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Sirui Venus Z35

SIRUI 35mm T2.9 1.6X Full-Frame Anamorphic Lens (Z Mount) Instruction Manual

Model: Venus Z35

1. Introduction and Overview

This manual provides essential information for the proper use and care of your SIRUI 35mm T2.9 1.6X Full-Frame Anamorphic Lens, designed for Z Mount cameras. This lens is engineered to deliver a distinct cinematic aesthetic, characterized by a wide aspect ratio, unique lens flares, and oval bokeh.

Key features include full-frame sensor coverage, a 1.6x squeeze factor for a wide cinematic field of view, and a fast T2.9 maximum aperture for low-light performance and shallow depth of field. The lens is constructed with a robust aluminum alloy housing, featuring geared aperture and focus rings for precise control.



Figure 1: The SIRUI 35mm T2.9 1.6X Full-Frame Anamorphic Lens.

2. Setup

2.1 Unpacking and Inspection

Carefully remove the lens from its packaging. Inspect the lens for any signs of damage. Ensure all included accessories are present.

2.2 Attaching the Lens to Your Camera

1. Ensure your camera is powered off.
2. Remove the rear lens cap from the SIRUI 35mm T2.9 lens and the body cap from your Z Mount camera.
3. Align the red dot on the lens barrel with the corresponding red dot on your camera's lens mount.
4. Gently insert the lens into the camera mount and rotate it clockwise until it clicks securely into place. Do not force the lens.
5. Replace the front lens cap when not in use.



Figure 2: The SIRUI 35mm lens securely mounted on a camera body.

2.3 Camera Compatibility

This lens is designed for Nikon Z Mount cameras. Compatible models include, but are not limited to, Nikon Z5, Z6, Z7 II, Z8, Z50 II, and Z9.



Figure 3: Compatible Nikon Z Mount camera models.

3. Operating the Lens

3.1 Manual Focus Operation

The SIRUI 35mm T2.9 lens features a manual focus design. Rotate the focus ring to adjust the focus distance. Utilize your camera's focus peaking or magnification assist features for precise focusing.

3.2 Aperture Control

The lens has a geared aperture ring for smooth and silent aperture adjustments, ranging from T2.9 to T16. The T-stop (transmission stop) rating provides a more accurate measure of light transmission compared to f-stops, which is beneficial for consistent exposure in cinema applications.

