FF 15mm F4.5 Wide Angle MACRO 1:2

使用手册
Instruction Manual

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Preface

Thank you very much for purchasing FF 15mm F4.5 Wide Angle MACRO 1:2 full frame macro lens. This lens can shoot from infinity to 0.5X magnification. With 3 ED glasses, it can maximize the elimination of chromatic dispersion. Whether it is macro or infinity, it can get excellent image quality in the focus range, providing users with stable and reliable support. It can take pictures of small objects, such as small insects, jewelry, etc.

⚠ *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.FF 15mm F4.5 Wide Angle MACRO 1:2 is different from traditional macro lens. On the basis of full frame system of high-performance imaging, this lens can achieve high resolution image quality from infinity to macro. Besides, under macro mode, it can get amazing 0.5X magnification of objects. With the help of 3 ED glasses, this lens has no obvious chromatic dispersion under 0.5X magnification. The higher magnification gives users more space for creation.

- 2.It adopts 5 aperture blades. When fully open, the aperture is square and ten-point dazzling sunstars can be produced.

- 3.This lens is constructed of 16 elements in 11 groups, which can bring high resolution imaging. The all-metal structure ensures durability of the lens for long-term use.

Precautions

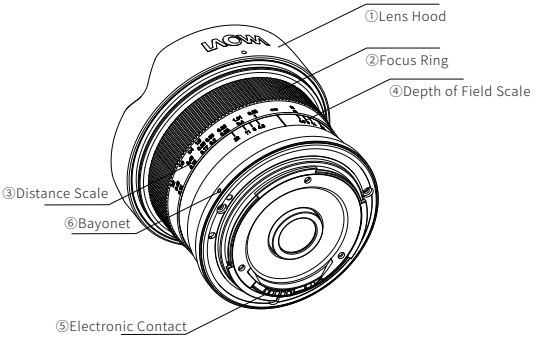
⚠ Safety Precautions

- 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.

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



Instructions

To attach the Lens

Remove the rear lens cap. Align the mounting index ⑥ on the lens bayonet with the mounting index on the camera. Place the lens on the camera mount and attach the lens according to the proper installation method of the mount type. 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.

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 ④ 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.
For the ease of focusing, turn on the focus peaking on the camera. (Note that the function depends on camera models.)

Macro Photography Mode

The maximum magnification is 0.5X and the minimum focusing distance is 12.9cm.

Setting the Aperture

Aperture is set through the aperture ring on the lens. According to the shooting situation and the desired depth of field, rotate the aperture ring ④ on the lens to the corresponding aperture.
The EF mount version is designed with electronic aperture, which has CPU data and can record aperture values.
Other mount versions have no CPU data, therefore, the aperture values cannot be recorded.

Focusing Methods

Method 1 Focus after magnification is predetermined
①Determine magnification in advance, then turn the focus ring to the desired magnification scale.
②Check the frame by the viewfinder or [Live View] on the camera and pan the camera back and forth to roughly focus until the right focal length is determined.
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, perform steps ② and ③ of Method 1.

When shooting at high magnifications, the working distance of the lens is very short and it is easy to touch the shooting subject. Therefore, please be careful when shooting.
Magnification refers to the proportional relation between the size of the image recorded on the sensor or film and the actual size of the shooting subject.

Specifications

FF 15mm F4.5 Wide Angle MACRO 1:2	
Format Compatibility	FF
Focal Length	15mm
Aperture Range	F4.5 - F32
Angle of View	110.5°
Lens Structure	16 elements in 11 groups (3 ED , 3 ultra-high refractive index, 2 aspherical)
Aperture Blades	5
Min. Focusing Distance (Object Image Distance)	12.9cm
Focus Mode	Manual (MF)
Filter Thread	Φ62mm
Dimensions	ϕ70mm*47.7mm
Weight	About 308g (without front lens cap and rear lens cap)
Mounts	EF/F/RF/E/Z/L
AE	E/Z/EF