

November 17, 2020

Firmware Upgrade: Version 2.0 for OM-D E-M1X
Adding Bird Detection for Intelligent Subject Detection AF
Automatically Detect and Track Eye of Bird with Priority

Olympus Corporation (Director, Representative Executive Officer, President and CEO: Yasuo Takeuchi) is pleased to announce the latest release of firmware upgrade Version 2.0 for the Olympus OM-D E-M1X mirrorless camera, scheduled for release on December 3, 2020. The new firmware adds Bird detection to Intelligent Subject Detection AF, an AI-based deep learning technology. With this new function, the camera automatically prioritizes detection of a bird's eye, for focusing and tracking, so the photographer can concentrate on composing images and capturing the moment. The new firmware also includes various functional improvements, such as RAW video data output to support professional video production.

▪ **OM-D E-M1X firmware Version 2.0 main features**

1. Bird detection added to Intelligent Subject Detection AF, for automatic detection and tracking of a bird's eye, with priority
2. RAW video data output to the Atomos Ninja V HDR monitor recorder
3. Focus Stacking support for the M.Zuiko Digital ED 150-400mm F4.5 TC1.25x IS PRO
4. Improved video image stabilization performance
5. Supports Focus Indicator display



OM-D E-M1X
+
M.Zuiko Digital
ED 150-400mm F4.5 TC1.25x IS PRO



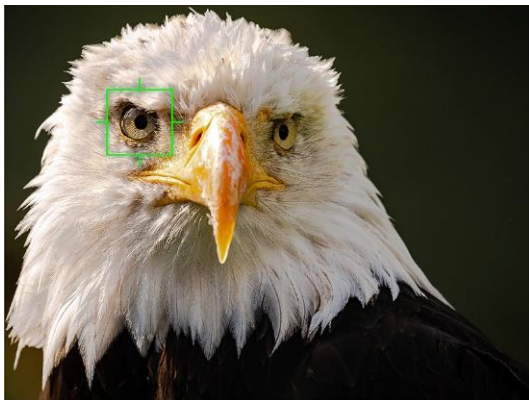
OM-D E-M1X
+
ATOMOS NINJA V

▪ **OM-D E-M1X firmware Version 2.0 main feature details**

1. Bird detection added to Intelligent Subject Detection AF, for automatic detection and tracking of a bird's eye, with priority

- Automatic detection and tracking of bird's eyes, head, and body

Bird detection has been added to Intelligent Subject Detection AF and can recognize a variety of birds of all sizes. When shooting, the camera focuses on the bird's eye, with priority, then switches to detect and track the head or body, if the bird's eye is not detected. This feature functions sufficiently well, even in birds' natural habitats, where trees, plants and other obstructions are expected between the photographer and subject. The camera continues focusing on the detected subject, allowing the photographer to concentrate on framing the image.



Automatic detection and tracking of a bird's eye



Effective in a variety of shooting conditions

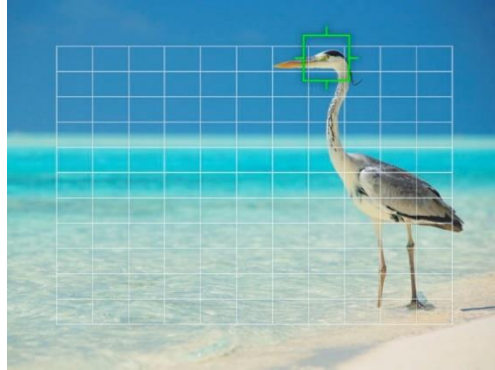
- Compatible with Pro Capture, a feature that provides time-lag-free shooting so you can capture precise moments

This feature can be used with Pro Capture, which is also a popular feature for photographing birds. With Pro Capture you never miss decisive moments that are generally difficult to capture, such as when a bird takes flight or captures its prey.



Using Pro Capture

- Subject detection is possible across the entire frame, even during super telephoto shooting
Birds are detected across the entire AF coverage area when shooting with all M.Zuiko Digital lenses, including super telephoto lenses. Birds can be detected even at the periphery of the screen, offering a greater level of freedom over framing.



Subject detection possible
across the entire frame

2. RAW video data output to the Atomos Ninja V HDR monitor recorder
4K 30P/25P/24P and Cinema 4K 24P video recorded on the OM-D E-M1X can be output as 12-bit RAW data and recorded in ProRes RAW format on the Atomos Ninja V HDR monitor recorder. This enables advanced professional video production post-processing tasks such as adjusting exposure and color grading of recorded footage. Please update to latest Ninja V firmware to enable this support, <https://www.atomos.com/firmware/ninja-v> .

3. Focus Stacking support for the M.Zuiko Digital ED 150-400mm F4.5 TC1.25x IS PRO
With this firmware, the M.Zuiko Digital ED 150-400mm F4.5 TC1.25x IS PRO supports in-camera Focus Stacking, bringing the total to 11¹ compatible lenses.

4. Improved video image stabilization performance

The video image stabilization algorithm has been updated for natural recording with minimal shake, even when panning.

5. Supports Focus Indicator display

This feature makes it possible to quickly check the focusing direction and approximate focus position during manual focusing.

• OM-D E-M1X, OM-D E-M1 Mark III, OM-D E-M1 Mark II, and OM-D E-M5 Mark III firmware upgrade

Firmware Version 1.2 for the OM-D E-M1 Mark III, Version 3.4 for the OM-D E-M1 Mark II, and Version 1.3 for the OM-D E-M5 Mark III will be released simultaneously with firmware Version 2.0 for the OM-D E-M1X on December 3, 2020. Visit the following website for further details on the firmware update.

<https://cs.olympus-imaging.jp/en/support/ormsg/digicamera/download/software/firm/e1/>

▪ **Firmware upgrade compatibility table**

Added features	E-M1X Firmware Ver.2.0	E-M1 Mark III Firmware Ver.1.2	E-M1 Mark II Firmware Ver.3.4	E-M5 Mark III Firmware Ver.1.3
1. Bird detection	Yes	No	No	No
2. RAW video data output	Yes	Yes	No	No
3. Lens that supports Focus Stacking added	Yes	Yes	Yes	Yes
4. Improved video image stabilization	Yes	Yes	Yes	Yes
5. Supports Focus Indicator display	Yes	Yes	No	No

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- 1 OM-D E-M1X Focus Stacking compatible lenses:
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 /
ED 12-45mm F4.0 PRO / ED 40-150mm F2.8 PRO / ED 12-100mm F4.0 IS PRO /
ED 100-400mm F5.0-6.3 IS / ED 150-400mm F4.5 TC1.25x IS PRO