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Firmware Upgrades: Version 3.0 for Olympus OM-D E-M1 Mark II
with New Functions for High-precision Autofocus Performance and High Image Quality
Version 1.1 for OM-D E-M1X and Version 1.1 for Olympus Workspace are also released

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Olympus Corporation (President: Yasuo Takeuchi) is pleased to announce availability of the latest firmware upgrade for two interchangeable lens cameras, Version 3.0 for the Olympus OM-D E-M1 Mark II and Version 1.1 for the Olympus OM-D E-M1X. Additionally, Firmware Version 1.1 is now available for Olympus Workspace. OM-D E-M1 Mark II firmware Version 3.0 adds high-precision autofocus (AF) performance and the high image quality currently available on Olympus' newest OM-D, the E-M1X. Specifically designed for the professional models in the OM-D series, the OM-D E-M1 Mark II and OM-D E-M1X, this new firmware provides feature enhancements for photographers who require portability and smooth operation of the camera when shooting.

● **OM-D E-M1 Mark II Firmware Version 3.0: Main Features**
  1. **Highly advanced AF algorithm, previously found in the OM-D E-M1X (including movie AF)**
  2. **The latest autofocus features such as C-AF Center Priority, Group 25-point, and C-AF + MF[1] added**
  3. **AF low light limit -6EV support**
  4. **Noise at high ISO sensitivity is improved approx. 1/3 steps compared to Firmware Version 2.3**
  5. **Low ISO Processing (Detail Priority) added for higher resolution**
  6. **Support for Olympus Workspace new USB RAW Data Edit[2]**
  Other functions added from the OM-D E-M1X such as anti-flicker shooting and OM-Log400

● **OM-D E-M1X Firmware Version 1.1：Main Feature**
  1. **Support for new Olympus Workspace USB RAW Data Edit[2]**

● **Olympus Workspace Image Editing Software Version 1.1: Main Features**
  1. **Focus Stacking added for compositing images shot in Focus Bracketing[3]**
  2. **Lighten Composite added**
  3. **USB RAW Data Edit[2] added for high-speed RAW processing**

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1 MF during continuous AF (C-AF) is supported on the M.Zuiko PRO series (must upgrade to firmware version 1.2 and later for M.Zuiko Digital ED 8mm F1.8 Fisheye PRO, and firmware version 1.1 and later for M.Zuiko Digital ED 25mm F1.2 PRO and M.Zuiko Digital ED 45mm F1.2 PRO) and M.Zuiko Digital ED 12-200mm F3.5-6.3.
2 This new function makes RAW processing much faster by using the TruePic VIII image processor on the camera via USB connection. Olympus Workspace and the supported camera must both be updated with required firmware. The available editing options from Olympus Workspace are limited to RAW editing options that can be handled internally in the camera. Compatible models are OM-D E-M1X and OM-D E-M1 Mark II, and images are saved in JPEG format.
3 Images must be shot with a lens that supports Focus Stacking.

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

**OM-D E-M1 Mark II
+ M.Zuiko Digital ED 12-40mm F2.8 PRO**

Olympus Workspace Image Editing Software

●OM-D E-M1 Mark II Firmware Upgrade V3.0: Details

1. Highly advanced AF algorithm, previously found in the OM-D E-M1X (including movie AF)

This upgrade utilizes the OM-D E-M1X algorithm, which was developed based on the shooting needs of the professional photographer. With the goal of achieving performance that responds to demanding shooting conditions, such as fast movement in sports, etc., C-AF Center Priority delivers high-precision tracking of moving subjects and sudden subject movement. AF precision for still subjects when using S-AF is improved for various subjects compared to OM-D E-M1 Mark II firmware Version 2.3. Active use of information from the On-chip Phase Detection AF sensor also improves AF performance while shooting video.

2. The latest autofocus features such as C-AF Center Priority, Group 25-point, and C-AF + MF[1] added

Group 25-point has been added to AF Target, and is effective for photographing birds and other small subjects. C-AF Center Priority is now available, and repeatedly autofocuses with priority on the center point in Group 5-point, Group 9-point, and Group 25-point. If AF is not possible in the center point, the peripheral points in the group area assists, which is effective for subjects that move around quickly. Also, C-AF+MF[1] is included which allows users to instantly switch to MF by turning the focus ring while in C-AF for fine tuning the focus.

3. AF low light limit -6EV supported

The AF low light limit when an f/1.2 lens is attached is -6.0 EV (ISO 100 equivalent for S-AF), enabling high-precision focusing in both dark scenes and for low-contrast subjects.

4. Noise at high ISO sensitivity is improved approx. 1/3 steps compared to firmware Version 2.3

Compared with OM-D E-M1 Mark II firmware Version 2.3, noise that occurs when shooting at high ISO sensitivity is improved approximately 1/3 of a step.

