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LAOWA 7.5mm T2.1 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 very much for purchasing LAOWA 7.5mm T2.1 Mirrorless Cine Lens. This lens is an ultra-wide lens for MFT cameras. Read this operation manual carefully to familiarize yourself with its contents and ensure that you can operate the product properly.



⚠ *In order to ensure the safety of operation, please read the User's Manual and Precautions carefully before using this product, and put the Manual in a place that is easily accessible when needed. If you encounter any problem that cannot be solved, please call after-sales for technical support.*

MAIN FEATURES

- Special double-sided aspherical glass elements are incorporated into the extremely compact lens which can provide remarkable optical performance and low distortion imaging.
- Three pieces of ED (Extra-low Dispersion) glass elements are included to achieve the apochromatic effect.
- All-metal mechanical construction ensures the lens' high assembly precision and long-lasting durability.
- The Frog Eye Water-repellent Coating, known as 'FEC', applied to the first glass of the lens front element surface contributes to protecting against water droplets, smudges and oil. Multi-layer Anti-reflection (AR) Coating applied to every lens element is designed to eliminate ghosting and flare as possible.

PRECAUTIONS

⚠ Safety Precautions

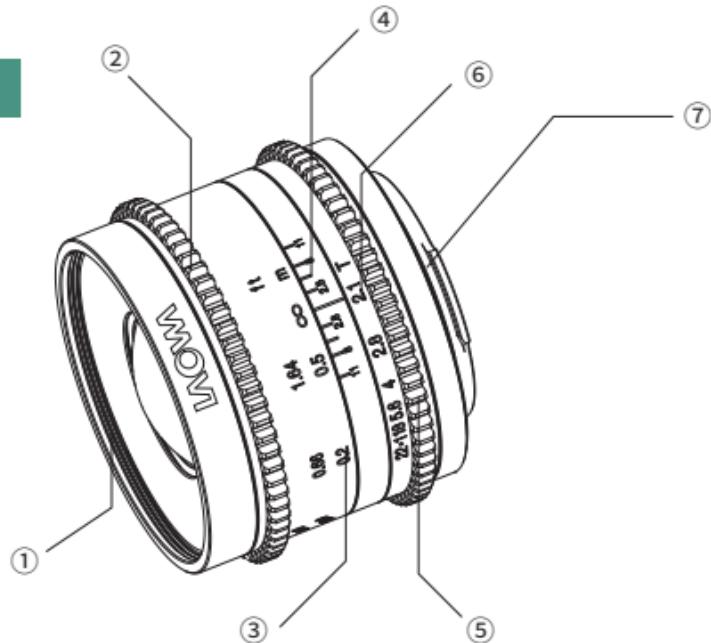
- Do not disassemble or modify the lens by yourself. If it is damaged by external force, do not touch any exposed part of the lens.
- Don't expose the lens to excessive heat such as direct sunshine or a parked car as this may deform the lens elements and other mechanisms.
- Keep the lens cap attached or place the lens in a place where there is no sunlight when storing. The light reflected by the convex lens gathering on a nearby object can 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.
- When shooting with the camera's built-in flash, the lens itself may block light and cause vignetting, an external flash is recommended in such a case.

PRECAUTIONS

Maintenance Precautions

- Avoid touching the lens surface. Remove the dust on the lens surface with a lens cloth or a blower. Keep the lens cap attached.
- Using a circular motion with a lens tissue or cleaning cloth, gently remove oil, fingerprints, and grime from the lens surface, working from the center outward.
- If the lens is taken from a cold environment into a warm one, condensation may develop on the lens surface and internal parts. To prevent condensation in this case, please take measures to protect against moisture before moving the lens.

NOMENCLATURE



① : Filter thread ② : Focusing ring ③ : Distance scale
④ : Depth-of-field scale ⑤ : Aperture ring ⑥ : Aperture scale
⑦ : Lens mounting index

DIRECTION FOR USE

Mounting the Lens

- Remove the lens rear cap. Align the mounting index⑦ on your lens with the matching mounting index mark on the movie camera. Insert the lens into the movie camera and turn the lens in the attachment direction until it locks with until it locks with a click. Do not apply too much force in case of damage to the mount.

Detaching the Lens

- Turn the movie camera off and press the lens release button on the camera, turn the lens in the direction opposite to that for attaching, and pull it out.
- Gently turn the lens back and forth to ensure that the lens is fully attached to the movie camera.

INSTRUCTIONS

Focusing

- This lens is a full manual focus lens. When focusing, slowly rotate the focus ring ② until it is in focus.
- Do not over-boom the focus ring too quickly to avoid excessive damage to the focus ring.
- The distance scale ③ and the depth of field ④ on the lens are for instructional purposes. The actual focus and depth of field may be slightly different from the tick mark.
- For very precise focus, when the camera position is fixed, use the maximum aperture to focus, and then rotate to the desired aperture value after the focus is complete.

INSTRUCTIONS

Aperture Instructions

- Turn the aperture ring⑤on the lens to choose the corresponding aperture according to the shooting situation and desired depth-of-field.
- As a Non-CPU lens, the camera cannot record the actual aperture value.



SPECIFICATIONS

LAOWA 7.5mm T2.1 Cine	
Model	LAOWA 7.5mm T2.1 Cine
Format	M4/3
Focal Length	7.5mm
T-stop	2.1-22
Lens Structure	13 elements in 9 groups
Aperture Blades	7
Min. Focusing Distance	12cm
Image Coverage	Ø21.6mm
Maximum angle of view	110°
Front Diameter	Ø52mm
Dimensions	Ø56mmX46mm
Weight	170g
Mounts	M4/3

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