

Rokinon IO12AF-E

Rokinon AF12mm F2.0 Auto Focus Full Frame Lens for Sony E APS-C

USER MANUAL

Model: IO12AF-E

Introduction

The Rokinon AF 12mm F2.0 Auto Focus Lens is designed for Sony E-mount APS-C mirrorless cameras, offering exceptional image quality and versatility. This ultra-wide-angle prime lens is ideal for various photographic applications, including travel, architectural photography, interiors, nightscapes, and video production. Its advanced optical design and robust construction ensure reliable performance in diverse shooting conditions.

What's in the Box

- Lens
- Lens Hood
- Lens Caps (Front and Rear)
- Lens Case
- User Manual
- Warranty Card

Setup

Before using your Rokinon AF 12mm F2.0 lens, ensure your camera is powered off. Align the mounting index on the lens with the corresponding index on your camera body. Rotate the lens clockwise until it clicks into place, indicating it is securely attached. This lens is compatible with all Sony E-Mount Mirrorless cameras.



The Rokinon AF 12mm F2.0 lens securely mounted on a compatible Sony E-mount camera body, viewed from the top.



A side profile of the Rokinon AF 12mm F2.0 lens attached to a Sony E-mount camera, showing its compact form factor.

Operating the Lens

Autofocus (AF)

The lens features an integrated Linear Stepping Motor (STM) for fast, accurate, and near-silent autofocus. This motor works seamlessly with Sony cameras' focusing systems, making it suitable for both still photography and video recording.

Manual Focus (MF)

For precise control, the lens also offers manual focus. The broad, well-damped focus ring provides a smooth tactile experience for fine-tuning your focus. Switch your camera to manual focus mode to utilize this feature.



A photographer using the Rokinon AF 12mm F2.0 lens on a Sony camera, demonstrating typical handling during operation.

Aperture Control

The lens boasts a bright maximum aperture of F2.0, allowing for excellent low-light performance and the ability to achieve shallow depth-of-field effects. The aperture range extends to F22, providing versatility for various lighting conditions and creative control over depth of field.

Minimum Focusing Distance

With a minimum focusing distance of 7.48 inches (19 cm), the lens allows for close-up shots, enabling modest subject-background separation even with its wide-angle perspective.



The lens's close focusing capability allows for detailed shots of subjects like flowers, demonstrating its versatility beyond wide landscapes.

Optical Performance

The sophisticated optical design includes 12 elements in 10 groups, featuring three Extra-Low Dispersion (ED) elements, one Aspherical (ASP) element, and one Hybrid Aspherical (H-ASP) element. These specialized elements work together to deliver excellent sharpness across the entire aperture range and minimize distortion. Rokinon's Ultra Multi-Coating (UMC) further enhances image quality by controlling flare and maintaining high contrast, even in challenging lighting conditions.



Example image demonstrating the wide field of view and sharpness of the Rokinin AF 12mm F2.0 lens in an urban landscape.



Another example showcasing the lens's performance in capturing broad landscape views, such as a scenic coastline.

Maintenance and Care

To ensure the longevity and optimal performance of your Rokinin AF 12mm F2.0 lens, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to gently wipe dust and smudges from the lens surfaces. For stubborn marks, use a specialized lens cleaning solution applied to a microfiber cloth, not directly to the lens.
- **Storage:** When not in use, store the lens with both front and rear caps attached in its provided lens case or a dry, cool place away from direct sunlight and extreme temperatures.
- **Weather Sealing:** The lens features weather sealing and rear protective glass to shield internal optics from dust and moisture. While this provides protection, avoid exposing the lens to heavy rain or submerging it in water.
- **Handling:** Always handle the lens by its barrel, not by the front element or lens hood. Avoid dropping or subjecting the lens to strong impacts.

Troubleshooting

If you encounter issues with your Rokinin AF 12mm F2.0 lens, consider the following common troubleshooting steps:

- **Lens Not Attaching Securely:** Ensure the lens is correctly aligned with the camera's mounting index and rotated until it clicks. Check for any obstructions on the lens mount or camera mount.
- **Autofocus Issues:** Verify that your camera is set to autofocus mode. Clean the lens contacts on both the lens and camera body with a clean, dry cloth. Ensure there is sufficient light for the autofocus system to operate effectively.
- **Image Quality Problems (Blurry/Soft):** Check that the lens is clean and free of smudges. Ensure you are focusing correctly, either manually or with autofocus. Verify that your camera settings (shutter speed, ISO, aperture) are appropriate for the shooting conditions.
- **Lens Not Recognized by Camera:** Power off your camera, remove the lens, and reattach it firmly. Ensure your camera's firmware is up to date, as compatibility issues can sometimes arise with older firmware versions.

If problems persist, please refer to the Warranty and Support section for further assistance.

Specifications

Feature	Detail
Brand	Rokinon
Model Number	IO12AF-E
Focal Length	12 mm (Ultra Wide Angle)
Maximum Aperture	F2.0
Minimum Aperture	F22
Compatible Mountings	Sony E
Lens Construction	12 elements in 10 groups
Minimum Focusing Distance	7.48 inches (19 cm)
Filter Size	62mm
Item Weight	8 ounces (226.8 grams)
Product Dimensions	6.2 x 5.2 x 5.2 inches

Warranty and Support



Your Rokinon AF 12mm F2.0 lens comes with a manufacturer's warranty. Please refer to the included Warranty Card for detailed terms and conditions regarding coverage and duration. For technical support, service, or warranty claims, please contact Rokinon customer service directly.

An electronic version of this user manual is also available for download:[Download User Manual \(PDF\)](#)

Additionally, protection plans are available for purchase to extend coverage beyond the standard warranty. Please check product listings or contact your retailer for more information on available protection plans.

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Related Documents

	<p>Rokinon 50mm T1.5 AS UMC Lens Instruction Manual</p> <p>Instruction manual for the Rokinon 50mm T1.5 AS UMC lens, providing detailed information on component names, lens attachment and detachment, focus adjustment, brightness control, hood mounting, camera settings for various mounts, technical specifications, troubleshooting guide, and essential safety precautions.</p>
	<p>Rokinon AF 85mm F1.4 Lens for Canon RF Mount - Instruction Manual</p> <p>Comprehensive instruction manual for the Rokinon AF 85mm F1.4 Auto Focus lens designed for Canon RF mount cameras. Learn about lens features, advantages, cautions, cleaning, focusing, and product specifications.</p>

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