

PRESSRELEASE

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PRO f/1.2 Prime Lens Series Announcement – 17mm f/1.2 and 45mm f/1.2

Offering weather sealing, feathered bokeh and outstanding optical resolution



m.ZUIKO PRO 17mm f1.2



m.ZUIKO PRO 45mm f1.2

SYDNEY – 26 October 2017

Olympus Australia is pleased to announce the M.Zuiko PRO series M.Zuiko Digital ED 17mm f/1.2 PRO (35mm equivalent: 34mm) and M.Zuiko Digital ED 45mm f/1.2 PRO (35mm equivalent: 90mm). The two new PRO Prime Lenses conform to the Micro Four Thirds System standard and deliver beautiful feathered bokeh at their maximum f/1.2 aperture and outstanding optical resolution. These two new lenses join the already available M.Zuiko Digital ED 25mm f/1.2 PRO (35mm equivalent: 50mm) to form a formidable line-up PRO grade f/1.2 prime lenses.

The two new f/1.2 series lenses were developed with the similar design philosophies as the currently available M.Zuiko Digital ED 25mm f/1.2 PRO. This design philosophy delivers a new level of three-dimensionality achieved by delivering both beautiful feathered bokeh at maximum aperture of f/1.2 and outstanding resolution.

Optical breakthroughs from Olympus' optical R&D focused on not only the size but also the aesthetics of the bokeh, making main subjects, such as people, stand out in a truly magnificent way. Unlike many large-aperture, single-focal-length lenses, generally used for portraits, this f/1.2 prime lens series offers a unique value of a smoother feathered bokeh as well as high resolution.

Feature Highlights

1. Incredible depictive performance delivering both beautiful feathered bokeh and outstanding resolution.
2. F1.2 Aperture
3. Fast and high-precision AF
4. Excellent mobility with a compact, lightweight construction and dustproof, splashproof and freezeproof (-10°) performance
5. Filter diameter of $\phi 62$ mm

In a advantage to not just stills photographers, but also videographers, the new lenses complete a series where characteristics of the feathered bokeh are shared across the three lenses. Thus resulting in a series that allows for consistency of feathered bokeh across differing focal lengths. Additionally, location and physical size of focusing rings are similar across the range allowing for easier setups of complex manual focusing mechanisms suited to videography when the manual focusing clutch is engaged.

¹ DSA (Dual Super Aspherical) lens features an extremely large thickness ratio between the centre and the periphery.

Pricing, Colours & Availability



m.ZUIKO PRO 17mm f1.2



m.ZUIKO PRO 45mm f1.2

The m.ZUIKO PRO 17mm f1.2 will be available from mid-January 2018 RRP from \$1,799 AUD / \$2,099 NZD

The m.ZUIKO PRO 45mm f1.2 will be available from mid-November 2017 RRP from \$1,799 AUD / \$2,099 NZD

About Olympus

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The Olympus consumer range encompasses still and video imaging products, binoculars and digital audio recorders.

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Main Features

1. Incredible depictive performance delivering both beautiful feathered bokeh and outstanding resolution.

Feathered bokeh refers to a bokeh style where bokeh transitions smoothly from the in-focus to the out-of-focus, providing a smoother overall background bokeh, and thus making the subject stand out more beautifully. In order to achieve feathered bokeh, a newly developed aberration measuring instrument was utilised to measure defocusing at the aberration level. This ultra-high precision aberration measurement instrument was developed due to Olympus' extensive experience in advanced optical microscopy technology to accurately measure aberrations, helping in the development of lenses that optimise aberration levels, whilst minimising unwanted aberrations in the lens to ensure beautiful quality bokeh.

A Newly developed ED-DSA lens element is included on the M.Zuiko Digital ED 17mm f/1.2 PRO. The ED-DSA lens possesses the characteristics of both ED (Extra-low Dispersion) and DSA lens¹ elements, of which Olympus was the first manufacturer to successfully mass produce. The ED-DSA lens makes it possible to significantly reduce the number of required lens elements, resulting in a lighter product. This construction also effectively compensates for various types of aberrations that tend to occur on wide-angle lenses, such as comatic aberration, distortion, and colour bleeding on the image periphery (magnified chromatic aberration). Extensive use of special lenses incorporated into 15 elements in 11 groups makes outstanding imaging performance possible.

The M.Zuiko Digital ED 45mm f/1.2 PRO also contains 3 optimally placed and bonded lens elements including one ED lens, which effectively compensate for out-of-focus colour bleeding (axial chromatic aberration), a common problem on large-aperture lenses, as well as peripheral colour bleeding (magnified chromatic aberration). The extensive use of special lenses incorporated into 14 elements in 10 groups results in excellent optical performance that delivers feathered bokeh effects and accurate detail reproductions, even at the widest aperture setting.

