

Sirui AS-3S-ZS

SIRUI Sniper Autofocus Lens Set (23mm, 33mm, 56mm) for Z Mount - Instruction Manual

Model: AS-3S-ZS

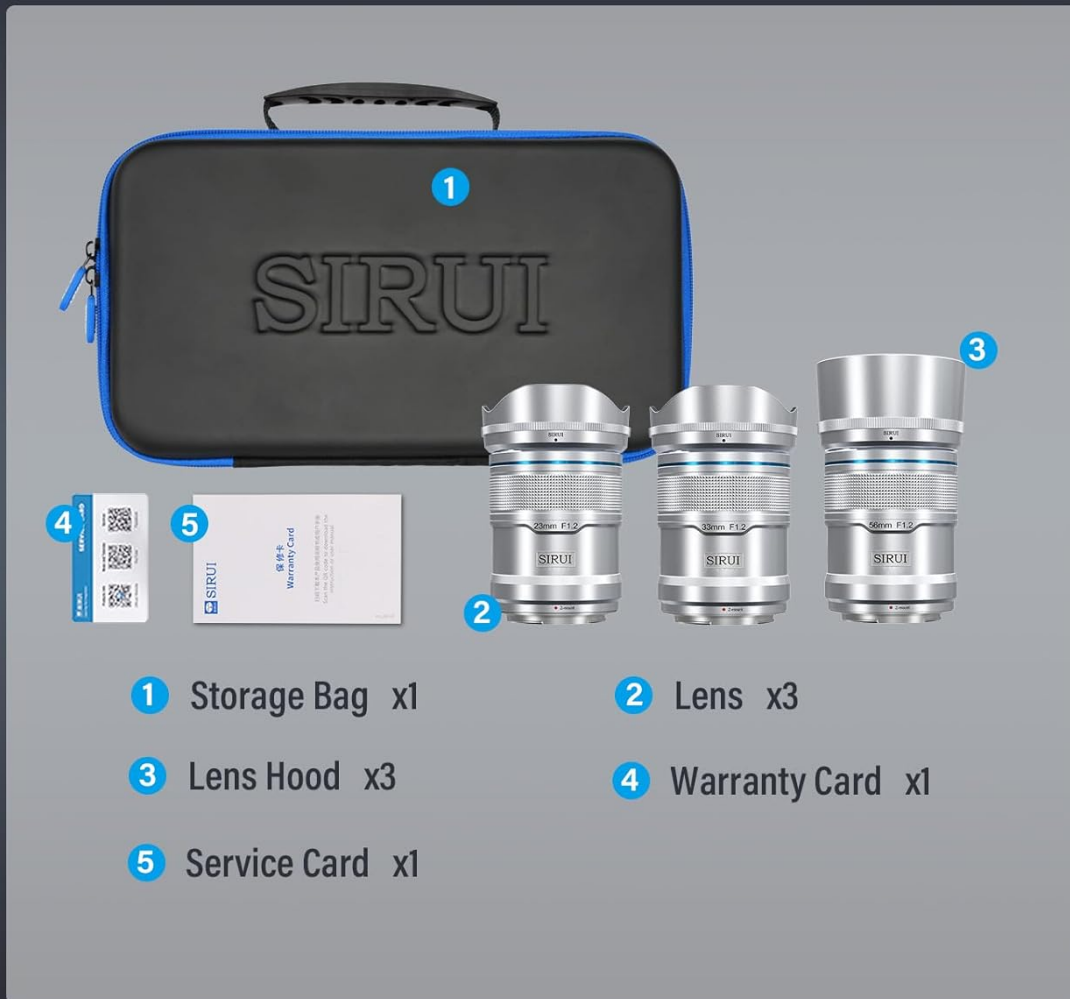
1. INTRODUCTION

This manual provides comprehensive instructions for the SIRUI Sniper Autofocus Lens Set, including the 23mm, 33mm, and 56mm F1.2 APS-C lenses for Z Mount cameras. These lenses are designed to offer a blend of speed, precision, and artistic expression for mirrorless camera users.

1.1 What's in the Box?

- SIRUI Sniper 23mm F1.2 APS-C AF Lens
- SIRUI Sniper 33mm F1.2 APS-C AF Lens
- SIRUI Sniper 56mm F1.2 APS-C AF Lens
- Lens Hoods (3x)
- Storage Bag
- Warranty Card
- Service Card

What's in the box?



1 Storage Bag x1

2 Lens x3

3 Lens Hood x3

4 Warranty Card x1

5 Service Card x1

Figure 1.1: Contents of the SIRUI Sniper Autofocus Lens Set packaging.

2. KEY FEATURES

- **F1.2 Large Aperture:** All three lenses feature a fast F1.2 aperture, ideal for low-light conditions and achieving a shallow depth of field with excellent bokeh.
- **Swift & Silent Autofocus:** Equipped with STM (stepping) focus motors, the autofocus system supports eye AF tracking for accurate and sharp subject acquisition.
- **Outstanding Optical Performance:** Minimal focus breathing and controlled aberration are achieved through ED glass and high refractive index glass, ensuring clear and vibrant images with well-controlled flare and ghosting.
- **Consistent Design:** The lenses share a uniform color tone and consistent physical dimensions, including a 58mm filter thread, for seamless lens swapping and aesthetic consistency.
- **Premium Build:** Constructed with a strong aluminum body, these lenses are sturdy, portable, and lightweight (around 400g each).

