S35 Nanomorph 65mm T2.4 1.5X Cine

使用手册
Instruction Manual

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LAOWA 老蛙

Preface

Thank you very much for purchasing LAOWA S35 Nanomorph 65mm T2.4 1.5X Cine widescreen cinema lens. This lens is an anamorphic widescreen lens for the S35 format system, which can achieve a 2.4:1 cinema widescreen ratio. The lens not only is compact and lightweight but also has the optical characteristics of an anamorphic widescreen lens with horizontal flare and oval bokeh.

⚠ *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 lens is capable of shooting wide-format video in 16:9 shooting mode and can achieve a 2.4:1 cinema wide screen ratio.
- 2.The lens adopts a lightweight design with the size of only φ67*132mm and the weight of about 690g. It is compact and portable, and can be used with an S35 format cinematograph.
- 3.The maximum aperture is T2.4, which brings a shallow depth-of-field shooting effect and makes the shooting subject more prominent. At the same time, in the low-light shooting environment, a lower light sensitivity can be adopted to make the image more pure.
- 4.The lens has the unique horizontal flare of anamorphic widescreen lenses, which can present blue, amber or silver horizontal flare. Meanwhile, it has the optical characteristics of oval bokeh.
- 5.The lens consists of 15 elements in 13 groups, which can bring high quality imaging. The external mechanical structure is made of all-metal material to guarantee the durability of the lens for long-term use.

Precautions

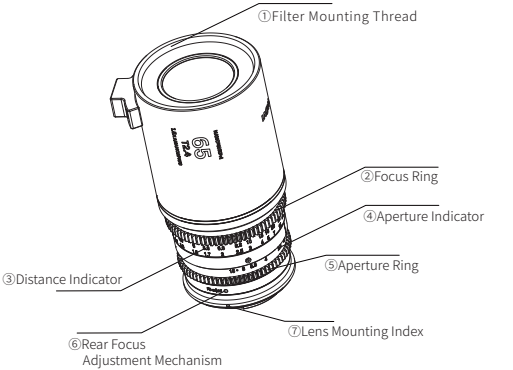
⚠ Safety Precautions

- 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 only use an external flash unit.

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 index ⑦ 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.

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.

After installing the lens, please try rotating it to make sure it is fixed to the camera.

Focusing

This is a fully manual lens. Rotate the focus ring ② slowly to get focus.

Turn the focus ring slowly and gently to prevent the focus mechanism from damage.
The distance scale ③ and depth of field scale are for instructional purposes. Actual focus and DOF may slightly differ from those scale indications.
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. It adopts the declicked aperture design, which allows to switch without paragraph sense. According to the shooting environment and the required depth of field, you can turn the aperture ring to select the corresponding aperture. It is recommended to check the aperture value before shooting so as not to change the shooting parameters by mistake.
Since this lens has no CPU data, the aperture values cannot be recorded.

Focus Peaking

①Turn on the Focus Peaking on the camera. Choose 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.

Rear Focus Adjustment

The flange distance of different movie machines may vary slightly. If the focal distance is shifted, please use an Allen screwdriver to loosen the three screws at the end of the lens (as shown) and adjust the rear focus by rotating the adjustment mechanism.

Horizontal flare

This lens is divided into three versions: blue horizontal flare, amber horizontal flare and silver horizontal flare, which can be used according to actual needs.

Specifications

S35 Nanomorph 65mm T2.4 1.5X Cine	
Format Compatibility	S35
Focal Distance	65mm
Aperture Range	T2.4-T16
Horizontal Angle of View	36.8°
Vertical Angle of View	15.8°
Lens Structure	15 elements in 13 groups
Aperture Blades	13
Horizontal Flares	Blue/Amber/Silver
Min. Focusing Distance (Object Image Distance)	70cm
Imaging Coverage	28.8*18mm
Focus Mode	Manual (MF)
Focus Throw	About 270°
Filter Thread	Ø62mm
Dimensions	Ø67m*132mm
Weight	E:690g PL:815g (Without front cap, rear cap and lens hood)
Mounts	X/R/E/DL/L/Z/M43/PL/EF