

February 28, 2018

**Firmware Upgrades: Version 2.0 for Olympus OM-D E-M1 Mark II,  
Version 3.0 for Olympus PEN-F, and  
Version 4.0 for Olympus OM-D E-M5 Mark II**

Olympus Corporation (President: Hiroyuki Sasa) is pleased to announce the latest firmware upgrades for three interchangeable lens cameras; Version 2.0 for the Olympus OM-D E-M1 Mark II, Version 3.0 for the Olympus PEN-F, and Version 4.0 for the Olympus OM-D E-M5 Mark II, scheduled for release on Wednesday, February 28, 2018. This release adds new functions and improved performance, along with the new Art Filter option, Bleach Bypass to all three models.

In addition, a LUT (Look Up Table) file will be released along with the firmware upgrades for color grading videos shot in the movie-exclusive picture mode “Flat” using DaVinci Resolve from Blackmagic Design Pty. Ltd.

**●OM-D E-M1 Mark II Firmware Ver. 2.0: Main Features****1. Improved functionality in Pro Capture Mode**

(Number of pre-shutter frames increased from 14 to 35, an icon display during Pro Capture and compatible lenses added)

**2. M.Zuiko Digital ED 12-100mm F4.0 IS PRO now supports Focus Stacking****3. Small AF Target setting added (S-AF and C-AF)****4. In-body Fisheye Correction added (when using M.Zuiko Digital ED 8mm F1.8 Fisheye PRO)****5. Magnify setting added 100% enlargement ratio for use during image playback****6. Flicker Scan function added, which adjusts the shutter speed to reduce flickering effects from light sources****●Olympus PEN-F Firmware Ver. 3.0: Main Features****1. Monochrome Profile and Color Profile settings in recorded images can be saved onto the camera via a computer****2. Shading effects in Monochrome Profile Control is available in Color Profile Control and Color Creator****●OM-D E-M5 Mark II Firmware Ver. 4.0: Main Features**

- Focus Stacking function added

**●Common Features for these three models****1. New Art Filter option Bleach Bypass added****2. Support for Panasonic LEICA DG ELMARIT 200mm/F2.8/POWER O.I.S. interchangeable lens**



**OM-D E-M1 Mark II  
+ M.Zuiko Digital ED 12-100mm F4.0 IS PRO**



**OM-D E-M5 Mark II (Black)  
+ M.Zuiko Digital ED 12-40mm F2.8 PRO**



**Olympus PEN-F (Silver)  
+ M.Zuiko Digital ED 12mm F2.0**

The OM-D E-M1 Mark II is Olympus' latest flagship camera designed to withstand the rigors of professional use and deliver outstanding images, while the Olympus PEN-F is a high-performance model of the Olympus PEN series for its creative shooting such as Monochrome Profile Control and Color Profile Control. Also, the OM-D E-M5 Mark II is a high performance interchangeable lens camera that features Olympus' 5-axis Image Stabilization.

Firmware Version 2.0 for the OM-D E-M1 Mark II adds new features and improved performance at the request of many users. Firmware Version 3.0 for the Olympus PEN-F adds a feature allowing the user to save the settings of Monochrome Profile and Color Profile in recorded images onto the camera due to popular demand. Firmware Version 4.0 for the OM-D E-M5 Mark II adds the Focus Stacking function available on the OM-D E-M1 and OM-D E-M1 Mark II. Each firmware upgrade includes the new Art Filter option Bleach Bypass, originally included on the OM-D E-M10 Mark III.

Olympus is dedicated to providing new functions and performance improvements of their cameras with firmware upgrades that users can enjoy their cameras for many years to come.

## ●OM-D E-M1 Mark II Firmware Upgrade Ver. 2.0: Details

### 1. Improved functionality in Pro Capture Mode

- Recording begins from the first release (halfway shutter button press), and the maximum number of frames (number of pre-shutter frames) that can be recorded on the second release (full shutter button press) has been increased from 14 to 35.
- It is now possible to check the status of image capture on first release in Pro Capture Mode with an icon display
- All attachable lenses are now compatible with Pro Capture H (locked at first AF/AE shot).

Lens	Pro Capture L	Pro Capture H
Olympus Micro Four Thirds System standard lenses	Yes	Yes
Other Micro Four Thirds System standard lenses	No	Yes
Four Thirds System standard lenses	No	Yes
Lenses without electrical contacts (MF only)	Yes	Yes

Pro Capture Mode Lens Compatibility Table

### 2. M.Zuiko Digital ED 12-100mm F4.0 IS PRO now supports Focus Stacking

- M.Zuiko Digital ED 12-100mm F4.0 IS PRO now supports in-camera focus stacking, for a total of eight supported lenses (the other seven lenses are M.Zuiko Digital ED 8mm F1.8 Fisheye PRO, ED 30mm F3.5 Macro, ED 60mm F2.8 Macro, ED 300mm F4.0 IS PRO, ED 7-14mm F2.8 PRO, ED 12-40mm F2.8 PRO, and ED 40-150mm F2.8 PRO).

