * Use at the wide-angle end (focal length 14mm) is recommended.
- * The decorative ring cannot be used in combination with this lens.

Macro



OLYMPUS : Macro Converter MCON-P02

Macro converter lens for easy macro photography

A macro converter lens attachable to seven different M.ZUIKO DIGITAL lenses to enable macro shooting.

- * Applicable lenses: M.ZUIKO DIGITAL 14-42mm F3.5-5.6 IIR, M.ZUIKO DIGITAL ED 14-42mm F3.5-5.6 EZ, M.ZUIKO DIGITAL 45mm F1.8, (The included Step-up Ring is required for use with the three lenses listed above.) M.ZUIKO DIGITAL 25mm F1.8, M.ZUIKO DIGITAL 17mm F1.8, M.ZUIKO DIGITAL ED 12mm F2.0

* Do not attach the macro converter to an inapplicable lens. Doing so could damage the lens.

* Cannot be used in combination with a protection filter or automatic opening lens cap.

Four Thirds Adapters



Panasonic : DMW-MA1

Mount adapter to enable a Four Thirds lens to be mounted on a Micro Four Thirds lens mount.



Panasonic : DMW-MA2M

Mount adapter to enable an M-mount lens of Leica Camera AG to be mounted on a Micro Four Thirds lens mount.



Panasonic : DMW-MA3R

Mount adapter to enable an R-mount lens of Leica Camera AG to be mounted on a Micro Four Thirds lens mount.

M.ZUIKO DIGITAL ED 300mm F4.0 IS PRO + M.ZUIKO DIGITAL 2x Teleconverter MC-20 : 1/800sec, F8 ISO640



	Lens	Manufacturer	Color	Splash-/Dust-Proof	Lens Construction Elements - Groups	Diameter x Length (mm / in.)	Weight (g / oz.)	Lens Rear Cap	Lens Front Cap
Cap	BCL-0980 Fisheye Body Cap Lens (9mm F8.0 Fisheye)	OLYMPUS	Black, White	-	5 - 4	Φ56×12.8 / Φ2.2×0.5	30 / 1.1	LR-2	-
	BCL-1580 Body Cap Lens (15mm F8.0)	OLYMPUS	Red	-	3 - 3	Φ56×9 / Φ2.2×0.35	22 / 0.8	LR-2	-
	DMW-TC14 1.4x Teleconverter	Panasonic	Black	Yes	6 - 4	Φca.58×ca.22 / Φca.2.3×ca.0.87	ca.120 / 4.2	Available	Available
Converter	DMW-TC20 2.0x Teleconverter	Panasonic	Black	Yes	8 - 5	Φca.58×ca.34 / Φca.2.3×ca.1.3	ca.160 / 5.6	Available	Available
	MC-14 M.ZUIKO DIGITAL 1.4x Teleconverter	OLYMPUS	Black	Yes	6 - 3	Φ59.8×14.7 / Φ2.35×0.58	105 / 3.7	LR-2	BC-3
	MC-20 M.ZUIKO DIGITAL 2.0x Teleconverter	OLYMPUS	Black	Yes	9 - 4	Φ59.8×25.9 / Φ2.35×1.02	150 / 5.3	LR-2	BC-3
	WCON-P01 Wide Converter	OLYMPUS	Silver	-	2 - 2	Φ62×30.5 / Φ2.44×1.2	85 / 3.0	LR-3	LC-62C
	MCON-P02 Macro Converter	OLYMPUS	Black	-	2 - 1	Φ53×15.1 / Φ2.09×0.59 (with step-up ring) 52 / 1.8 (with step-up ring)	ca.87 / ca.3.1	LR-4	LC-53
Adapter	DMW-MA1 Four Thirds Adapter	Panasonic	Black	-	-	Φca.71×ca.24 / Φca.2.8×ca.0.94	ca.87 / ca.3.1	-	-
	DMW-MA2M	Panasonic	Black	-	-	Φca.61×ca.13 / Φca.2.4×ca.0.51	ca.60 / ca.2.1	-	-
	DMW-MA3R	Panasonic	Black	-	-	Φca.67×ca.33 / Φca.2.64×ca.1.3	ca.90 / ca.3.2	-	-



Digital Cinema Cameras

Blackmagicdesign SHARP



Blackmagic
Pocket Cinema Camera 4K



Blackmagic
Micro Cinema Camera



Blackmagic
Micro Studio Camera 4K



Blackmagic
Studio Camera



8K Video Camera

Innovative Camera Systems

PowerVision



INSPIRE 2



ZENMUSE X5S



DJI MFT 15mm F/1.7
ASPH Prime Lens



OSMO PRO /
OSMO RAW



PowerEye

Industrial Camera Systems

Photron Q technology



FASTCAM Multi



MEMRECAM MX M-CamMFT



QT5022-C8M43

Professional Camera Systems

JVCKENWOOD ASTRO KPI



GY-LS300CH



CM-9010-B



HORSEMAN TS-pro

Cinema Lenses

Tokina DZOFILM



11-20 T2.9 CINEMA LENS *1



LingLung
20-70mm T2.9 / 10-24mm T2.9

*1 The photo shows the PL-mount model. The appearance is different from the Micro Four Thirds model. For inquiries about Tokina 11-16 T3 Cinema lens, please contact KPI (Kenko Professional Imaging Co., Ltd.).

