

Manuals.plus /

› OM SYSTEM /

› OM SYSTEM OLYMPUS OM-1 Micro Four Thirds System Camera User Manual

OM SYSTEM OM-1

OM SYSTEM OLYMPUS OM-1 Micro Four Thirds System Camera User Manual

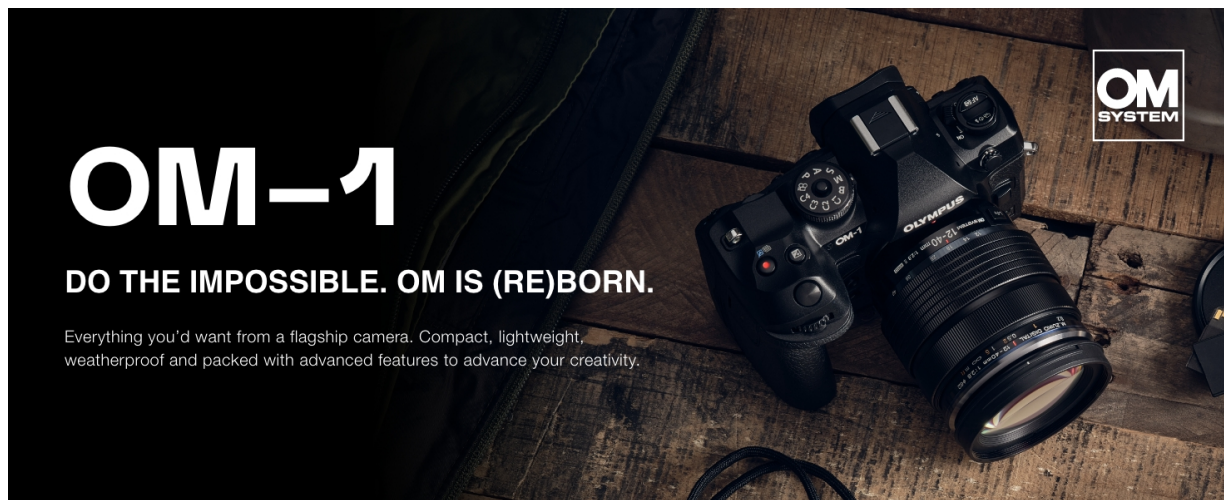
Model: OM-1

Brand: OM SYSTEM

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your OM SYSTEM OLYMPUS OM-1 Micro Four Thirds System Camera. Please read this manual thoroughly before using the camera and keep it in a safe place for future reference.

The OM SYSTEM OM-1 is a professional-grade mirrorless camera designed for exceptional performance in various photographic conditions. It features a 20MP BSI Stacked Sensor, advanced 5-axis image stabilization, and robust weather-sealed construction.



The OM SYSTEM OM-1 camera, showcasing its compact form factor and attached lens, ready for use.

Key Features

- **Cross Quad Pixel AF:** Delivers 1,053 point, all cross-type 100% high-precision focusing for reliable subject capture.
- **TruePic X Engine:** Provides up to 3x faster processing power for rapid image handling.
- **20M Stacked BSI Live MOS Sensor:** Offers amazing resolution and low noise performance.

- **Computational Photography Functions:** Includes Handheld High Res Shot, Live ND, Handheld Live Composite, Focus Stacking, and HDR shooting.
- **IP53 Weather Sealing:** Ensures dustproof, splashproof, and freezeproof performance down to -10°C (14°F) for extreme conditions.
- **5-Axis Image Stabilization:** Provides up to 7.0 steps of compensation for sharp handheld shots.

WHAT'S IN THE BOX

Upon unboxing your OM SYSTEM OM-1, please verify that all the following items are included:

- Camera Body
- BLX-1 Battery
- Eyecup
- USB-AC Adapter
- USB Connection Cable
- Cable Clip
- Cable Protector
- Shoulder Strap
- FL-LM3 Flash
- Manual (this document)
- Warranty Card

SETUP

1. Charging the Battery

The camera uses a BLX-1 Lithium Ion battery. Before first use, fully charge the battery using the supplied USB-AC adapter and USB connection cable.

1. Insert the BLX-1 battery into the camera.
2. Connect the USB connection cable to the camera's USB-C port and the USB-AC adapter.
3. Plug the USB-AC adapter into a power outlet. The charging indicator on the camera will show the charging status.
4. Charging is complete when the indicator turns off or changes color (refer to camera display for exact status).

2. Inserting a Memory Card

The OM-1 supports SD cards. Ensure the card is inserted correctly to prevent damage.

1. Open the memory card slot cover.
2. Insert the memory card with the label facing the correct direction (usually towards the front of the camera) until it clicks into place.
3. Close the memory card slot cover securely.

3. Attaching a Lens

The OM-1 uses the Micro Four Thirds mount. Always attach and detach lenses in a clean environment to prevent dust from entering the camera body or lens.

