

January 24, 2019

**Olympus OM-D E-M1X Interchangeable Lens Camera
Compact, Lightweight OM-D System Designed for Professionals**

Olympus Corporation (President: Hiroyuki Sasa) is pleased to announce the Olympus OM-D E-M1X, scheduled to go on sale on February 22, 2019. This compact, lightweight interchangeable lens camera achieves high-quality images while conforming to the Micro Four Thirds System standard. This new professional model incorporates an integrated vertical grip, providing secure holding and high operability, and offers the world's highest ¹ image stabilization performance approximately 7.5 shutter speed steps of compensation, fulfilling photographers' expectations for capturing split-second images.

●Sales Outline

Category	Product Name	MSRP	Launch Date
Micro Four Thirds System standard interchangeable lens camera	Olympus OM-D E-M1X (Body)	Open price	February 22, 2019

●Main Features

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. Pro Capture mode ² and 60 fps high-speed sequential shooting ³ ensure photographers never miss a shot
4. Double TruePic VIII image processors provide high-speed responsiveness and Handheld High Res Shot
5. The world's highest image stabilization performance approximately 7.5 shutter speed steps of compensation result in excellent image quality



Olympus OM-D E-M1X
+
M.Zuiko Digital ED 12-100mm F4.0 IS PRO

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 stabilization: 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.

With integrated vertical grip construction, the new professional model Olympus OM-D E-M1X offers secure holding and high operability. The currently available Olympus OM-D E-M1 Mark II has received high praise from many photo enthusiasts, including professional photographers, for its high-speed performance, mobility, and excellent image quality. The OM-D series is expanded with the new OM-D E-M1X professional model, which will be situated alongside the OM-D E-M1 Mark II. The OM-D E-M1X's image stabilization performance offers approximately 7.5 shutter speed steps of compensation and the world's best enhanced compensation abilities to deliver improved handheld image quality during nighttime shooting and for indoor scenes, enabling a wider range of photographic scenes. Pairing the OM-D E-M1X with the versatile, excellent image quality of the M.Zuiko lens lineup, 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.

●Main Features Details

1. Integrated Vertical Grip Construction Delivers Secure Holding and High Operability

•Excellent grip whether held horizontally or vertically

To meet demands from professional users who place importance on a secure grip during shooting, this model features integrated vertical grip construction, delivering an improved grip 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 were 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 the industry's top class viewfinder magnification of 0.83x⁴. (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. Just as on the 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 OM-D E-M1X clears Olympus' in-house splashproof tests that are more rigorous than IPX1, and is developed for shooting in severe conditions where pro photographers often find themselves. Dustproof, splashproof, and freezeproof (-10°C) performance is maintained even when connected to the remote cable, microphone, and headphone jacks, enabling shooting that is not affected by the weather. A new coating is used on the SSWF (Super Sonic Wave Filter), which vibrates at 30,000 times per second to remove dust and dirt, further reducing the possibility of dust or dirt by 10% more compared to previous models. This model also features durability and reliability that put pro photographers' minds at ease, such as a construction that dissipates heat when shooting movies and during sequential shooting in very hot conditions which can typically cause the temperature to rise and limit functionality, and a shutter operation of 400,000 times⁵.

⁴ Finder Style 3 (aspect ratio 4:3)

⁵ According to Olympus tests.



Image of splashproof testing

•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 shots⁶ and easily replace the batteries even when the camera is attached to a monopod or tripod. 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.



Battery insertion

2. 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.



AF Multi Selector

•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 currently available on the OM-D E-M1 Mark II has also been adopted on this model for more 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 attached is -6 EV, for high-precision focusing in both dark scenes and low-contrast subjects.

⁶ 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.

•Various AF settings

Various AF settings 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 for greater freedom have been added in AF Target.

3. 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.

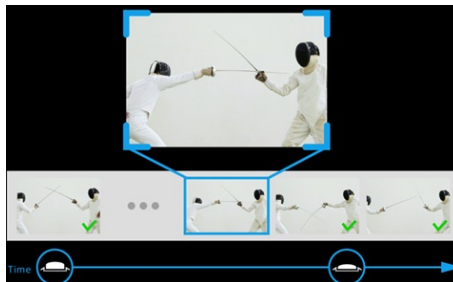
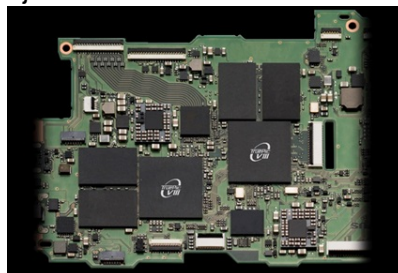


Image of Pro Capture Mode

4. 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 and recovery from sleep mode, and supports the 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.