* These products also accept the use of lenses and cameras compliant with the Micro Four Thirds System. However, as there are functional restrictions with certain models, please consult the manufacturer of each product for details.

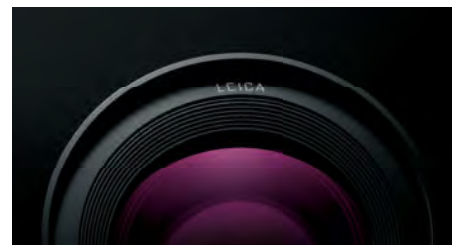
TRUSTED ZUIKO QUALITY

Zuiko Quality is a term we use to denote the stringent quality standards in lens polishing, lens element fabrication, assembly, measurement, and performance that have been passed on for decades. Only lenses which live up to these standards are released to the world bearing the brand name, M.Zuiko. M.Zuiko PRO lenses take that quality to another level, satisfying the needs of even the most demanding professional photographer.



LEICA
DG LENS

With their outstanding imaging capabilities, Lumix and Leica lens technologies deliver superb picture quality



LEICA DG Lens

Leica, the pioneer of compact camera systems, has long impressed professionals the world over with its lenses. Its worldwide fame as a manufacturer of precision optical devices is built on a constant stream of innovations and inventions that go back more than a century.

The LEICA DG lens designed for Panasonic's LUMIX G Series is another innovation made possible by LEICA's command of the latest technology in optics and mechanisms. Natural imaging performance with rich gradations throughout the image plane creates an extraordinary sense of texture – so real you can almost touch it. The result is extraordinary expressive power that will allow you to truly realize your creative vision.

Aspherical Lenses

To assure superior image quality while reducing size and weight, each LUMIX G / LEICA DG lens features a number of aspherical lenses that effectively prevent lens aberrations, such as spherical or distortion aberration. Each aspherical lens has the effect of several spherical lenses, so a higher magnification ratio can be achieved with fewer lenses. The result is smaller overall size and weight. Aspherical lenses are extremely difficult to produce, however, because they demand high dimensional accuracy. In the past this restricted the applicable lens shapes and materials, but Panasonic has made great strides in this area. Our Yamagata Plant began developing cutting-edge production technologies for molded lenses early on, and today the plant manufactures a wide variety of lenses, including concave lenses that have a large difference in thickness and measure a mere 0.3mm at the thinnest part. The aspherical lenses with superb image rendering ability produced at this plant are now in widespread use.

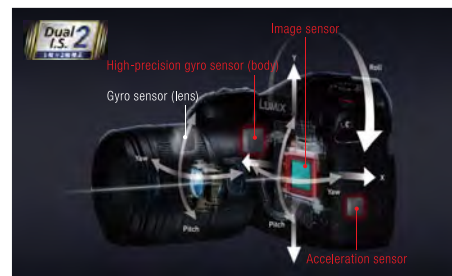


Image stabilization by interlocking the body and lens – Dual I.S.2 / Dual I.S.

With real-time interlocked control of the 5-axis Body Image Stabilization (B.I.S.) and the 2-axis Optical Image Stabilizer (O.I.S.), Dual I.S. offers powerful support for users who need blur-free high-definition images. While B.I.S. on its own has difficulty stabilizing telephoto side images as the focal length is increased, Dual I.S. is able to effectively stabilize the image in the medium telephoto range, as well as throughout the telephoto ranges by interlocking the five axes in the body and the two axes in the lens. Dual I.S.2 enhances image stabilization performance with the incorporation of a high-accuracy gyro sensor capable of more accurate camera shake detection than previously.

DRIVEN BY TINY INNOVATIONS

Olympus' world-leading DSA (Dual Super Aspherical) lens technology is what allows M.Zuiko PRO lenses to deliver outstanding image quality despite being so compact.

The ED-DSA lens, a DSA lens element made of ED (Extra-low Dispersion) glass, possesses the characteristics of both an ED lens element and a DSA lens element, contributing to an even more compact lens package while providing even better performance.



DEVELOPED FOR PERFORMANCE

The Olympus-original Dual VCM (Voice Coil Motor) focusing system is constructed with the focusing lens elements separated into two VCM groups that are simultaneously controlled to provide fast, accurate auto-focusing performance and excellent close-up shooting.



Z COATING NANO

Z Coating Nano is state-of-the-art antireflective coating which increases transmittance, drastically reduces ghosts and flares, and provides a clear and sharp image even in unfavourable backlit shooting conditions.



PRECISION OBSESSION

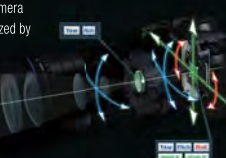
Olympus' extensive experience in advanced microscope development was applied to the creation of an ultra-high precision aberration measuring instrument, which plays a significant role in realizing the amazing image quality which M.Zuiko PRO lenses deliver. It can measure the precise characteristics of any lens and help design a lens with optimal aberration profiles.