Budget friendly F1.2 Aperture Lens

Optical strengths across Sniper series include:

- Bright F1.2 apertures
- Fairly low vignette for F1.2 lenses
- Good focus accuracy for stills
- Focus motor reasonably quiet



Figure 2.1: Optical strengths of the SIRUI Sniper series, including bright F1.2 apertures and good focus accuracy.

Sniper

Quick & Accurate Autofocus

Supporting cameras Eye AF feature helps focus on human eyes easily even if the subject moves fast.

Eye AF Subject Recognition

The complex block features a dark background with the word 'Sniper' in a large, light grey font at the top left. Below it, the text 'Quick & Accurate Autofocus' is written in a bold, white font. Underneath, a smaller line of text explains the Eye AF feature. Two square images are shown side-by-side: the first shows a woman's face in profile with a green box around her eye, labeled 'Eye AF'; the second shows a mushroom on a tree trunk with green boxes around it, labeled 'Subject Recognition'.

Figure 2.2: Quick and accurate autofocus with Eye AF and Subject Recognition capabilities.

STM Motor Design

Brings you quite autofocus experience. Closer but quieter

Quiet Focus
Quieter and closer in video mode

Rapid Response
Quick reaction to capture the moment

The complex block features a dark background with the text 'STM Motor Design' in a bold, white font. To the right, a line of text describes the design. Below this, two square images are shown side-by-side: the first shows a woman in a white dress with a play button icon, labeled 'Quiet Focus'; the second shows a person riding a horse over a jump, labeled 'Rapid Response'. On the right side, there is a large, detailed cutaway image of a lens showing its internal components, with the 'STM Motor' logo in a blue circle.

Figure 2.3: STM Motor Design for quiet and rapid autofocus response.

3. SETUP

3.1 Mounting the Lens

1. Ensure your camera is powered off before attaching or detaching any lens.
2. Align the mounting index on the lens with the corresponding index on your camera body.
3. Rotate the lens clockwise until it clicks into place, indicating it is securely mounted.
4. To detach, press the lens release button on your camera body and rotate the lens counter-clockwise.

3.2 Camera Compatibility

These lenses are designed for Z Mount APS-C cameras. When used with full-frame Z Mount cameras, it is recommended to switch to APS-C/S35 mode to avoid vignetting. Image quality may be compromised in crop mode if not properly configured.

Compatible with Z Mount Camera			
Camera Model	Compatibility	Camera Model	Compatibility
Z5	✓	Z7II	✓
Z50	✓	ZFC	✓
Z6	✓	Z30	✓
Z6II	✓	Z9	✓
Z7	✓	Z8	✓

**Note: For full-frame cameras, please switch to ASP-C/S35 mode or use post-editing to get rid of vignetting. Image quality could be compromised in crop mode.*

Figure 3.1: Compatibility chart for SIRUI Sniper lenses with Nikon Z Mount cameras.

4. OPERATING THE LENSES

4.1 Autofocus Operation

The SIRUI Sniper lenses feature a fast and accurate autofocus system. Ensure your camera's autofocus mode is

set appropriately (e.g., AF-C for continuous, AF-S for single shot). The STM motor provides quiet operation, beneficial for video recording.



Figure 4.1: Camera setup on a gimbal utilizing the quick and accurate autofocus of the SIRUI Sniper lens.

4.2 Aperture Control

The F1.2 maximum aperture allows for significant light gathering and shallow depth of field. For sharper images, especially when shooting wide open, consider stopping down to around F5.6. The lenses maintain consistent color tone across all focal lengths.

SIRUI Sniper

APS-C Auto Focus Lens Set

F1.2

Ultra Fast Aperture



Figure 4.2: Aperture comparison at F1.2, F2.8, and F8.



Figure 4.3: Visual demonstration of F1.2 ultra-fast aperture and its effect on bokeh.

4.3 Firmware Updates

The lenses are equipped with a Type-C port for future firmware updates. Connect the lens to a computer using a USB-C cable and follow the instructions provided on the SIRUI official website for the update process.

5. MAINTENANCE

5.1 Cleaning the Lenses

- Use a blower brush to remove dust and loose particles from the lens surface.
- For smudges or fingerprints, use a clean microfiber cloth specifically designed for optics, along with a lens cleaning solution.
- Avoid using harsh chemicals or abrasive materials that could damage the lens coatings.

5.2 Storage

- Store lenses in a cool, dry place away from direct sunlight and extreme temperatures.
- Always use the provided lens caps and the storage bag to protect the lenses from dust and physical damage.

6. TROUBLESHOOTING

6.1 Soft Images at Wide Aperture

At F1.2, lenses can sometimes appear softer, especially at the edges. This is a characteristic of very fast lenses. To achieve maximum sharpness, stop down the aperture to F2.8 or smaller (e.g., F5.6).

