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LAOWA S35 Nanomorph 35mm T2.4 1.5X Cine

使用手册
Instruction Manual

LAOWA 老蛙

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Please note we reserve the right to change our product's
design and specifications at any time without notice and
to the final interpretation of the *Instruction Manual*.



Preface

Thank you for purchasing LAOWA S35 Nanomorph 35mm T2.4 1.5X Cine. This lens is an anamorphic lens for the Super35 system, which a 2.4:1 cinema widescreen can be achieved. The lens is compact and light in weight. With the optical properties of an anamorphic lens, this lens could produce cinematic horizontal flares and artistic 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.



Main features

- 1. 2.4:1 cinematic widescreen ratio can be achieved in a 16:9 sensor after de-squeeze.
- 2. The lens is compact and light. It measures $\phi 60 \times 90$ mm and weighs 360g (11.04oz), which is handy for many filming set-ups.
- 3. The maximum t-stop is T2.4, which is able to create shallower field depth for prominent bokeh and blurry background effect. In the meantime, the camera settings are less restricted in the low-light shooting conditions.
- 4. It produces amber/blue horizontal flares which bring cinematic touch to the images.
- 5. The lens is built to be fully metal, which ensures the durability of the lens for long-term use.

Matters needing attention

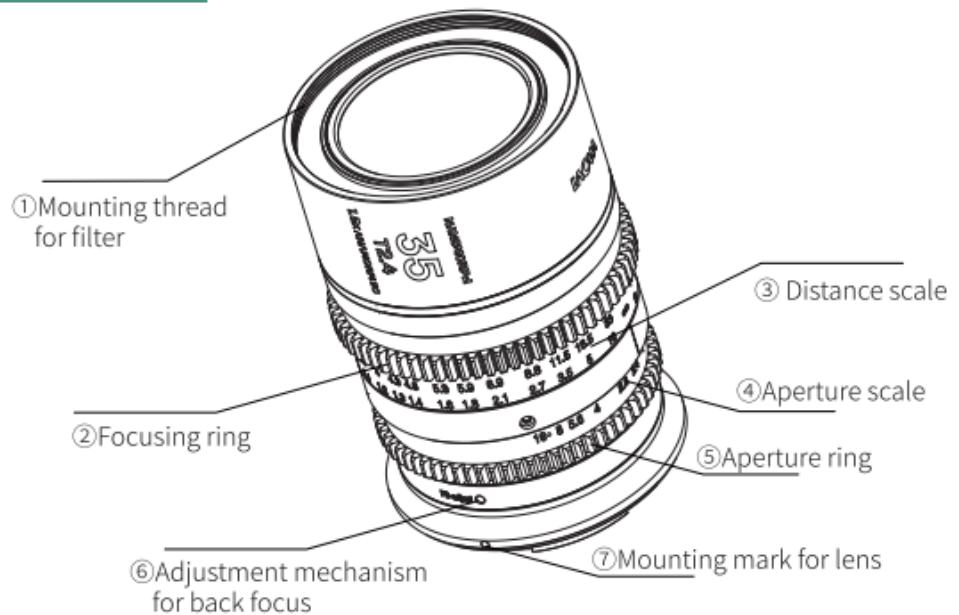
■ Safety Precautions

- 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 for long-term use

- Touching of the surface of the lens shall be avoided. Instead, a special lens cloth or air blower shall be used to remove dust from the surface of the lens, and the lens shall be covered with a cap when it is not in use.
- When cleaning with lens tissue or lens cloth, wipe dirt and fingerprints off the lens starting from the center and then moving outward in a spiral manner.
- When the lens is suddenly transferred from a cold environment to a warm environment, water will condense on the outside and inside of the lens, so moisture protection measures shall be taken during the transfer.

Name of each part



■ Mounting of lens

Remove the rear lens cap. Align the mounting mark ⑦ on the lens mount with the corresponding mark on the seat on camera body, then insert the lens into the seat, and turn the lens in the mounting direction of the purchased mount till the lens is locked with a click. Do not use excessive force when installing, so as not to cause damage to the mount.

■ Removal of lens

After turning off the camera, press and hold the lens release button on the camera, rotate the lens in the direction opposite of the mounting direction of the purchased mount, and then pull the lens out of the mount.

After mounting the lens, try rotating it to confirm that it is secured on the camera.

■ Focusing

This lens is a fully manually focused lens. When focusing is being performed, slowly rotate the focus ring ② until focus is achieved. Do not rotate the focus ring too hard or too fast to avoid damaging the focus ring parts with excessive force.

The distance scale ③ and field depth scale on the lens are for guidance purposes. The actual focus and depth of field may be slightly different from the scale marking.

If very precise focus is needed, please perform focusing using the maximum aperture with the camera position fixed, and then turn to the required aperture value after the focusing is done.

For the convenience of focusing, please turn on the peaking focus function in the camera (depending on functions of the camera used).

■ Use of aperture

The aperture is adjusted on the lens body. A stepless aperture design is adopted. The aperture switching is with no paragraphed sense. The corresponding aperture can be selected according to the shooting environment and the required field depth by turning the aperture ring on lens body. It is recommended that the aperture value be checked before shooting to avoid changes to shooting parameters due to touch by mistake.

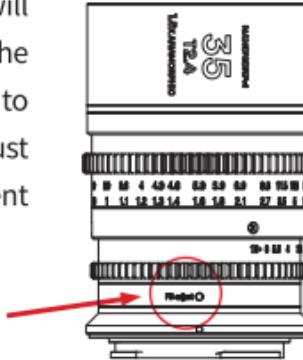
As this lens is with no CPU data, it is impossible for the lens to record aperture parameters.

■ Peaking focus

1. Turn on the peaking focus by camera body option, and choose red or other common colors for the peak color, and low for the peak option.
2. Observe through the viewfinder or by turning on the Live View function, and observe the focusing point with the help of the peak value.
3. Turn the focusing ring to focus on the object precisely.

■ Adjustment of back focus

The flange distance of different cinematographs will be slightly different. If there is a deviation in the focus distance, please use an Allen screwdriver to loosen the screw (as shown in the figure), and adjust the back focus by rotating the adjustment mechanism.



Specifications

S35 Nanomorph 35mm T2.4 1.5X Cine	
Format	S35
Focal length	35mm
T-stop range	T2.4-T16
Horizontal angle of view	57.5°
Vertical angle of view	25.8°
Lens structure	15 elements in 13 groups
Aperture blade	13
Horizontal flares	blue/orange
Minimum shooting distance	60cm
Image circle	25.6*16mm
Focus mode	Manual focusing (MF)
Focus throw	Approximately 270°
Filter thread	Ø55mm
Dimensions	Ø60mm*90mm
Weight	About 360g (without front and rear cap)
Mount	X/R/E/DL/L/Z/M43/PL/EF