STABILITY FOR ALL LENSES

Unlike conventional DSLR camera systems, the Olympus interchangeable lens camera system has its image stabilization (IS) system built into the camera body, providing beautifully stable images no matter what lens is used.

Sync IS, which delivers unprecedented camera shake compensation performance, is realized by combining the in-lens IS on compatible M.Zuiko PRO lenses with the in-body IS on compatible Olympus interchangeable lens cameras.



KNOW NO LIMITS

Designed to meet the needs of even the most adventurous pro-photographer, M.Zuiko PRO lenses are hermetically sealed in several locations for powerful protection against rain and dust.





Introducing Sigma's all-new DN series of lenses -the ultimate lenses for mirrorless interchangeable lens cameras

Mirrorless-camera-dedicated DN Lenses

Optimized for exclusive use with mirrorless cameras with short flange back, SIGMA's DN lens series was first introduced in early 2012 with the release of the SIGMA 30mm F2.8 EX DN and the SIGMA 19mm F2.8 EX DN, which both featured high performance, compact design, and quiet operation. In 2013, the SIGMA 60mm F2.8 DN I Art was added to the lineup. Now known as the Art line, the rejuvenated series included wide-angle, standard and medium-telephoto models. In 2016, SIGMA launched a new series, starting with the "standard" 30mm F1.4 DC DN I Contemporary which boasted a large F1.4 aperture combined with a streamline, compact profile. The Contemporary lineup was soon expanded with the "wide-angle" 16mm F1.4 DC DN I Contemporary in 2017 and the "medium-telephoto" 56mm F1.4 DC DN I Contemporary in 2018.

F1.4 DC DN lens with large-aperture

The high optical performance and compact, lightweight profile that defines the Contemporary line have been inherited by this new DN lens. Taking advantage of all the latest technologies, including the latest optical design, advanced techniques for correcting aberrations inside the camera, and quiet, fast auto focusing, this lens captures bright, exquisitely detailed images. And since the design also takes movie shooting into consideration, features like an optical design and a stepping motor compatible with movie AF enable smooth, natural auto focusing during movie shooting. The lens is also compatible with face- or eye-priority AF in the camera, making it possible to keep the subject's face or eyes in focus even when the subject moves during shooting. All of this in a compact, easy-to-operate design that offers F1.4 brightness, a generous defocusing effect and high image quality.

To offer excellent products

For evaluation of lens performance, the unique MTF test instrument A1* employing the 46-mega-pixel Foveon direct image sensor was developed. This has made it possible to inspect high-frequency components that were previously undetectable. All SIGMA products are subjected to the A1 100% inspection before shipment to ensure maximum performance. *A1 : Aizu 1

"Made in Japan"

All Sigma's manufacturing plant, everything right down to molds and parts is carried out under an integrated production system. We are now one of the very few manufacturers whose products are solely "made in Japan". We like to think our products are somehow imbued with the essence of our homeland, blessed as it is with clean air and water, and focused, hard-working people. We pride ourselves on the authentic quality of Sigma products, born of a marriage between highly attuned expertise and intelligent, advanced technology. Our sophisticated products have satisfied professionals and lovers of photography all over the world, because our manufacturing is based on genuine craftsmanship, underpinned by the passion and pride of our experts.



The "Lichtriesen" of Voigtlander – Nokton series



NOKTON 10.5mm F0.95



NOKTON 17.5mm F0.95



NOKTON 25mm F0.95 Type II



NOKTON 42.5mm F0.95

Four of the Voigtlander lenses are specifically designed for use on Micro Four Thirds-cameras.

They are real stars – the "Lichtriesen" of Voigtlander –

Serving as a so-called "standard lens", the Nokton F0.95 / 25mm provides pictures that correspond to the angle of view of the human eye.

Aperture is critical to the impression that people receive from a photograph.

The extremely fast F0.95 aperture makes it easy for you to capture stunning, crystal-clear images under virtually any conditions.

By using a shallow depth of field, you can create a series of different impressions from the same scene.

The superb bokeh of the Nokton makes the subject stand out for extraordinary overall results.

Video- and film-making enthusiasts will be especially impressed by the Selective Aperture Control System featured on Nokton Micro Four Thirds-lenses.

This enables smooth, stepless and noiseless changing of the aperture.

Another highlight of four lenses is the very short closest focusing distance.

At macro setting, coupled with the fast aperture, this gives you tremendous scope for image design.

With their large, fast aperture, these lenses are extremely bright, making them able to operate very effectively in low light.

With a Nokton lens, you'll suddenly find yourself seeking out difficult lighting conditions such as those at dawn or under heavy clouds, so that you can capture beautiful atmospheric images.

The outstanding manufacturing quality of these lenses puts them at the top of their class in every respect.

A smooth turning focus ring and click-response aperture ring reflect the high precision of our manufacturing process.