6.2 Vignetting on Full-Frame Cameras

These are APS-C lenses. If used on a full-frame camera, vignetting (darkening at the corners of the image) may occur. To mitigate this, activate the APS-C/S35 crop mode in your camera settings or perform post-editing to crop the image.

6.3 Autofocus Issues

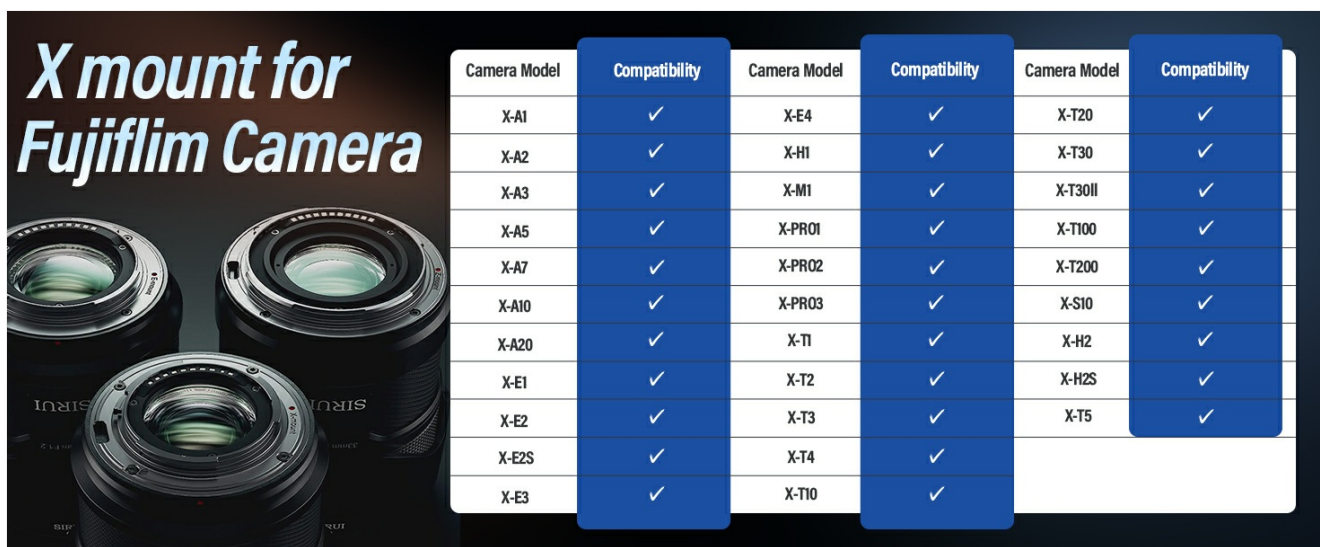
If autofocus is not performing as expected, ensure:

- The lens is securely mounted to the camera.
- Camera firmware and lens firmware are up to date.
- There is sufficient light for the autofocus system to operate effectively.
- The subject has enough contrast for the camera to lock focus.

7. SPECIFICATIONS

Specification	Value
Brand	Sirui
Model Name	23AS12E-B (Individual), AS-3S-ZS (Set)
Focal Lengths	23mm, 33mm, 56mm
Lens Type	Wide Angle (23mm), Standard (33mm), Portrait (56mm)

Compatible Mountings	Z Mount
Lens Design	Autofocus
Focus Type	Auto Focus
Maximum Aperture	1.2 f
Minimum Aperture	16 f
Number of Diaphragm Blades	11
Image Stabilization	Optical
Lens Coating Description	Special Coating
Color	Black (this variant)



X mount for Fujifilm Camera

Camera Model	Compatibility	Camera Model	Compatibility	Camera Model	Compatibility
X-A1	✓	X-E4	✓	X-T20	✓
X-A2	✓	X-H1	✓	X-T30	✓
X-A3	✓	X-M1	✓	X-T30II	✓
X-A5	✓	X-PRO1	✓	X-T100	✓
X-A7	✓	X-PRO2	✓	X-T200	✓
X-A10	✓	X-PRO3	✓	X-S10	✓
X-A20	✓	X-T1	✓	X-H2	✓
X-E1	✓	X-T2	✓	X-H2S	✓
X-E2	✓	X-T3	✓	X-T5	✓
X-E2S	✓	X-T4	✓		
X-E3	✓	X-T10	✓		

Figure 7.1: More details on lens construction and features.

8. OFFICIAL PRODUCT VIDEOS

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Video 8.1: SIRUI FIRST Autofocus Lens - Sniper Series T1.2 AF Lens. This video provides an in-depth look at the features and performance of the SIRUI Sniper Autofocus Lens Set.

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Video 8.2: SIRUI's first autofocus lens-Sniper APS-C T1.2 Lens. An overview of SIRUI's inaugural autofocus lens series, highlighting its key capabilities.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the Warranty Card included in your product packaging. For technical support or further inquiries, please contact SIRUI customer service.

Manufacturer Contact Information: 862-277-1002

