

PRESSRELEASE

24.01.2019

Olympus OM-D E-M1X Interchangeable Lens Camera

A camera that provides professionals with absolute confidence



SYDNEY – 24 January 2019

Olympus Australia is pleased to announce the OM-D E-M1X. An addition to the Olympus OM-D line-up, this new professional model offers the ultimate combination of professional reliability, innovation and system mobility. Featuring the world's highest¹ image stabilisation performance with approximately 7.5 shutter speed steps of compensation, high-speed burst shooting up to 60fps and a new auto focus system with intelligent subject detection, the E-M1X enables photographers to capture split-second images beautifully.

To meet the needs of the most demanding photographer ergonomics are at the forefront of the E-M1X design. An integrated vertical grip provides secure hold whilst maintaining system mobility through the Micro Four Thirds system design architecture. The OM-D E-M1X allows for quick operation through the viewfinder with a tactile button design that allows the photographer to easily change settings whilst shooting. This camera also includes two TruePic VIII image processors for stunning images and 4K video with OM-Log400 colour grading in post-production.

Pairing the OM-D E-M1X with the versatile, excellent image quality of the M.Zuiko lens line-up, including fisheye, super wide-angle, super-telephoto, and macro lenses, this compact, lightweight, high image quality camera system shows its true abilities in scenes where portability is essential, such as in sports and wildlife photography. The new Olympus OM-D E-M1X expands the OM-D camera line-up for professionals, positioned along-side the E-M1 Mark II which has received high praise for its high-speed, performance, mobility and excellent image quality.

Feature Highlights

1. Integrated vertical grip delivers secure holding and high operability
2. Comfortable AF system with the AF multi selector and All-cross-type On-chip Phase Detection AF sensor
3. Intelligent Subject Detection auto focus technology
4. Live ND Technology
5. Pro Capture mode² and 60 fps high-speed sequential shooting³ ensure photographers never miss a shot
6. Double TruePic VIII image processors provide high-speed responsiveness and Handheld High Res Shot
7. The world's highest image stabilisation performance approximately 7.5 shutter speed steps of compensation result in excellent image quality
8. 5.4Ghz Wi-Fi tethering to PC or Mac
9. Impressive video capabilities with 4K & C4K
10. New OM-Log400 for post production video editing

Key Features

I. Ergonomic Design for Professional Photographers

Excellent grip whether held horizontally or vertically

To meet demands of professional users this model features an integrated vertical grip design, delivering an improved hand hold with a deep finger rest whether holding the camera horizontally or vertically, and an ergonomic design that reduces fatigue when shooting for long periods of time.

Optimal portability for viewfinder shooting

The layout, shape, and height of all buttons and levers have been completely redesigned to deliver controls that enable users to concentrate on shooting with the viewfinder. A multi selector is included in both the horizontal and vertical positions so that users can quickly shift focus areas while looking through the viewfinder. A new C-LOCK lever is included for locking the controls in the vertical position and locking selected controls only.

High magnification, high-speed viewfinder

The viewfinder features a new optical design with class-leading viewfinder magnification of 0.83x (35mm equivalent). The four-element configuration with aspherical lenses and lenses with a high reflective index enable clear, distortion-free display right up to the edge of the viewfinder. As with OM-D E-M1 Mark II, a 120 fps (progressive system) high-speed frame rate and a mere 0.005 second display time lag are offered for stress-free moving subject photography.

Even further advanced durability and reliability

The weather sealing on OM-D E-M1X has been tested by Olympus' rigorous in-house splash proof tests to beyond the industry standard IPX1 testing, to ensure the camera meets the needs of professional photographers no matter what conditions they find themselves in. Dust, splash, and freeze proof (-10°C) performance is maintained when connected to the remote cable, microphone, and headphone jacks. The SSWF (Super Sonic Wave Filter) which vibrates at 30,000 times per second to remove dust and dirt from the sensor features a new coating to further reduce the possibility of dust or dirt by an additional 10% compared to previous models. The construction of the E-M1X is designed to put photographer's mind at ease with a shutter capable of 400,000 times⁴ actuations and the ability to dissipate heat when shooting movies and during sequential shooting in very hot conditions which can typically cause the temperature to rise and limit functionality.

High-capacity battery

The OM-D E-M1X is equipped with a cartridge battery insertion system with the capacity for two BLH-1 lithium-ion batteries (used also on the OM-D E-M1 Mark II). Users can capture up to approximately 870 shots⁵ and easily replace the batteries even when the camera is attached to a monopod or tripod. This is also the first camera in the world⁵ to support USB PD (power delivery), and power supply to the camera from a maximum 100 W USB PD standard power source. This makes it possible to charge the two BLH-1 batteries in the camera body in approximately two hours.