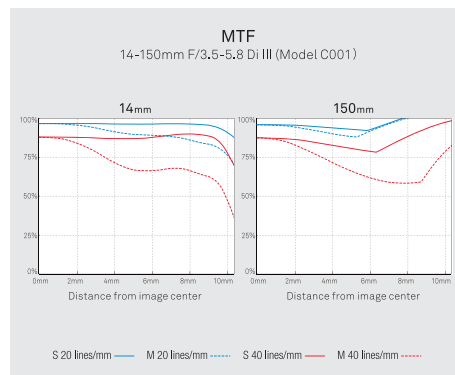
Tamron's constantly evolving high-magnification zoom lenses have finally arrived in the world of Micro Four Thirds

14-150mm F/3.5-5.8 Di III Model C001

The essence of Tamron technology in a compact, all-in-one™ zoom that minimizes aberrations and maximizes image quality

The optical design of Tamron 14-150mm includes one LD (Low Dispersion) glass element, two AD (Anomalous Dispersion) glass elements, two Molded-Glass Aspherical elements, and one Hybrid Aspherical element. This formula reduces aberrations to a bare minimum to achieve exceptional class-leading image quality. The 14-150mm zoom is the fruit of Tamron's 20+ years of experience in designing and manufacturing world-class all-in-one zoom lenses.

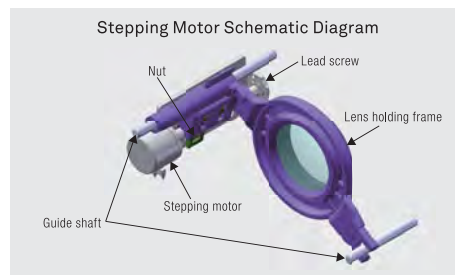
Building an impressive 10.7X zoom range into an ultra-compact lens body is made possible by adopting a more sophisticated multi-stack-cam layout. This advanced cam layout draws on Tamron's extensive engineering expertise, which is focused on innovative space-saving zoom cam structures.



A Stepping Motor for quick, quiet auto-focusing

The stepping motor provides fast, quiet, and comfortable autofocus. The stepping motor's actuator allows precise control of angular rotation, and since it drives the focusing mechanism directly without any intermediary reduction gear, it is also exceptionally quiet.

These features also give the lens a seamless, fluid auto-focusing action when shooting video.



Kowa Micro Four Thirds lenses – carrying on the tradition of the prestigious PROMINAR brand

PROMINAR – A half century of excellence –

Beginning with the Kalloflex Automat twin-lens reflex in 1954, Kowa Optical Works produced a succession of one-of-a-kind cameras for about 25 years, culminating with the Kowa Super 66. For over half a century that tradition of original design and advanced technology has been diligently maintained until finally reborn under the name of PROMINAR Micro Four Thirds lenses.



PROMINAR – Inherited design concept –

"To reproduce natural colors as they are seen by the human eye" – this is the key concept driving the design of Kowa PROMINAR lenses. Comprising XD (eXtra-low Dispersion) lens, high-precision aspherical lenses and a multilayer film coating, these lenses are able to capture brilliant images with extremely accurate color reproduction, crisp high resolution and the lowest possible distortion all the way to the edges.



PROMINAR – The quality of tradition –

Crafted individually by master artisans who fabricate each part individually, then carefully assemble and inspect them, these lenses are reminiscent of a bygone era. Metallic materials are painstakingly shaved to produce a lens with a luxurious texture that feels good to the touch and provides the precision response you would expect from a "made-in-Japan" product.



PROMINAR – Technologies leading the way to what's next –

The use of a 9-blade circular aperture diaphragm enables beautiful and natural defocusing effects appropriate to a PROMINAR lens. The aperture ring has a dual link iris system with click/silent switching capability compatible with both still picture and movie shooting.



Birger Engineering supports the use of Micro Four Thirds System and Four Thirds System lenses in "non-traditional applications".

Remote and Automated Control

Birger lens control systems enable the remote and automated control of low cost consumer and professional camera lenses. These control systems are utilized in the Machine Vision, Broadcast, Security, Surveillance and Entertainment markets. Closed loop control and feedback with a high degree of precision and repeatability for focus, aperture and zoom. Now supporting Micro Four Thirds System, and Four Thirds System lenses.

With the addition of a Birger controller, Micro Four Thirds lenses can be a perfect match for sensors and cameras that would typically be provided with a C-mount or CS-mount interface. Typically, the Four Thirds System lenses are faster, sharper, smaller, and more cost effective than photographic lenses designed for a larger image circle. Unlike lenses made specifically for these markets, Four Thirds System lenses with a Birger controller allow for complete automation of all aspects of image acquisition.

BEI Device Interface Software

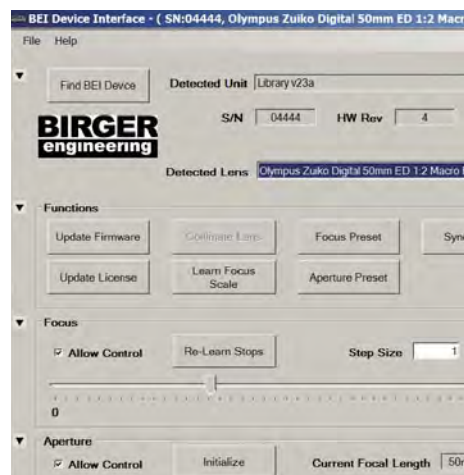
Control your lenses from a computer running Mac OS or Windows using the "BEI Device Interface Software". This is a free download from the Birger website.

