LAOWA MFT 6mm T2.1 Cine

使用手册
Instruction Manual

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LAOWA 老蛙

Preface

Thank you sincerely for purchasing LAOWA MFT 6mm T2.1 Cine wide lens. It is MFT system ultra wide lens. The lens adopts compact design and makes it tiny size and portable.In order to you can get fully understanding on product usage method and precautions,please read the manual carefully before you use.

⚠ *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.*

Features

- 1. The lens adopts mini design,and the size is only 61mm*53mm, weighing 180g, which matches with M43 frame camera make it tiny size and portable.
- 2. The mechanical structure made of 100% metal materials effectively guarantee the lens assembly accuracy and ensure the long-term durability of the lens.
- 3. There are 3 groups of 13 lenses inside, including 2 aspherical lens structure which can take high-quality image .

Precautions

⚠ Safety Precautions

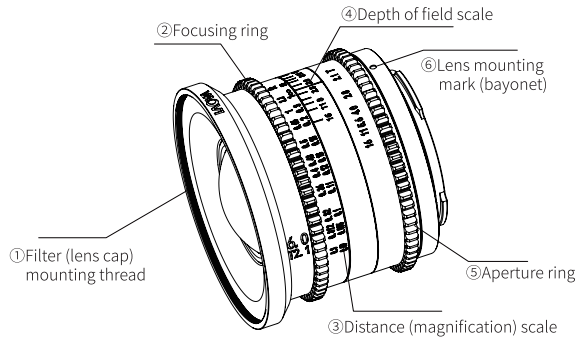
- Do not disassemble, modify the lens by yourself. When the product is damaged due to external force, do not touch the exposed part or damaged edge.
- Do not leave the lens exposed to sunlight and closed vehicle or other high temperature places, otherwise excessive heat may deform the glass elements and other parts of the lens.
- When you do not use the lens,please cover front cap or leave it in a shade place,convex lens reflects light may be gathered on near objects and causes a fire.
- Do not place the sun in the frame center when shooting with backlight,you should make the sun deviates from the center to the corner,otherwise sunlight will be gathered in the camera and cause a fire or burn your eyes.
- The camera' s built-in flash will cause vignetting because the lens shelters light. It is recommended you use external flash.

Precautions

Long-term maintenance and precautions

- Do not touch the lens contacts. Clean by a lens cloth or a blower to remove the lens dirt.Always place the lens cap on the lens when storing.
- When you use lens paper or lens cloth to clean,remove the dirt and fingerprints on the lens from the middle to the outside in a spiral way.
- When the lens is suddenly transferred from a cold environment to a warm environment, the external and internal lenses will condense water mist, so moisture-proof protection measures should be taken during the transfer.

Nomenclature



To install the Lens

Remove the rear lens cap. Align the mounting mark⑥on the lens bayonet with the mounting mark on the camera seat ring, then insert the lens into the camera seat ring and rotate it in the direction for your lens version 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 the lens release button on the camera, rotate the lens in the opposite direction , then detach the lens from seat ring .

After installation of the lens, please try to rotate the lens to make sure it mounted onto the camera properly.

Focusing

This is a fully manual focusing lens.In-focus rotate the focusing ring ②slowly until to the end.

Turn the focus ring slowly and gently to prevent the focusing mechanism from damage.

The distance scale③and depth of field scale are for instructional purposes only. Actual focus and depth of field may slightly differ from those scale indications.

To get precise focusing, it is recommended to focus through max aperture when the camera position is fixed. After finish focusing, then set the desired aperture by rotating the aperture ring.

For the focusing convenience,please turn on peak focusing function on the camera (Note that the function depends on camera models.)

Setting the Aperture

Aperture is adjusted through the lens. According to the shooting situation and desired depth of field, rotate the aperture ring⑤to the corresponding aperture.

Since the lens has no CPU data, the aperture value can not be recorded.

Focusing Tips

Method 1 Estimate focusing distance firstly,then to start focusing.

- ①Estimate focus distance firstly, and then rotate the focusing ring to the desired distance scale.
- ②Observe the image by viewfinder or [Live View] on the camera and rotate focusing ring to start focusing.
- ③Rotate the focusing ring to achieve precise focusing.

Method 2

- Set the frame firstly,then through viewfinder or [Live View] to observe the image,at the same time to rotate focusing ring.After constructing the shooting picture then make focusing method 1 ②、③step.

  For high magnification shooting, because of extremely short working distance of the lens, it is very easy to touch the objects,please be careful .

  Magnification refers to the proportional relationship between the size of an image recorded on a sensor or film to the actual size of the object.

Specifications

MFT 6mmT2.1 Cine	
Format	MFT
Focal Distance	6mm
T Value Range	T2.1-16
Angle of View	121.9°
Lens Structure	three groups 13PCS(two aspherical lenses)
Aperture Blades	7
Min. Shooting Distance	9cm
Max. Magnification	0.18X
Focusing	MF
Filter Thread	Φ58mm
Dimensions	about ϕ61mm*53mm
Weight	about 180g (exclude hood and front and back caps)
Mounts	MFT