1. Remove the body cap from the camera and the rear cap from the lens.

2. Align the mounting index (red dot) on the lens with the mounting index (red dot) on the camera body.
3. Insert the lens into the camera mount and rotate it clockwise until it clicks into place.



Front view of the OM SYSTEM OM-1 camera, highlighting the Micro Four Thirds lens mount.

OPERATING THE CAMERA

Basic Controls and Interface

The OM-1 features an intuitive control layout. Familiarize yourself with the main dials, buttons, and the updated menu system.



Rear view of the OM SYSTEM OM-1, displaying the LCD screen, electronic viewfinder, and various control buttons. The updated interface is designed for faster navigation and easier access to settings.



The redesigned menu interface of the OM-1, optimized for quick and efficient setting adjustments.

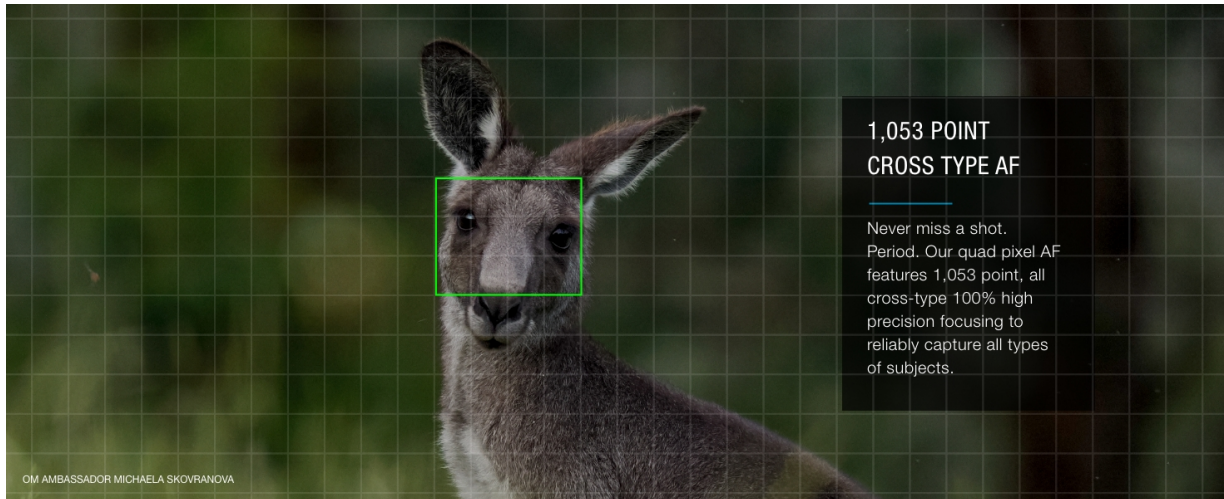
Shooting Modes and Computational Photography

The OM-1 offers a variety of shooting modes and advanced computational photography features to enhance your creative possibilities.

- **Handheld High Res Shot:** Capture high-resolution images without a tripod.
- **Live ND:** Simulate the effect of a neutral density filter, allowing for slower shutter speeds in bright conditions.
- **Handheld Live Composite:** Create stunning light trail photos or capture changes in light over time.
- **Focus Stacking:** Automatically combine multiple images shot at different focus points to achieve extended depth of field.
- **HDR Shooting:** Capture a wider dynamic range by combining multiple exposures.

Autofocus System

The camera features a 1,053 point, all cross-type 100% high-precision autofocus system for reliable subject tracking.



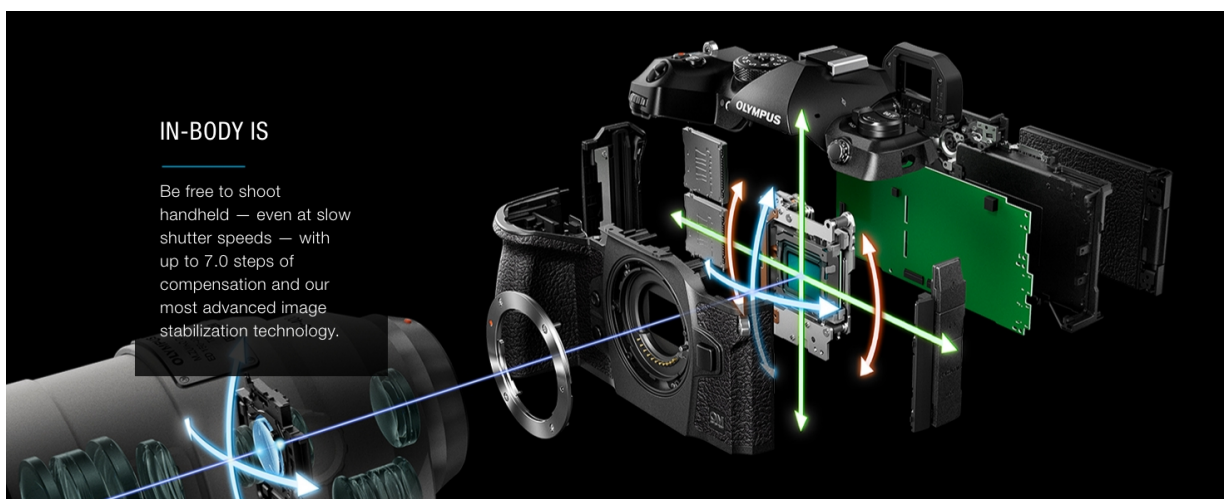
The OM-1's advanced autofocus system, capable of precisely tracking subjects with its 1,053 cross-type AF points. The face detection AF has been vastly improved for greater precision and clarity in capturing human subjects.