Or, control your lenses using a simple command protocol that is the same, regardless of lens manufacturer or lens mount type. This Birger protocol is open, and insulates the user from any lens compatibility or lens platform differences.

Birger offers software updates free for the life of the platform.

"Any Lens. Any Camera."

Birger provides mechanical and electrical adapters for dozens of different camera types and industry standard interfaces. The connection to the computer controlling the adapter can be RS-232, USB, or Ethernet, allowing for control from as far as half a world away. The Birger command interface is supported by many of the world's leading Machine Vision camera companies. Now, without any additional software engineering work, these same companies can offer support for Micro Four Thirds System, and Four Thirds System lenses, with this new generation of controllers from Birger.



Lens lineup brings you the best of all brands

The Micro Four Thirds standard is an open standard supported by many manufacturers. This means you can enjoy a diverse product line that takes advantage of the strong points of each manufacturer.

Every lens and accessory introduced in this catalog can be freely combined with a Micro Four Thirds camera body*.

* The use of certain lenses and accessories may be subjected to functional restrictions. Please contact each manufacturer for details.

A popular web page enabling simulation of various combinations of Four Thirds/Micro Four Thirds lenses and camera bodies



Matching Simulation

- (1) Switches between five viewpoints – front, left/right side, rear and top views.
- (2) Lets you match flashes, converter lenses and hoods.
- (3) Combination with popular classic lenses also possible.
- (4) New products added as they become available. Discontinued products also available.

