

**OM SYSTEM Introduces the M.Zuiko Digital ED 90mm F3.5 Macro IS PRO - An Ultra High Magnification Telemacro Lens  
Perfect for Nature Photography with Powerful Image Stabilization and  
Superb Splash and Dust Proof Performance**



**Tokyo, Japan, February 8, 2023** - OM Digital Solutions Corporation (Representative Director and CEO: Shigemi Sugimoto) is pleased to announce the M.Zuiko Digital ED 90mm F3.5 Macro IS PRO (35mm equivalent: 180mm), a high-performance telemacro lens offering excellent depictive performance and conforming to the Micro Four Thirds System standard. It is scheduled to go on sale in February 24, 2023. By itself, the lens offers up to 2x magnification<sup>1</sup>, which can be increased to up to 4x<sup>2</sup> with the addition of the optional MC-20 2x teleconverter (sold separately), for ultra-high-magnification macro shooting. The M.Zuiko Digital ED 90mm F3.5 Macro IS PRO includes an in-lens image stabilization system, which, when combined with a compatible camera body, 5-axis sync IS is supported, delivering up to 7 steps<sup>3</sup> of shutter speed compensation. The M.Zuiko Digital ED 90mm F3.5 Macro IS PRO is splash and dust proof to IP53 level, and weighs just 453 g<sup>4</sup>, making it the ideal telephoto lens for stress-free nature photography in any situation from landscapes to macro shooting.



M.Zuiko Digital  
ED 90mm F3.5 Macro IS PRO



When attached to  
the OM SYSTEM OM-1

▪ **Sales outline**

Product Name	MSRP	Launch Schedule
M.Zuiko Digital ED 90mm F3.5 Macro IS PRO	231,000 yen (210,000 yen, excluding tax)	February 24, 2023

▪ **Main features**

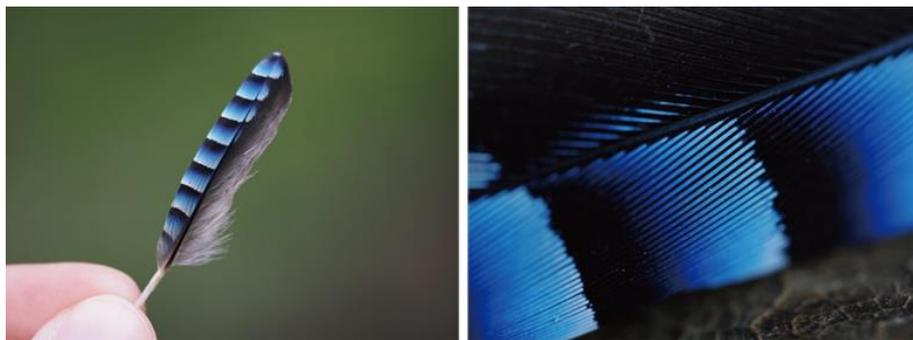
1. Maximum image magnification 2x<sup>1</sup>, 4x<sup>2</sup> when paired with the optional MC-20 2x teleconverter, delivering high quality images in any shooting range
2. High-speed, high-precision AF across the entire range, even for ultra-high-magnification macro shooting
3. Compatible with 5-axis sync IS in up to 7 steps<sup>3</sup>
4. IP53 splash & dust proof capabilities, and reliable weather-resistant performance with a fluorine coating

▪ **Main features**

**1. Maximum image magnification 2x<sup>1</sup>, 4x<sup>2</sup> when paired with the optional MC-20 2x teleconverter, delivering high quality images in any shooting range**

- Excellent close-up shooting performance with a maximum image magnification of 2x<sup>1</sup> with the lens alone