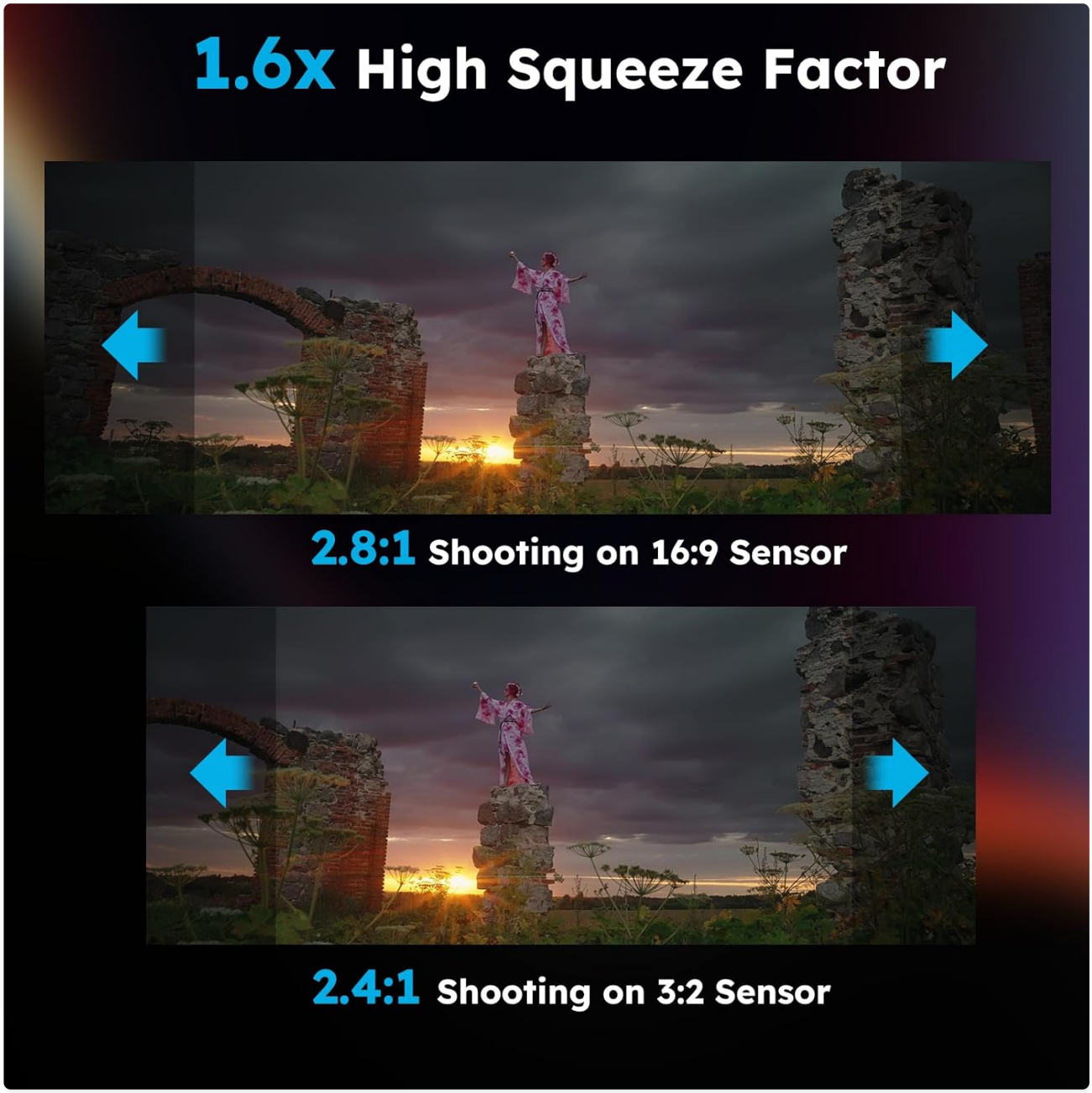


Figure 4: Focus and aperture rings for manual control.

3.3 Understanding Anamorphic Squeeze

This 1.6x anamorphic lens horizontally compresses the image onto the sensor. To view the image correctly, it must be 'de-squeezed' either in-camera (if supported) or during post-production. When shooting in a 3:2 sensor mode, the lens produces a 2.4:1 aspect ratio. When shooting in a 16:9 sensor mode, it achieves an even wider 2.8:1 aspect ratio.