For details



Four Thirds Matching

Search

Information is also available via Twitter @fourthirds43





Specification

		Lens	Manufacturer	Color	35mm Equivalent Focal length	Splash-/ Dust-Proof	Motorized zoom	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 x Length (mm / in.)	Weight (g / oz.)	Lens Rear Cap (°): Optional	Lens Front Cap (°): Optional	Lens Hood (°): Optional	
Wide		M.ZUIKO DIGITAL ED 7-14mm F2.8 PRO	OLYMPUS	Black	14-28mm	-	-	-	14-11	114°-75°	7-blade aperture diaphragm	22	0.2 / 7.87	0.12x(0.24x)	-	φ78.9x105.8 / φ3.12x4.17	534 / 18.8	LR-2	LC-79	Build in	
		LUMIX G VARIO 7-14mm F4.0 ASPH.	Panasonic	Black	14-28mm	-	-	-	-	16-12	114°-75°	7-blade aperture diaphragm	22	0.25 / 9.84	0.08x(0.15x)	-	φ70xca.83.1 / φ2.76xca.3.27	ca.300 / ca.10.58	Available (DMR-LRC1)	Available	-
		LEICA DG VARIO-ELMARIT 8-18mm F2.8-4.0 ASPH.	Panasonic	Black	16-39mm	Yes	-	-	-	15-10	107°-62°	7-blade aperture diaphragm	22	0.23 / 9.06	0.12x(0.24x)	67	φ73.4xca.88 / φ2.89xca.3.46	ca.315 / ca.11.11	Available (DMR-LRC1)	Available (DMW-LFC67)	-
		M.ZUIKO DIGITAL ED 9-18mm F4.0-5.6	OLYMPUS	Black	18-36mm	-	-	-	-	12-8	100°-62°	7-blade aperture diaphragm	22	0.25 / 9.84	0.1x(0.2x)	52	φ56.5x49.5 / φ2.22x1.95 (when retracted)	155 / 5.5	LR-2	LC-52C	(LH-55B)
		LEICA DG VARIO-SUMMILUX 10-25mm F1.7 ASPH.	Panasonic	Black	20-50mm	Yes	-	-	-	17-12	94°-47°	9-blade aperture diaphragm	16	0.28 / 11.02	0.14x(0.28x)	77	φ87.6xca.128 / φ3.45xca.5.04	ca.690 / ca.24.34	Available (DMR-LRC1)	Available (DMW-LFC77)	Available
Standard		LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. MEGA O.I.S.	Panasonic	Black,Silver	24-64mm	-	-	Yes	8-7	84°-37°	7-blade aperture diaphragm	22	0.2 / 7.87 (at 12mm of focal length) 0.3 / 11.81 (at 32mm of focal length)	0.13x(0.26x)	37	φ55.5xca.24 / φ2.19xca.0.94 (when retracted)	ca.70 / ca.2.47	Available (DMR-LRC1)	Available (DMW-LFC37)	-	
		LUMIX G X VARIO 12-35mm F2.8 II ASPH. POWER O.I.S.	Panasonic	Black	24-70mm	Yes	-	Yes	14-9	84°-34°	7-blade aperture diaphragm	22	0.25 / 9.84	0.17x(0.34x)	58	φ67.6xca.73.8 / φ2.66xca.2.91	ca.305 / ca.10.76	Available (DMR-LRC1)	Available (DMW-LFC58)	Available	
		M.ZUIKO DIGITAL ED 12-40mm F2.8 PRO	OLYMPUS	Black	24-80mm	-	-	-	14-9	84°-30°	7-blade aperture diaphragm	22	0.2 / 7.87	0.3x(0.6x)	62	φ69.9x84 / φ2.74x3.31	382 / 13.47	Available (DMR-LRC1)	Available (DMW-LFC62)	LH-66	
		M.ZUIKO DIGITAL ED 12-45mm F4.0 PRO	OLYMPUS	Black	24-90mm	Yes	-	-	12-9	84°-27°	7-blade aperture diaphragm	22	0.12 / 4.72 (at 12mm of focal length) 0.23 / 9.0 (at 45mm of focal length)	0.25x(0.5x)	58	φ63.4x70 / φ2.5x2.76	254 / 8.96	LR-2	LC-58F	LH-61G	
		LEICA DG VARIO-ELMARIT 12-60mm F2.8-4.0 ASPH. POWER O.I.S.	Panasonic	Black	24-120mm	Yes	-	Yes	14-12	84°-20°	9-blade aperture diaphragm	22	0.2 / 7.87 (mm) 0.24 / 9.44 (in)	0.3x(0.6x)	62	φ70xca.86 / φ2.76xca.3.39	ca.320 / ca.11.29	Available (DMR-LRC1)	Available (DMW-LFC62)	Available	
		LUMIX G VARIO 12-60mm F3.5-5.6 ASPH. POWER O.I.S.	Panasonic	Black	24-120mm	Yes	-	Yes	11-9	84.05°-20.44°	7-blade aperture diaphragm	22	0.2 / 7.87 (mm) 0.25 / 9.84 (in)	0.27x(0.54x)	58	φ66xca.71 / φ2.60x2.80	ca.210 / ca.7.41	Available (DMR-LRC1)	Available (DMW-LFC58)	Available	
		M.ZUIKO DIGITAL ED 12-100mm F4.0 IS PRO	OLYMPUS	Black	24-200mm	Yes	-	Yes	17-11	84°-12°	7-blade aperture diaphragm	22	0.15 / 5.9 (at 12mm of focal length) 0.45 / 17.4 (at 100mm of focal length)	0.2x(0.6x) (at 12mm of focal length) 0.21x(0.42) (at 100mm of focal length)	72	φ77.5x116.5 / φ3.05x4.58	561 / 19.7	LR-2	LC-72C	LH-76B	
		M.ZUIKO DIGITAL ED 12-200mm F3.5-6.3	OLYMPUS	Black	24-400mm	Yes	-	-	16-11	84°-6.2°	7-blade aperture diaphragm	22	0.22 / 8.66 (at 12mm of focal length) 0.7 / 27.56 (at 200mm of focal length)	0.1x(0.2x) (at 12mm of focal length) 0.23x(0.46x) (at 200mm of focal length)	72	φ77.5x99.7 / φ3.05x3.93	465 / 16.05	LR-2	LC-72C (LC-72C)	LH-76C (LH-76B)	