Double TruePic VIII

•Handheld High Res Shot - long awaited by landscape photographers

In addition to ultra high-resolution maximum 80M⁷ 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.



Image of Handheld High Res Shot

•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).



Image of Live ND

•Intelligent Subject Detection AF utilizes deep learning technology

Deep learning, a type of Artificial Intelligence (AI), was utilized 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.

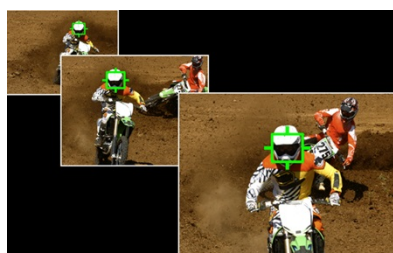


Image of Intelligent Subject Detection AF

⁷ Up to 80M (50M for Handheld High Res Shot) supported during RAW shooting. Images must be processed using compatible software such as Olympus Workspace.

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

•The highest image stabilization 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 performance⁸ 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 nighttime and indoor shooting.

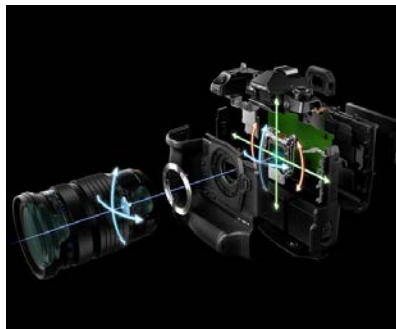


Image of 5-axis sync IS

•Other 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 coloring 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 stabilization enable refined handheld 4K and cinema 4K video recording. Image stabilization 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

⁸ 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.

in shadows and highlights, and without blowouts, along with color grading via a computer for a high degree of freedom over images.

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.

•Separately Available Accessories

Electronic Flash, FL-700WR

Electronic Flash FL-700WR is a high-performance, wireless radiowave shooting compatible electronic flash. During wireless shooting, it can be used as a commander or flash with built-in receiver. The compact, lightweight design delivers excellent portability with high intensity at a maximum guide number of 42⁹ (ISO 100/m). The dustproof, splashproof, and freezeproof (-10°C)¹⁰ performance offer reliability when shooting in a variety of environments including rain, when paired with the OM-D E-M1X, and other splashproof and dustproof body and lens combinations. Full flash intensity is possible with an approximate 1.5 second¹¹ charging time for comfortable, easy shooting. Because charging time is short, sequential flash photography¹² at 10 fps is possible.

Wireless Commander, FC-WR

Wireless Receiver, FR-WR

Wireless Commander FC-WR and Wireless Receiver FR-WR can control multiple flash units remotely from the camera, enabling versatile wireless flash photography. As is the case with the Electronic Flash FL-700WR, dustproof, splashproof, and freezeproof (-10°C) design allows use in a variety of fields. When paired with splashproof and dustproof cameras, lenses, and flash units such as the OM-D E-M1X or high-capacity Electronic Flash FL-900R, users can perform wireless flash photography comfortably even in the rain. The commander can connect to three groups and an unlimited number of flash units. Users can also select which group to fire and not fire, and configure the flash intensity, etc.

See the product sites for more details on Electronic Flash FL-700WR, Wireless Commander FC-WR, and Wireless Receiver FR-WR.



Electronic Flash, FL-700WR



Wireless Commander,
FC-WR



Wireless Receiver,
FR-WR

•Sales Outline: Separately Available Accessories

Category	Product Name	MSRP	Launch Date
Electronic Flash	FL-700WR	45,000yen (48,600yen incl. tax)	February 22, 2019
Wireless Commander	FC-WR	40,000yen (43,200yen incl. tax)	February 22, 2019
Wireless Receiver	FR-WR	27,500yen (29,700yen incl. tax)	February 22, 2019

⁹ Firing angle of 75 mm / standard light distribution mode, ISO 100/m.

¹⁰ Batteries may not withstand lower temperatures. In such environments, keep batteries warm prior to use.

¹¹ When using rechargeable nickel-metal hydride (Ni-MH) batteries. Approximately 2.5 s when using alkaline batteries.

¹² Only when using OM-D E-M1X and OM-D E-M1 Mark II mechanical shutter. At a firing ratio of 1/16.

●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.



Olympus Workspace image management software

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Olympus will celebrate its 100th anniversary on October 12 this year. We would like to thank all of our customers and stakeholders who have supported the company's development throughout these years. We look forward to continuing the tradition of contributing to society through Making people's lives healthier, safer and more fulfilling.