Both lenses use the same Z Coating Nano technology as on the M.Zuiko Digital ED 25mm f/1.2 PRO for sharp, clear image quality that significantly reduces ghosts and flares that tend to occur in backlit shots.

2. Fast and high-precision AF

Both lenses are equipped with an MSC (Movie and Still Compatible) mechanism. Even though these are large-aperture lenses, a lightweight focusing unit allows quiet and high-speed focusing. Most importantly, there are no limitations on AF performance with CSC cameras, as is typical with DSLR cameras when a fast speed lens is used. The 121 point all-cross type On-chip Phase Detection AF sensor provides wide-range, high-precision coverage of subjects even when using a large-aperture f/1.2 lens with the OM-D E-M1 Mark II. Using Face Priority or Eye Priority AF, which are highly regarded by professional portrait photographers, brings out the true power of these large aperture lenses.



m.ZUIKO PRO 17mm f1.2
Half Cut



m.ZUIKO PRO 17mm f1.2
+ OM-D E-M1 Mark II



m.ZUIKO PRO 17mm f1.2
+ PEN-F

Main Features continued

3. Excellent mobility with a compact, lightweight construction and dustproof, splashproof and freezeproof (-10°) performance

Our amazingly compact, lightweight system provides unrivalled mobility with the f/1.2 prime lens series. The same operability is realised by making the overall length and the maximum diameter almost the same size. A convenient, uniform lens filter diameter across the three f/1.2 lenses allows the photographer to use the same lens filters such as ND filters and PL filters. The f/1.2 prime lens series also features reliable dustproof, splashproof and freezeproof (-10°C) performance use of the M.Zuiko PRO series in adverse weather conditions.



m.ZUIKO PRO 45mm f1.2
Half Cut

Other Features

1. Excellent close-up shooting

The M.Zuiko Digital ED 17mm f/1.2 PRO has a closest focusing distance of 20 cm and a maximum image magnification of 0.15x (35mm equivalent: 0.3x), while the M.Zuiko Digital ED 45mm f/1.2 PRO has a closest focusing distance of 50 cm and a maximum image magnification of 0.1x (35mm equivalent: 0.2x). This gives these two lenses the same top class close-up shooting abilities as the M.Zuiko Digital ED 25mm f/1.2 PRO.

2. Design

These lenses were designed with the high level professional photographers and videographers in mind. The focusing ring placed at the front of the lens makes focusing easier when paired with the large grip of the OM-D E-M1 Mark II. Keeping the L-Fn button on a gently curving surface makes it easy to access. By placing the manual focus rings in almost the same position across all three f/1.2 lenses, videographers utilising follow focusing systems will appreciate the ability to change lenses without requiring additional adjustments to their follow focus. The MF Clutch mechanism makes it possible to instantly switch between auto and manual focusing mode by pulling the focusing ring providing both a distance scale and hard stops at the closest focusing distance and beyond infinity.



m.ZUIKO PRO 45mm f1.2
+ OM-D E-M1 Mark II



m.ZUIKO PRO 45mm f1.2
+ PEN-F

Accessories

Lens Cap, LC-62F (bundled)

Lens cap for lenses with a filter diameter of $\phi 62$ mm. In addition to the ability to remove the lens even when the lens hood is still attached, the lens cap design is to remove easily.



LC-62F Lens Cap

Lens Case, LSC-0811 (bundled)

A three-layer construction purse-string type lens case which securely protects the lens. The lens can be stored in the case with the lens cap, protection filter, and lens hood (stored) attached to the lens.



LSC-0811 Lens Case

Lens Hood, LH-66C (bundled)

A lens hood specifically designed for the M.Zuiko Digital ED 17mm f/1.2 PRO lens. This hood reduces unnecessary light entering the lens when shooting in backlit conditions. The hood release lock button features a non-protruding design that prevents the hood from coming off when accidentally bumping the button during carrying.



LH-66C Lens Hood

Lens Hood, LH-66B (bundled)

A lens hood for use with the M.Zuiko Digital ED 25mm f/1.2 PRO and the M.Zuiko Digital ED 45mm f/1.2 PRO. This hood reduces unnecessary light entering the lens when shooting in backlit conditions. The hood release lock button features a non-protruding design that prevents the hood from coming off when accidentally bumping the button during carrying.



LH-66B Lens Hood

Protection Filter, ZUIKO PRF-ZD62 PRO

This protection filter maximises the abilities of M.Zuiko PRO lenses bearing the Zuiko name. It features ZERO coating, which cuts reflection by approximately half compared to conventional multicoating, black edged glass, and a satin finished black anodised aluminum frame for a matte surface that suppresses reflections.



PRF-ZD62 PRO Filter