		M.ZUIKO DIGITAL ED 14-42mm F3.5-5.6 EZ	OLYMPUS	Black,Silver	28-84mm	-	-	Yes	-	8-7	75°-29°	5-blade aperture diaphragm	22	0.2 / 7.87 (at 14mm of focal length) 0.25 / 9.84 (at 42mm of focal length)*	0.23x(0.46x)	37	φ60.6x22.5 / φ2.38x0.89 (when retracted)	285 / 9.2	LR-2	LC-37B (LC-37C)	-
		LUMIX G X VARIO PZ 14-42mm F3.5-5.6 ASPH. POWER O.I.S.	Panasonic	Black,Silver,White	28-84mm	-	-	Yes	Yes	9-8	75°-29°	7-blade aperture diaphragm	22	0.2 / 7.87 (at 14mm of focal length) 0.3 / 11.81 (at 42mm of focal length)	0.17x(0.34x)	37	φ61xca.26.8 / φ2.40xca.1.06	ca.95 / ca.3.4	Available (DMR-LRC1)	Available (DMW-LFC37)	-
Zoom		LUMIX G VARIO 14-42mm F3.5-5.6 II ASPH. MEGA O.I.S.	Panasonic	Black,Silver	28-84mm	-	-	-	Yes	9-8	75°-29°	7-blade aperture diaphragm	22	0.2 / 7.87 (at 14mm of focal length) 0.3 / 11.81 (at 42mm of focal length)	0.17x(0.34x)	46	φ56xca.49 / φ2.20xca.1.93	ca.110 / ca.3.88	Available (DMR-LRC1)	Available (DMW-LFC46)	Available
		LUMIX G VARIO 14-140mm F3.5-5.6 II ASPH. POWER O.I.S.	Panasonic	Black	28-280mm	Yes	-	Yes	14-12	75°-8.8°	7-blade aperture diaphragm	22	0.3 / 11.81 (at 14mm of focal length) 0.5 / 19.69 (at 140mm of focal length)	0.25x(0.5x)	58	φ67xca.75 / φ2.63xca.2.95	ca.265 / ca.9.35	Available (DMR-LRC1)	Available (DMW-LFC58)	Available	
		14-150mm F3.5-5.8 II (Model C001)	TAMRON	Black	28-300mm	-	-	-	17-13	75°-8.2°	7-blade aperture diaphragm	22	0.5 / 19.69	0.26x(0.52x)	52	φ63.5xca.80 / φ2.50x3.15	285 / 9.2	Available	Available	Available (Powerased lens hood)	
		M.ZUIKO DIGITAL ED 14-150mm F4.0-5.6 II	OLYMPUS	Black	28-300mm	Yes	-	-	15-11	75°-8.2°	7-blade aperture diaphragm	22	0.5 / 19.69	0.22x(0.44x)	58	φ63.5x83 / φ2.50x3.27	285 / 9.2	LR-2	LC-58F	LH-61C	
		LUMIX G X VARIO 35-100mm F2.8 II POWER O.I.S.	Panasonic	Black	70-200mm	Yes	-	Yes	18-13	34°-12°	7-blade aperture diaphragm	22	0.85 / 33.46	0.1x(0.2x)	58	φ67.4xca.99.9 / φ2.66xca.3.93	ca.357 / ca.12.5	Available (DMR-LRC1)	Available (DMW-LFC58)	Available	
		LUMIX G VARIO 35-100mm F4.0-5.6 ASPH. MEGA O.I.S.	Panasonic	Black,Silver	70-200mm	-	-	-	12-9	34°-12°	7-blade aperture diaphragm	22	0.9 / 35.43	0.11x(0.22x)	46	φ55.5xca.50 / φ2.19xca.1.97 (when retracted)	ca.135 / ca.4.76	Available (DMR-LRC1)	Available (DMW-LFC46)	Available	
		M.ZUIKO DIGITAL ED 40-150mm F2.8 PRO	OLYMPUS	Black	80-300mm	Yes	-	-	16-10	30°-8.2°	9-blade aperture diaphragm	22	0.7 / 27.56	0.21x(0.42x)	72	φ79.4x160 / φ3.13x6.30	760 / 26.8+1	LR-2	LC-72C	LH-76	
		M.ZUIKO DIGITAL ED 40-150mm F4.0-5.6 R	OLYMPUS	Black,Silver	80-300mm	-	-	-	13-10	30°-8.2°	7-blade aperture diaphragm	22	0.9 / 35.43	0.16x(0.32x)	58	φ63.5x83 / φ2.50x3.27	190 / 6.7	LR-2	LC-58F	(LH-61D)	
		LUMIX G X VARIO 45-150mm F4.0-5.6 ASPH. MEGA O.I.S.	Panasonic	Black,Silver	90-300mm	-	-	Yes	12-9	27°-8.2°	7-blade aperture diaphragm	22	0.9 / 35.43	0.17x(0.35x)	52	φ62xca.73 / φ2.44xca.2.87	ca.200 / ca.7.05	Available (DMR-LRC1)	Available (DMW-LFC52)	Available	
		LUMIX G X VARIO PZ 45-175mm F4.0-5.6 ASPH. POWER O.I.S.	Panasonic	Black,Silver	90-350mm	-	-	Yes	14-10	27°-7.1°	7-blade aperture diaphragm	22	0.9 / 35.43	0.2x(0.4x)	46	φ61.6xca.90 / φ2.43xca.3.54	ca.120 / ca.7.41	Available (DMR-LRC1)	Available (DMW-LFC46)	Available	
Telephoto		LUMIX G VARIO 45-200mm F4.0-5.6 II POWER O.I.S.	Panasonic	Black	90-400mm	Yes	-	Yes	16-13	27°-6.2°	7-blade aperture diaphragm	22	1.0 / 39.4	0.19x(0.38x)	52	φ70xca.100 / φ2.76xca.3.94	ca.370 / ca.13	Available (DMR-LRC1)	Available (DMW-LFC52)	Available	