II. Comfortable AF System Thanks to the AF Multi Selector with All-cross-type On-chip Phase Detection AF Sensor

Quickly shift the AF area with a multi selector

A multi selector is included in both the horizontal and vertical positions on the OM-D E-M1X so that users can quickly shift the AF area while looking through the viewfinder. This feature makes it possible to smoothly shift AF areas during sequential shooting and video recording.

121-point All-cross-type On-chip Phase Detection AF sensor for greater freedom over composition

The popular 121-point All-cross-type On-chip Phase Detection AF sensor from the OM-D E-M1 Mark II has also been adopted in this model for accurate and greater freedom over focusing in various compositions. Olympus On-chip Phase Detection AF delivers not only Live View images, but also utilizes AF information from recorded images to enable quick tracking of unpredictable subject movement and changes in subject speed. The AF low light limit when an F1.2 lens is attached⁷ is -6 EV, for high-precision focusing in both dark scenes and low-contrast subjects.

Various AF modes

Various AF modes are available on the OM-D E-M1X to meet the needs of pro photographers, including AF Target mode and AF area position settings when holding the camera vertically or horizontally, turning the focusing ring in C-AF AF to instantly switch to manual focus using C-AF+MF, etc. The new 25-point group target and custom AF target been added in AF Target settings to allow the photographer greater control over the AF size and shape of the AF area.

III. Pro Capture Mode and 60 fps High-Speed Sequential Shooting Ensure Photographers Never Miss a Shot

60 fps high-speed sequential shooting at 20.4 million effective pixel and RAW recording

This model features high-speed sequential shooting at a maximum of approximately 60 fps for capturing scenes in high definition that the human eye cannot see. The 60 fps high-speed sequential shooting and maximum approximate 18 fps AF/AE tracking high-speed sequential shooting can both be used in silent mode for shooting at concerts and sporting events where users do not want to disturb others with the sound of the shutter.

Pro Capture Mode - no blackouts, RAW shooting support

Pro Capture Mode records up to 35 frames retroactively from when the shutter button is released with no blackouts (image loss) during shooting, recording at 20 million pixels and offers support for RAW mode. This feature has received high praise from pro photographers since its introduction on the OM-D E-M1 Mark II and is effective for capturing artistic shots of subjects that move unpredictably.

IV. Double TruePic VIII Image Processors Provide High-Speed Responsiveness and Handheld High Res Shot

Double TruPicVIII high-speed image processors

This design enables quicker start-up times, recovery from sleep mode and two high-speed UHS-II SD card slots for overall high-speed responsiveness. This not only contributes to a faster camera, but also enables the latest shooting functions such as Handheld High Res Shot, Live ND, and Intelligent Subject Detection AF.

Handheld High Res Shot - long awaited by landscape photographers

In addition to ultra high-resolution maximum 80M⁸ images that can be captured in Tripod High Res Shot, Handheld High Res Shot is now available on the OM-D E-M1X, due to many requests from landscape photographers. This feature is particularly useful for capturing high-definition shots in locations where it is impossible to use a tripod, such as when moving from place to place while hiking.

Live ND delivers slow shutter speed effects

Live ND is included on the OM-D E-M1X for slow shutter speed effects as though using an ND filter. This new technology combines multiple exposed images to attain slow shutter effects. It is also possible to check the slow shutter effects in the viewfinder before shooting for improved efficiency. Effects can be set in five levels: ND2 (equivalent to one shutter speed step), ND4 (2 steps), ND8 (3 steps), ND16 (4 steps), and ND32 (5 steps).

Intelligent Subject Detection AF developed through deep learning technology

Deep learning, a type of Artificial Intelligence (AI), was utilised to develop the algorithms in this function. It detects three different types of subjects, including motorsports, airplanes, and trains, focusing on and tracking the optimal area. For example, it sets a pinpoint focus on the driver's helmet during motorsports, automatically detecting the subject, enabling improved autofocus precision so users can focus on the composition.

V. The World's Highest Image Stabilisation Performance Approximately 7.5 Shutter Speed Steps of Compensation Result in Excellent Image Quality

The highest image stabilisation compensation performance when combined with M.Zuiko Digital ED 12-100mm F4.0 IS PRO

The OM-D E-M1X's new gyro sensor enables 5-axis sync IS, which delivers a maximum of approximately 7.0 shutter speed steps of compensation performance⁹ when using the body alone, and the world's highest approximately 7.5 shutter speed steps of compensation when combined with the M.Zuiko Digital ED 12-100mm F4.0 IS PRO lens. This feature makes handheld shooting possible at lower shutter speeds than ever before, which is perfect for night-time and indoor shooting.

