LAOWA S35 Argus 33mm T1.0 Cine

使用手册
Instruction Manual

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LAOWA 老蛙

Preface

Thank you very much for purchasing Laowa S35 Argus 33mm T1.0 Cine wide-angle lens. This is an ultra-fast T1.0 lens for mirrorless S35camera systems which features an internal focusing design. This lens is suitable for shooting video with a declicked aperture ring and minimal focus breathing.

⚠ *Read this operation manual carefully to familiarize yourself with its contents and ensure that you can operate the product properly. Keep the Instruction Manual in a safe place where it can easily be referenced whenever required. If you are still unable to solve the problem by reading the manual, please contact our after-sales service for further technical support.*

Main features

- 1.The Argus range features an internal focusing design, which is the mainstream photographic lens design of modern lenses. This lens employs multiple groups of floating matching focus. It works to correct any aberrations and to achieve corner to corner sharpness at all focal distances. The design of the internal focus can also be in the harsh environment to avoid as much as possible into the case of gray. The physical size of an internal focusing lens does not change during focus. It is useful for shooting videos when using filters or accessories mounted on the front of the lens that may require careful alignment. The internal focusing design achieves a low breathing effect by inter-group interval correction, which is suitable for the photo shooting while also being more suitable for video shooting.
- 2.This lens is compact and lightweight. It measures only 85mm in diameter, 98mm long and weighs 700g.
- 3.The maximum aperture of this lens is T1.0 A fast aperture brings a shallow depth of field for more prominent shots of the subject, and at the same time, you can use a low ISO in low-light shooting environments for a purer picture.
- 4.The lens employs a de-clicked aperture design. Changing the aperture won' t bring obvious changes in light during the video shooting. The optical design optimizes for a lower breathing effect and focuses switching becomes more natural and smooth.
- 5.The lens is constructed of 14 elements in 9 groups, including one aspherical element, one extra-low dispersion element and three high-refractive index elements. The all-metal structure ensures the lens' assembly accuracy and reliability.

Matters needing attention

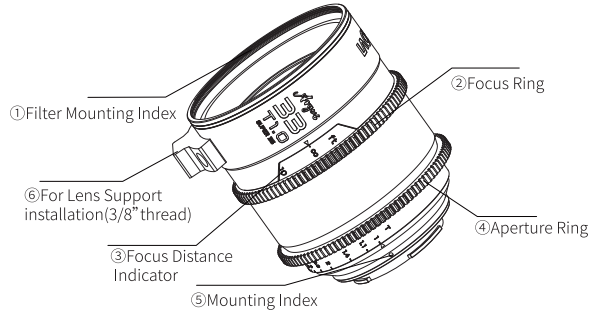
⚠ Safety Precautions

- Do not disassemble, modify the lens by yourself. Do not touch the internal parts that become exposed as the result of external force.
- Do not leave the lens where it will be exposed to high temperatures, such as in direct sunlight and an enclosed vehicle. Excessive heat may deform the glass elements and other parts of the lens.
- Whether it is attached to the camera or not, do not leave the lens under the sun without the lens cap attached. This is to prevent the lens from concentrating the sun' s rays, which could cause a fire.
- Do not place the sun in the frame center when shooting with backlight. Doing so might cause a fire or harm your eyes.
- The camera' s built-in flash will cause barrel shadow if used with this lens. For best results, please use an external flash unit.

Precautions for long-term use and maintenance

- Do not touch the surface of the lens directly. Brush off any dust with a blower. Wipe the surface with a cleaning cloth or a lens tissue.
- Try a circular motion from the center outward to remove oil, fingerprints and grime on the lens surface.
- If your lens is brought directly from a cold place to a warm place, condensation may appear on the lens. To avoid this, be sure to take some action to protect the lens.

Nomenclature



To attach the Lens

Remove the rear lens cap. Align the mounting index⑤ on the lens bayonet with the mounting index on the camera, and place the lens on the camera mount, then rotate the lens according to the proper direction of the mount type until it locks. Do not use excessive force during installation to avoid damage to the bayonet.
After attaching the lens, please try to rotate the lens to make sure it mounted onto the camera properly.

To remove the lens

Turn the camera off. While pressing and holding the lens release button on the camera, rotate the lens in the reverse direction for attaching the lens until it stops, then detach the lens.

Focusing

This is a fully manual lens. Rotate the focusing ring② slowly to get focus.
Turn the focus ring slowly and gently to prevent the focus mechanism from damage.
To get precise focus, it is recommended to focus wide open when the camera position is fixed. Get focus first, then set the desired aperture by turning the aperture ring.
Turn on the focus peaking on the camera to help focusing. (Note that the function depends on camera models.)

Setting the Aperture

Aperture is set through the aperture ring on the lens. The aperture is de-clicked. According to the shooting situation and desired depth of field, rotate the aperture ring on the lens to the corresponding aperture. It is recommended to check the aperture value before shooting to avoid unintended changing the value.
Since the lens has no CPU data, the aperture value can' t be recorded.

Focusing Methods

Method 1 Focus Peaking

①Turn on the Focus Peaking on the camera. Chose the red color or other commonly used colors. Sets the Peaking Level to low.
②Check the frame by the viewfinder or [Live View] on the camera and try to get focus by Focus Peaking.
③Rotate the focus ring to achieve precise focus.

Method 2 Focus Magnification

Set the frame first. Turn the focus ring while you are checking the image through the viewfinder or [Live View] on the camera. magnify the focus by press the button on the camera or double click the screen, then turn the focus ring to get focus.

Note: Since the depth-of-field is very shallow at T1.0, it is recommended to use a tripod and set the camera to the safe shutter speed to ensure picture stability during shooting. Focusing is recommended to use a combination of peaking and magnification to ensure a sharp image.

Specifications

Laowa S35 Argus 33mm T1.0 Cine	
Format	S35
Focal distance	33mm
Aperture range	T1.0-11
Angle of field of view	46.2°
Lens structure	14 elements/ 9 groups (Aspherical Lens*1, ED glass*1, UHR glass*3)
Aperture Blades	9pieces
Min. Shooting Distance	35cm
Max. Magnification	0.125times
Focusing	Manual (MF)
Filter Thread	Φ77mm
Dimensions	Φ85mm*98mm
Weight	About 700g (without lens hood and both front cap)
Mounts	E/X/Z/RF