		LEICA DG VARIO-ELMARIT 50-200mm F2.8-4.0 ASPH. POWER O.I.S.	Panasonic	Black	100-400mm	Yes	-	Yes	21-15	24°-6.2°	7-blade aperture diaphragm	22	0.75 / 29.53	0.25x(0.5x)	67	φ76xca.132 / φ2.99xca.5.20	ca.655 / ca.23.1	Available (DMR-LRC1)	Available (DMW-LFC67)	Available	
		M.ZUIKO DIGITAL ED 75-300mm F4.8-6.7 II	OLYMPUS	Black	150-600mm	-	-	-	18-13	16°-4.1°	7-blade aperture diaphragm	22	0.9 / 35.43 (at 75mm of focal length) 1.5 / 59.69 (at 300mm of focal length)	0.18x(0.36x)	58	φ69x116.5 / φ2.72x4.59	423 / 14.92	LR-2	LC-58F	(LH-61E)	
		LUMIX G VARIO 100-300mm F4.0-5.6 II POWER O.I.S.	Panasonic	Black	200-600mm	Yes	-	Yes	17-12	12°-4.1°	7-blade aperture diaphragm	22	1.5 / 59.06	0.21x(0.42x)	67	φ73.6xca.126 / φ2.90xca.4.96	ca.520 / ca.18.3	Available (DMR-LRC1)	Available (DMW-LFC67)	Available	
		LEICA DG VARIO-ELMAR 100-400mm F4.0-6.3 ASPH. POWER O.I.S.	Panasonic	Black	200-800mm	Yes	-	Yes	20-13	12°-3.1°	9-blade aperture diaphragm	22	1.3 / 51.18 (mm) 5.0 / 196.85 (in)	0.25x(0.5x)	72	φ83xca.171.5 / φ3.27xca.6.75	ca.985 / ca.34.7	Available	Available	Available	
		LAOWA 4mm F2.8 Fisheye MFT	LAOWA	Black	8mm	-	-	-	7-6	210°*	7	16	0.08 / 3.15	0.11x(0.22x)	-	φ45.2x25.5 / φ1.78x1.00	ca.135 / ca.4.76	Available	Available	Available	
		LAOWA 7.5mm F2 MFT	LAOWA	Black	15mm	-	-	-	13-9	110°*	7	22	0.12 / 4.72	0.11x(0.22x)	46	φ50x55 / φ1.97x2.17	ca.170 / ca.6	Available	Available	Available (Powerased lens hood)	
		M.ZUIKO DIGITAL ED 8mm F1.8 Fisheye PRO	OLYMPUS	Black	16mm	Yes	-	-	17-15	180°*	7-blade aperture diaphragm	22	0.12 / 4.72	0.2x(0.4x)	-	φ62x80 / φ2.44x3.15	315 / 11.1	LR-2	LC-62E	Build in	
		LUMIX G FISHEYE 8mm F3.5	Panasonic	Black	16mm	-	-	-	10-9	180°*	7-blade aperture diaphragm	22	0.1 / 3.96	0.2x(0.4x)	22x22	φ60.7xca.51.7 / φ2.39xca.2.04	ca.165 / ca.5.82	Available (DMR-LRC1)	Available	-	
		KOWA PROMINAR 8.5mm F2.8	Kowa	Black	17mm	-	-	-	17-14	106°*	9-blade aperture diaphragm	16	0.2 / 7.87	0.08x(0.16x)	86	φ71.5x86.8 / φ2.81x3.41	440 / 15.52	Available	Available	Available	
Wide		LAOWA 9mm F2.8 ZERO-D MFT	LAOWA	Black	18mm	-	-	-	15-10	100°*	7	22	0.12 / 4.72	0.13x(0.26x)	49	φ60x53 / φ2.36x2.09	ca.193 / ca.6.81	Available	Available	Available (Powerased lens hood)	
		NOKTON 10.5mm F0.95 Aspherical	Voigtlander	Black	21mm	-	-	-	13-10	93°*	10	16	0.17 / 6.69	0.12x(0.24x)	72	φ77x82.4 / φ3.03x3.24	585 / 20.6	Available	Available	Available	
		LEICA DG SUMMILUX 12mm F1.4 ASPH.	Panasonic	Black	24mm	Yes	-	-	15-12	84°*	9-blade aperture diaphragm	16	0.2 / 7.87	0.1x(0.2x)	62	φ70xca.70 / φ2.75xca.2.75	ca.335 / ca.11.8	Available	Available (DMW-LFC62)	Available	
		KOWA PROMINAR 12mm F1.8	Kowa	Black	24mm	-	-	-	12-10	86.8°*	9-blade aperture diaphragm	22	0.2 / 7.87	0.1x(0.2x)	72	φ76.4x90.5 / φ3.01x3.56	475 / 16.76	Available	Available	Available	
		M.ZUIKO DIGITAL ED 12mm F2.0	OLYMPUS	Black,Silver	24mm	-	-	-	11-8	84°*	7-blade aperture diaphragm	22	0.2 / 7.87	0.08x(0.16x)	46	φ56x43 / φ2.20x1.69	130 / 4.6	LR-2	LC-46 (LC-48B)	(LH-48)	
		LUMIX G 14mm F2.5 II ASPH.	Panasonic	Black,Silver	28mm	-	-	-	6-5	75°*	7-blade aperture diaphragm	22	0.18 / 7.09	0.1x(0.2x)	46	φ55.5xca.20.5 / φ2.19xca.0.81	ca.55 / ca.1.9	Available (DMR-LRC1)	Available (DMW-LFC46)	-	
		LEICA DG SUMMILUX 15mm F1.7 ASPH.	Panasonic	Black,Silver	30mm	-	-	-	9-7	72°*	7-blade aperture diaphragm	22	0.2 / 7.87	0.1x(0.2x)	46	φ57.5xca.36 / φ2.26xca.1.42	ca.115 / ca.4.06	Available (DMR-LRC1)	Available (DMW-LFC46)	Available	
		SIGMA 16mm F1.4 DC DN Contemporary	SIGMA	Black	32mm	-	-	-	16-13	68.1°*	9-blade aperture diaphragm	16	0.25 / 9.84	0.1x(0.2x)	67	φ72.2x91.1 / φ2.84x3.59	395 / 13.9	LRC II	LCF III 67	LH716-01	
		M.ZUIKO DIGITAL ED 17mm F1.2 PRO	OLYMPUS	Black	34mm	Yes	-	-	15-11	65°*	7-blade aperture diaphragm	16	0.2 / 7.87	0.15x(0.3x)	62	φ68.2x87 / φ2.69x3.43	390 / 13.76	LR-2	LC		