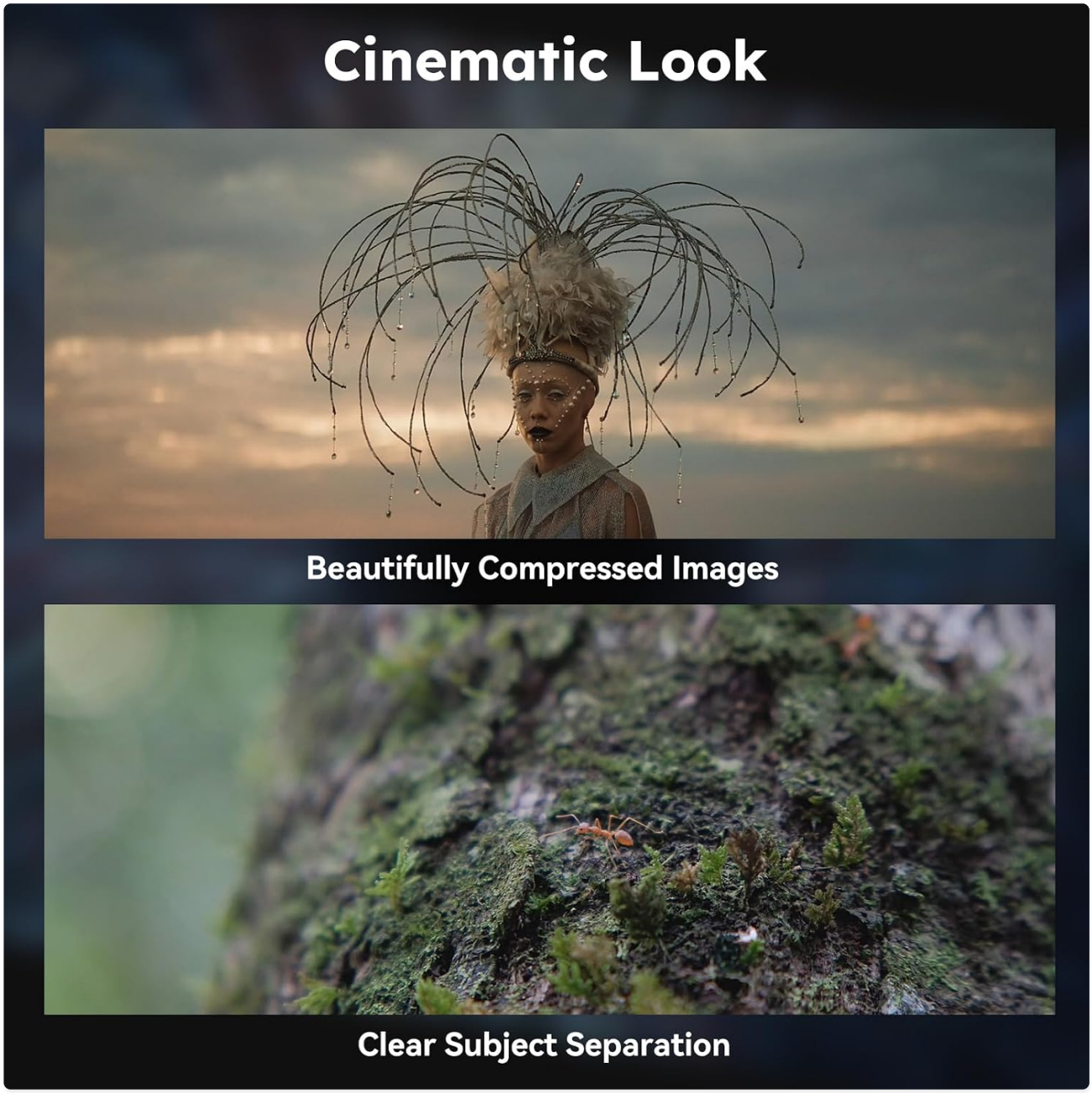


Figure 5: Visual representation of the 1.6x squeeze factor and resulting aspect ratios.

3.4 Cinematic Characteristics

The anamorphic design of this lens creates distinctive cinematic effects:

- **Oval Bokeh:** Out-of-focus highlights appear as elongated ovals, adding a unique aesthetic to your footage.
- **Blue Lens Flares:** Point light sources can produce characteristic horizontal blue streaks, enhancing the cinematic feel.



Figure 6: Examples of blue lens flares and oval bokeh.

3.5 Minimum Focusing Distance

The minimum focusing distance for this lens is approximately 0.9 meters (3 feet). Be aware of this limitation when planning close-up shots.

4. Maintenance

4.1 Cleaning the Lens

- Use a soft, lint-free cloth or a lens brush to remove dust from the lens surfaces.
- For smudges or fingerprints, apply a small amount of lens cleaning solution to a microfiber cloth and gently wipe the lens in a circular motion.
- Avoid using abrasive materials or harsh chemicals, as these can damage the lens coatings.

4.2 Storage

- Always store the lens with both front and rear caps attached to protect the optical elements.

- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, consider using a dehumidifying agent to prevent mold growth.

4.3 Handling Precautions

- Avoid dropping or subjecting the lens to strong impacts.
- Do not attempt to disassemble the lens, as this will void the warranty and may cause irreparable damage.
- Protect the lens from water and excessive moisture.

5. Troubleshooting

5.1 Image Appears Stretched or Compressed

This is normal for anamorphic lenses. Ensure you are de-squeezing the footage in your camera's monitor settings or during post-production editing to view the correct aspect ratio.

5.2 Difficulty Achieving Sharp Focus

- As a manual focus lens, precise adjustment is required. Utilize your camera's focus peaking, magnification assist, or external monitor with focus tools.
- Ensure the lens is securely mounted to the camera body.

5.3 Lens Not Mounting Securely

Verify that the lens mount is clean and free of debris. Ensure proper alignment of the red dots on the lens and camera body before rotating to lock. If the issue persists, consult a qualified technician.

6. Specifications

Feature	Specification
Brand	Sirui
Model Number	Venus Z35
Focal Length	35mm
Anamorphic Squeeze	1.6x
Maximum Aperture	T2.9
Minimum Aperture	T16
Lens Mount	Z Mount (for Nikon)
Lens Structure	18 Elements in 13 Groups
Aperture Blades	10
Support Format	Full-Frame
Minimum Focusing Distance	0.9m (3ft)
Focus Method	Manual Focus

Feature	Specification
Filter Thread Size	M82 x 0.75
Rotation Angle of Focus Ring	120°
Item Weight	971g (2.14 lbs)
Product Dimensions	4.69 x 3.46 x 3.46 inches

7. Warranty and Support

7.1 Warranty Policy

SIRUI camera lenses purchased from SIRUI USA are eligible for free replacement within 3 years from the date of purchase. This warranty covers optical, electronic, or mechanical defects under normal use conditions. Lifetime repair support is also available at applicable service costs.

Note: Customer-caused damage requires fee-based repair services.

7.2 Customer Support

For technical assistance, warranty claims, or any other inquiries regarding your SIRUI 35mm T2.9 1.6X Full-Frame Anamorphic Lens, please contact SIRUI customer service through their official website or authorized distributors.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Details

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