LAOWA FFII Argus 35mm T1.0 Cine

使用手册
Instruction Manual

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LAOWA 老蛙

Preface

Thank you very much for purchasing LAOWA FF Argus 35mm T1.0 Cine wide-angle lens. This is a wide-angle ultra-fast T1.0 lens for mirrorless full frame systems which features an internal focusing design. This lens is suitable for shooting videos with a declicked aperture ring and minimal focus breathing.

⚠ *For operational safety, please read the manual and precautions carefully before using this product, and keep the manual at a place that is easily accessible when needed. If you encounter a problem that cannot be solved, please ask for technical support through email.*

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 portable adopting lightweight design, which can be used on full frame cinematographs. It measures only 85mm in diameter, 103.8mm long and weighs 950g.
- 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, resulting in high-quality imaging. The all-metal structure ensures the durability of the lens for long-term use.

Precautions

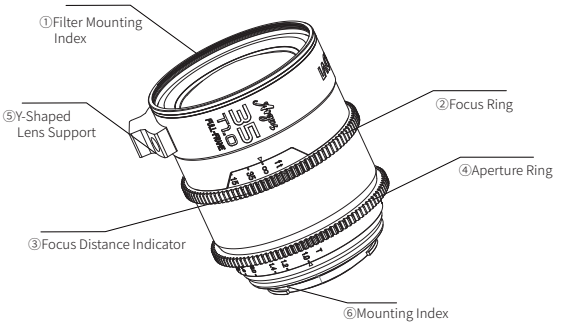
⚠ Safety Precautions

- Do not disassemble, modify, or modify the product by yourself. When the product is damaged due to external force, do not touch the exposed part or the edge along the damaged part.
- Do not place the product in direct sunlight, in a closed vehicle, or other places with high temperature, or otherwise deformation in the form of expansion or contraction of the lens and other parts will occur under an excessive temperature.
- When the lens is not in use, please cover it with the front lens cap or place it at a place out of direct sunlight. Light reflected from a convex lens can collect on nearby objects, and cause a fire.
- When shooting in backlighting, do not place the sun in the center of the frame, and the sun shall be well off the angle of picture, or otherwise the sunlight will gather inside the camera and cause a fire or burn your eyes.
- When shooting is done with the built-in flash, vignetting will occur since the lens itself blocks the light, so shooting with an external flash is recommended.

Maintenance Precautions

- 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.

Name of each part



To attach the Lens

Remove the rear lens cap. Align the mounting index⑥ 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.

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

Set the frame first. Turn the focus ring while you are checking the image through the viewfinder or [Live View] on the camera. After setting the composition, 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

FFII Argus 35mm T1.0 Cin	
Format	Full Frame
Focal Distance	35mm
Aperture Range	T1.0-16
Angle of View	63.4
Lens Structure	14 elements in 9 groups
Aperture Blades	15
Focus Throw	270°
Aperture Throw	84°
Focus Indicator	Foot/Meter
Min. Shooting Distance	50cm
Max. Magnification	0.11X
Focusing	MF
Follow Focus Pitch	0.8mm
Filter Thread	Φ77mm
Dimensions	103.86mm*Ø84.8mm
Weight	About 950g (without lens hood and both front cap)
Mounts	E、Z、R