Additional Key Features

Equipped with the Field Sensor System and built-in GPS for adding location information to images

The OM-D E-M1X contains a built-in GPS sensor, temperature sensor, manometer and compass, collectively known as 'field sensors'. In addition to location information such as longitude and latitude, these sensors detect and record the temperature, elevation, and direction of the camera for adding detailed shooting information to images.

Anti-flicker shooting and flicker scan

With anti-flicker shooting, the camera detects the flicker frequency of artificial light sources such as fluorescent lighting and activates the shutter at peak brightness to do away with uneven exposures and uneven colouring between sequential frames. Flicker scan suppresses striped patterns that can occur when using Silent Mode (electronic shutter) and when shooting movies, so that users can fine tune the shutter speed.

Olympus Capture supports wireless image transfer

Olympus Capture camera control software now supports transfer of recorded images over Wi-Fi. This new feature makes it possible to transfer images wirelessly to a computer when shooting in the studio without connecting a USB cable. Both 2.4 GHz and high-speed communication 5 GHz bandwidths are available. For details, see the Olympus Capture website.

Both handheld 4K and cinema 4K are supported

The powerful 5-axis IS and electronic stabilisation enable refined handheld 4K and cinema 4K video recording. Image stabilisation effect can be selected from three levels depending on the photographer's posture and movement.

OM-Log400 shooting for situations where lighting conditions change easily

The OM-D E-M1X supports OM-Log400 shooting, which allows for shooting without loss of details in shadows and highlights, and without blowouts, along with post production colour grading for a high degree of freedom over video.

High-speed movie (120 fps) compatibility

120 fps high-speed movies are now supported in Full HD. Slow-motion playback can make for more impressive imaging expressions.

Olympus Workspace image management software

This image management software delivers authentic image viewing and editing functions. RAW processing preview speed is now faster to streamline the post-shooting workflow. The rating function has also been improved for speedy selection of the best shots from large collections of images. A multi-window environment is now supported along with other comfortable controls for a more satisfying work process. Olympus Workspace can be downloaded free of charge for users who own an Olympus camera. For details, see the Olympus Workspace website.

Pricing, Colours & Availability



Black

The OM-D E-M1X will be available from late February 2019.

RRP: \$4,499 AUD / \$5,169 NZD

About Olympus

Olympus Australia Pty Ltd is a subsidiary of Olympus Corporation, headquartered in Japan. Olympus Australia Consumer Division is responsible for the marketing and distribution of Olympus consumer products in Australia and New Zealand, and through Olympus agents and dealers in Papua New Guinea, Tahiti and the South Pacific region.

The Olympus consumer range encompasses still and video imaging products, binoculars and digital audio recorders. Your Vision, Our Future. olympus.com.au

For further information or high-resolution images please contact:

Olympus Australia

Natalie Nguyen

(02) 9886 3992

consumer.marketing@olympus.com.au

¹ Lens used: M.Zuiko Digital ED 12-100mm F4.0 IS PRO, at a focal distance of 100mm (35mm equivalent: 200mm), halfway release image stabilisation: Off, conforms to CIPA standards, when corrected on 2 axes (Yaw and Pitch), current as of January 24, 2019.

² During Pro Capture shooting, the shutter speed is limited to the maximum speed (1 fps or higher) and the flash is disabled.

³ AF and AE locked at first frame. Maximum of 18 fps during AF, AE link.

⁴ According to Olympus tests.

⁵ When using two BLH-1 batteries. Shooting with a Toshiba SDXU-D032G, IS on, flash not attached, CIPA testing standards. When using power saving shooting mode, Olympus testing conditions show approximately 2,580 shots based on CIPA testing standards.

⁶ Current on interchangeable lens cameras that are on sale as of January 24, 2019.

⁷ Lens used: M.Zuiko Digital ED 17mm F1.2 IS PRO, M.Zuiko Digital ED 25mm F1.2 IS PRO, and M.Zuiko Digital ED 45mm F1.2 IS PRO.

⁸ Up to 80M (50M for Handheld High Res Shot) supported during RAW shooting. Images must be processed using compatible software such as Olympus Workspace.

⁹ Lens used: M.Zuiko Digital ED 12-40mm f2.8 PRO, at a focal distance of 40mm (35mm equivalent: 80mm). Conforms to CIPA standards, when corrected on 2 axes (Yaw and Pitch), current as of January 2019.

¹⁰ Firing angle of 75 mm / standard light distribution mode, ISO 100/m.

¹¹ Batteries may not withstand lower temperatures. In such environments, keep batteries warm prior to use.

¹² When using rechargeable nickel-metal hydride (Ni-MH) batteries. Approximately 2.5 s when using alkaline batteries.

¹³ Only when using OM-D E-M1X and OM-D E-M1 Mark II mechanical shutter. At a firing ratio of 1/16.

Company names and product names contained in this release are trademarks or registered trademarks of their respective companies.