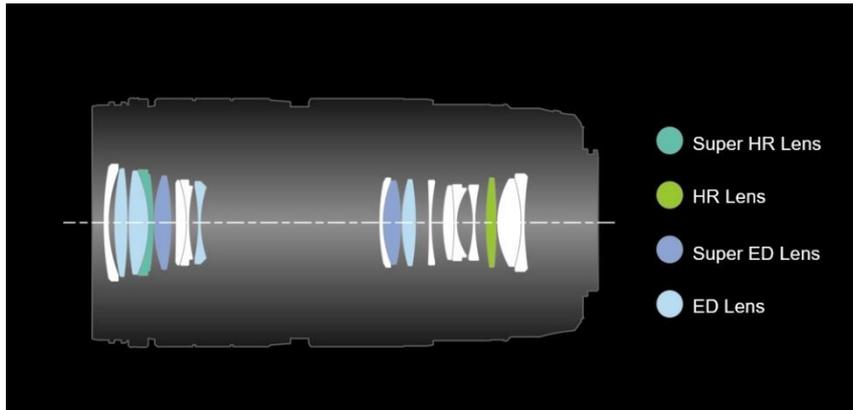
The M.Zuiko Digital ED 90mm F3.5 Macro IS PRO is a lightweight, high-performance telephoto macro lens offering a maximum image magnification of 2x<sup>1</sup> with the lens alone, and a shooting range of 8.7 x 6.5 mm. The optional MC-20 2x teleconverter can also be attached, bringing maximum image magnification to 4x<sup>2</sup> and allowing ultra-close-up shooting with a shooting range of 4.3 x 3.3 mm. Close-up shots of flowers, and even virtually microscopic objects such as the scales on a butterfly's wing are reproduced in stunning detail. In addition to these powerful close-up capabilities, the ED 90mm F3.5 Macro IS PRO can also be used as a single-focal-length telephoto lens capable of capturing distant subjects with astonishing image clarity. It handles the transition from macro to telephoto seamlessly, allowing the user to shoot a variety of subjects in the nature genre without having to worry about distance. The HDMI output function<sup>5</sup> equipped in OM SYSTEM interchangeable lens cameras can also be used to display images on a large monitor, which is ideal for educational and research applications.



High resolution even at high magnification  
(Bird's feather image. Right: Maximum image magnification 4x<sup>2</sup> )

- Delivers high image quality, with 2 Super ED lenses and 4 ED lenses

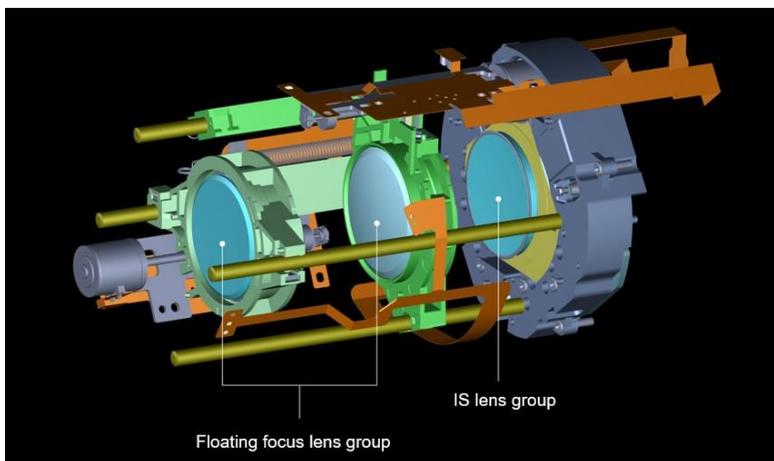
To ensure stable performance with good depiction at everything from close-up to standard distances, the M.Zuiko Digital ED 90mm F3.5 Macro IS PRO features an amazing 18 elements in 13 groups, including two Super ED lenses, four ED lenses, one Super HR lens, and one HR lens. This allows it to suppress the chromatic aberration often seen when shooting close-up, offering high-quality well-focused images of the main subject. What's more, even defocused areas are beautifully depicted, with minimal color bleeding. The lens features ZERO (Zuiko Extra-low Reflection Optical) coating, which eliminates ghosts and flares for clear depictive performance even in difficult conditions such as backlit situations. This also provides effective suppression of spot flaring, a common occurrence with macro lenses.



Lens construction diagram

## 2. High-speed, high-precision AF across the entire range, even for ultra-high-magnification macro shooting

Defying conventional wisdom that says that ultra-high magnification shooting with a macro lens requires manual focus, the ED 90mm F3.5 Macro IS PRO allows autofocus to be used across the entire range from close-up photography to infinity, with a maximum magnification of  $2\times^1$  or  $4\times^2$  with a teleconverter attached. A floating inner focusing system has been used with two focusing lens groups are driven independently for high-speed AF, delivering high-quality images with few aberrations. AF is available even for ultra-high-magnification shooting, so using the Focus Stacking function<sup>6</sup>, one of the features of OM SYSTEM interchangeable lens cameras, makes it easy to capture photos that are in focus across the subject, even for ultra-high-magnification macro shooting.



Floating-type inner focusing system

## 3. Compatible with 5-axis Sync IS in up to 7 steps<sup>3</sup>

The image stabilization mechanism in the lens and the camera body work together to achieve 5-axis sync IS, which delivers up to 7 steps<sup>3</sup> of shutter speed compensation. Furthermore, the ED 90mm F3.5 Macro IS PRO features an acceleration sensor on the lens that precisely detects motion blur for correction of shift, which has a significant impact on macro shooting. This powerful image stabilization function allows the user the flexibility for a variety of shooting scenarios.