### 3. Small AF Target setting added (S-AF and C-AF)

- Small AF Target is added to the single target (1-point) AF area due to popular demand. This allows for a greater level of precision when choosing a specific AF target.

### 4. In-body Fisheye Correction added (when using M.Zuiko Digital ED 8mm F1.8 Fisheye PRO)

- Fisheye Correction (Distortion Correction) from Olympus Viewer 3 is now available in the camera. M.Zuiko Digital ED 8mm F1.8 Fisheye PRO can now be used as a wide-angle lens without the fisheye effect. The correction effects can be viewed on the Live View monitor before shooting.

### 5. Magnify setting added 100% enlargement ratio for use during image playback

- It is now possible to set the initial magnification ratio (the value when turning the dial to the first step the first time) during playback. Pixel size display is also added to magnification ratio options due to popular demand, making it possible to browse images more quickly.

### 6. Flicker Scan function added, which adjusts the shutter speed to reduce flickering effects from light sources

- The Flicker Scan function makes it possible to check how much a scene is flickering on the Live View monitor, a phenomenon that is common under LED light sources when using the electronic shutter. It helps you to select an appropriate shutter speed to avoid flickering in images.

### Other Improvements

- Improved Continuous AF (C-AF) performance
- AF response improved when using back button focus AF settings with the AEL/AFL button
- IS performance when shooting video is improved, enabling more natural camera work (IS-equipped lenses require firmware upgrade released simultaneously)
- Tethered shooting responsiveness and stability using Olympus Capture is improved, making for easier shooting workflow
- Icon of remaining battery level is fine-tuned

## ●Olympus PEN-F Firmware Ver. 3.0: Details

### 1. Monochrome Profile and Color Profile settings in recorded images can be saved to the camera via a computer

It is now possible to save Monochrome Profile and Color Profile settings in images recorded on the Olympus PEN-F to the camera via a computer. Using the latest Olympus Digital Updater (Ver. 2.1), simply select the image whose profile you want to use and save the settings to the camera.

### 2. Shading effects in Monochrome Profile Control is available in Color Profile Control and Color Creator

Due to popular demand, shading effects have been added to Color Profile Control and Color Creator for a wider range of photographic expression.

## ●OM-D E-M5 Mark II Firmware Ver. 4.0: Details

### ▪ Focus Stacking function added

The Focus Stacking function available on the Olympus Tough TG-3, TG-4, TG-5, OM-D E-M1, and OM-D E-M1 Mark II is now available on the OM-D E-M5 Mark II. The focus is shifted while capturing eight images, which are then composited to form a single image that is in focus from the foreground to background. A total of eight lenses, same as OM-D E-M1 Mark II firmware Version 2.0, are supported.

## ●Common Features for these three models

### 1. New Art Filter option Bleach Bypass added

The new Art Filter option Bleach Bypass included on the OM-D E-M10 Mark III released in September 2017, is now available with the firmware update. This option reproduces the bleach bypass effect used to develop film. It lends a hard impression to cityscape photos, and an impressive finish to metal textures in images of cars and aircraft. Type I and Type II are available.

### 2. Support for Panasonic LEICA DG ELMARIT 200mm/F2.8/POWER O.I.S. interchangeable lens

This firmware upgrade also improves the compatibility with the Panasonic LEICA DG ELMARIT 200mm/F2.8/POWER O.I.S.(H-ES200) interchangeable lens, where the autofocus may not have worked properly when using with the Olympus Micro Four Thirds cameras.

**Please visit the following URL for the firmware update:**

**OM-D E-M1 Mark II and OM-D E-M5 Mark II**

<http://cs.olympus-imaging.jp/en/support/imshow/digicamera/download/software/firm/e1/index.cfm#omd>

**OLYMPUS PEN-F**

<http://cs.olympus-imaging.jp/en/support/imshow/digicamera/download/software/firm/e1/index.cfm#fp>

## ●Movie-exclusive picture mode: “Flat” LUT File release

An LUT file is released for movies recorded in the movie-exclusive picture mode “Flat” with the OM-D E-M1 Mark II and OM-D E-M5 Mark II. This file converts recorded videos to BT.709 in DaVinci Resolve from Blackmagic Design Pty. Ltd. for color grading.

**Please visit the following URL for more details:**

<http://cs.olympus-imaging.jp/en/support/imshow/digicamera/download/software/3dlut/3dlut.cfm>

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