Demonstration of the OM-1's enhanced face detection autofocus, ensuring sharp focus on human subjects.

Image Stabilization

The OM-1 incorporates a powerful 5-axis in-body image stabilization system, providing up to 7.0 steps of compensation. This allows for sharp handheld shooting even at slower shutter speeds.



An internal view of the OM-1, showing the sophisticated 5-axis in-body image stabilization system.

Video Recording

The OM-1 offers greatly expanded video capabilities, including high bit and multi-frame rate recording, and the ability to shoot in RAW format.



The OM-1 in use for video production, demonstrating its suitability for professional videography.

Connectivity

The camera supports Bluetooth and Wi-Fi connectivity for remote control, image transfer, and firmware updates. Refer to the camera's menu for pairing instructions with your smart device.

MAINTENANCE

Cleaning the Camera and Lens

Regular cleaning helps maintain the performance and longevity of your camera.

- **Camera Body:** Use a soft, lint-free cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water. Avoid using solvents.
- **Lens:** Use a lens brush or blower to remove dust from the lens surface. For smudges, use a specialized lens cleaning solution and a microfiber cloth. Never touch the lens surface with your fingers.
- **Sensor:** If dust appears on images, use the camera's sensor cleaning function. For persistent dust, consult a professional service center.

Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently, as this can reduce its lifespan.
- If storing for extended periods, charge the battery to about 50% capacity.

Weather Sealing Care

The OM-1 boasts an IP53 weather-sealed design, making it dustproof, splashproof, and freezeproof. To maintain this protection:

- Ensure all port covers, battery compartment, and memory card slot covers are securely closed before exposing the camera to adverse conditions.
- After use in wet or dusty environments, wipe the camera clean with a dry, soft cloth.
- Avoid exposing the camera to extreme temperature changes rapidly, which can cause condensation.



The OM-1's robust IP53 weather sealing allows for operation in challenging environmental conditions.

TROUBLESHOOTING

This section addresses common issues you might encounter with your OM SYSTEM OM-1 camera.

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or not inserted correctly.	Charge the battery fully. Ensure the battery is inserted with correct orientation.
Images are blurry or out of focus.	Incorrect focus mode, subject too close, lens not clean, or insufficient light for AF.	Check focus mode (AF-S, AF-C). Ensure subject is within minimum focusing distance. Clean lens. Use AF assist lamp or manual focus in low light.
Battery drains quickly.	Frequent use of Wi-Fi/Bluetooth, continuous shooting, or cold temperatures.	Turn off Wi-Fi/Bluetooth when not in use. Limit continuous shooting. Carry spare batteries in cold weather.
Dust spots appear on images.	Dust on the image sensor.	Use the camera's sensor cleaning function. If persistent, seek professional cleaning.
Cannot connect to smartphone via Bluetooth/Wi-Fi.	Incorrect pairing procedure, app issues, or camera settings.	Ensure Bluetooth/Wi-Fi is enabled on both devices. Restart camera and smartphone. Re-pair devices. Update camera firmware and app.

If the problem persists after trying these solutions, please contact OM SYSTEM customer support.

SPECIFICATIONS

Detailed technical specifications for the OM SYSTEM OM-1 camera body.

Feature	Specification
Model Name	OM-1
Brand	OM SYSTEM
Product Dimensions	5.3 x 3.6 x 2.9 inches
Item Weight	1 pounds
ASIN	B09S5JBX56
Batteries	1 Lithium Ion batteries required
Date First Available	February 15, 2022
Manufacturer	OM System
Compatible Mountings	Micro Four Thirds
Aspect Ratio	4:3
Photo Sensor Technology	Stacked BSI Live MOS sensor
Supported File Format	MPEG-4 (for video)
Image Stabilization	Sensor-shift (5-axis)
Expanded ISO Minimum	100

WARRANTY AND SUPPORT

Your OM SYSTEM OM-1 camera comes with a manufacturer's warranty. Please refer to the warranty card included in the box for specific terms and conditions.

For further assistance, technical support, or service inquiries, please visit the official OM SYSTEM store or contact their customer support channels.

Official OM SYSTEM Store: [OM SYSTEM Store on Amazon](#)