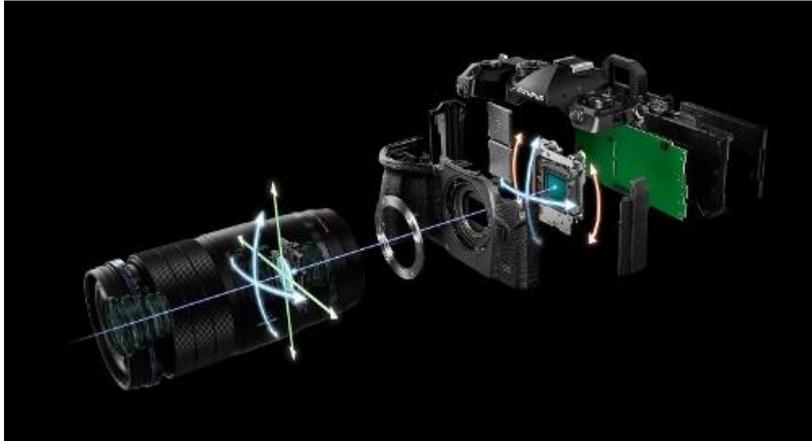
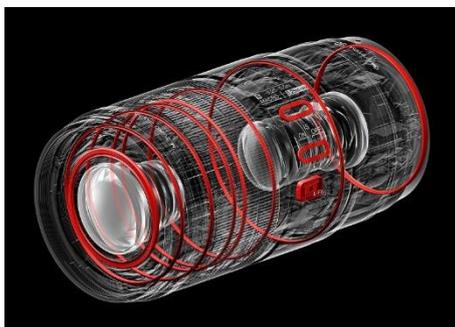


Illustration of 5-axis sync IS

#### 4. IP53 splash & dust proof capabilities, and reliable weather-resistant performance with a fluorine coating

Like the flagship model OM-1 from OM SYSTEM, the ED 90mm F3.5 Macro IS PRO offers excellent IP53 splash & dust proof performance, as well as freezeproof protection to -10°C, allowing the user to concentrate on finding and shooting subjects without worrying about their equipment, even in the harshest of outdoor environments. Smooth, scratch- and dirt-resistant fluorine coating is used on the front-most lens for easy removal of dust and dirt using a blower or cloth.



Sealing illustration



Illustration of fluorine coating

#### ▪ Other features

- A Focus Limit Switch sets the focusing range to define focus limits to enable faster focusing when shooting, improving AF speed.
- A Manual Focus Clutch mechanism allowing rapid transition from AF to manual focus. Also features a guide shooting magnification for use when shooting with manual focus.
- An L-Fn (lens function) button is available on the side of the lens so users can change settings with a single operation using their thumb while holding the camera.
- Compact, lightweight versatile design at 453 g<sup>4</sup> with a filter diameter of 62 mm, maximum diameter of 69.8 mm x overall length of 136 mm.

#### ▪ Separately available accessories

- ZUIKO PRF-ZD62 PRO Protection Filter (available now)  
MSRP: 7,480 yen (6,800 yen excluding tax)

- STF-8 Macro Flash (available now)

A compact, lightweight twin-flash unit built with splash & dust proof, and freezeproof protection down to -10°C. Movable flash heads for more breadth of expression in macro shooting.

MSRP: 71,500 yen (65,000 yen excluding tax)



STF-8 Macro Flash

- **M.Zuiko Digital ED 90mm F3.5 Macro IS PRO specifications**

Please see our website for detailed product specifications.

<https://asia.olympus-imaging.com/product/dslr/mlens/90-35macro/spec.html>

#### **ABOUT OM DIGITAL SOLUTIONS CORPORATION**

OM Digital Solutions Corporation is a leading provider of award-winning digital imaging and audio solutions, noted for its precision optics and groundbreaking technologies. After being split from Olympus Corporation in 2021, OM Digital Solutions was newly formed to infuse its imaging heritage of over 80 years – including its technologies, products, services, and brand legacy – into a new agile company, unleashing the full potential of its business. Today, OM Digital Solutions develops best-in-class products that challenge the boundaries of product design and functionality, fulfilling the needs of consumers and professionals alike.

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- 1 35mm equivalent: 4x
  - 2 35mm equivalent: 8x
  - 3 When 5-axis sync IS is used. CIPA guideline compliant. When correction is carried out on two axes (yaw and pitch), halfway release image stabilization: OFF, Camera body: OM-1
  - 4 Excluding lens cap, lens rear cap, and lens hood.
  - 5 When used with HDMI output-compatible models
  - 6 Only with compatible models