5. Low ISO Processing (Detail Priority) added for higher resolution

Low ISO Processing (Detail Priority) has been added for higher resolution when shooting at low ISO sensitivity.[4]

6. Support for Olympus Workspace new USB RAW Data Edit[2]

USB RAW Data Edit[2] is now supported for much faster RAW processing in Olympus Workspace by connecting the camera to a computer to use the power of the OM-D E-M1 Mark II TruePic VIII image processor.

Other Improvements

- Anti-flicker shooting added
- OM-Log400 movie-exclusive picture mode added
- Frame Rate Priority added to Live View Boost/On2 display
- From 3 to 15 shots can be selected in Focus Stacking and guide lines have been added to the shooting area
- Quick image selection added
- Setting changes and playback display while writing to card now possible
- Instant Film added to Art Filter
- ISO L100 (ISO 100 equivalent) added

●OM-D E-M1X Firmware Version 1.1: Details

1. Support for Olympus Workspace new USB RAW Data Edit[2]

USB RAW Data Edit[2] is now supported for much faster RAW processing in Olympus Workspace by connecting the camera to a computer to use the power of the OM-D E-M1X TruePic VIII image processor.
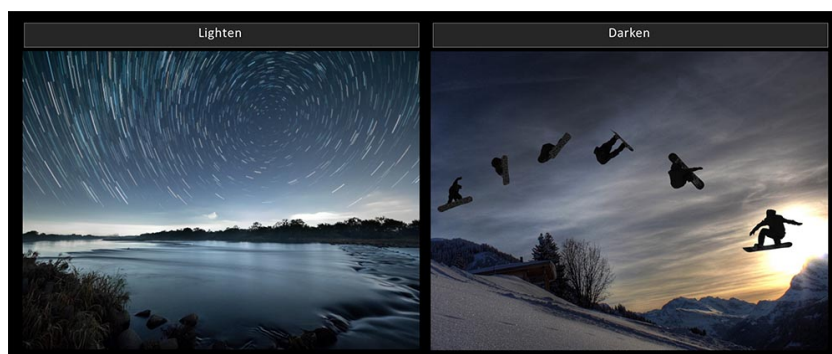
●Olympus Workspace Image Editing Software Version 1.1: Details

1. Focus Stacking added for compositing images shot in Focus Bracketing[3]

Previously, when using Focus Stacking on a computer, it was necessary to use commercially available software to composite images. However, it is now possible to composite up to 999 images in Olympus Workspace.

2. Lighten Composite added

Lighten Composite is now supported by Olympus Workspace, making it possible to create images similar to Live Composite on the camera. Darken Composite has also been added.

Lighten Composite and Darken Composite have been added to Olympus Workspace

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4 May affect the number of sequential shots in normal sequential shooting priority modes.

3. USB RAW Data Edit[2] added for high-speed RAW processing

USB RAW Data Edit[2] has been added for much faster RAW processing in Olympus Workspace by connecting the camera to a computer, using the power of the OM-D E-M1 Mark II and OM-D E-M1X TruePic VIII image processor.

Amazingly fast RAW processing, using the power of the TruePic VIII image processor

●Function Support Chart

✓ reflects the functions that have been upgraded with the firmware.

	E-M1X Ver. 1.1	E-M1 mark II Ver. 3.0
AF Group Target 25-point	Already available	✓
Custom AF Target	Already available	-
C-AF Center Priority	Already available	✓
C-AF Center Start	Already available	✓
C-AF+MF	Already available	✓
Intelligent Subject Detection AF	Already available	-
Anti-flicker shooting	Already available	✓
OM-Log 400	Already available	✓
ISO L100 (ISO 100 equivalent)	Already available	✓
Frame Rate Priority on Live View Boost/On2	Already available	✓
Focus Stacking: Select from 3 to 15 images	Already available	✓
Focus Stacking: Guide line display	Already available	✓
Art Filter: Instant Film	Already available	✓
Low ISO Processing (Detail Priority)	Already available	✓
Setting changes and playback display while writing to card	Already available	✓
Quick image selection	Already available	✓
USB RAW Data Edit	✓	✓
Live ND shooting	Already available	-
Handheld High Res Shot	Already available	-
High-speed shooting: 120fps (1920x1080/ MOV)	Already available	-
Bluetooth connection	Already available	-
UHS-II compatible dual card slots	Already available	-
GPS / Field Sensor System	Already available	-
USB power supply/battery charging	Already available	-
Multi Selector	Already available	-

Please visit the following URL for more details on the firmware updates:

OM-D E-M1 Mark II, OM-D E-M1X

https://cs.olympus-imaging.jp/en/support/imsg/digicamera/download/software/firm/e1/#omd

Olympus Workspace

https://cs.olympus-imaging.jp/en/support/imsg/digicamera/download/software/#ow

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.

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