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LAOWA CF 8-16mm F3.5-5.0 C-Dreamer

使用手册
Instruction Manual

LAOWA 老蛙

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本公司保留对此《使用说明》的最终解释权。

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 CF 8-16mm F3.5-5.0 C-Dreamer ultra wide angle zoom lens. It is a mirrorless APS-C system lens with an ultra-wide angle of view from 120.9° to 82.8°, which opens up photography vision and gives users more discovery and imagination.



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.

Main features

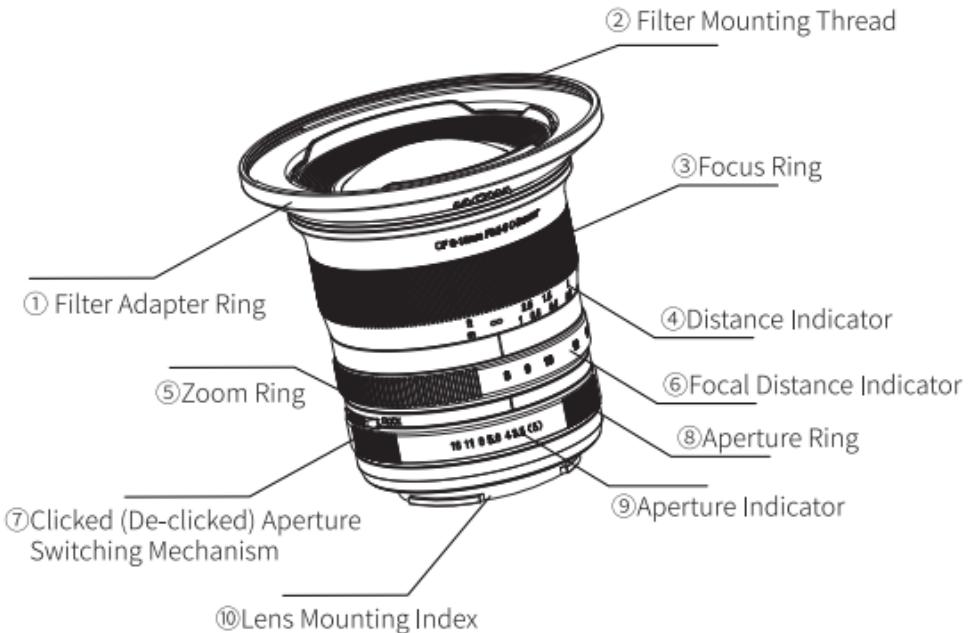
- 1.The lens covers a field of view from 120.9° to 82.8°, which opens up photography vision and gives you more discovery and imagination.
- 2.In order to use more conveniently, this lens adopts the 86mm front filter, which solves all the inconvenience caused by square lens support and makes the process of shooting light and without burden.
- 3.The lens is compact and weighs 463g. It is available to attach on a mirrorless camera to get a relaxed shooting process and to make photography not be a burden of travel.
- 4.The ultra wide-angle zoom lens achieves the ultimate volume while adopting 2 aspherical elements and 2 extra-low dispersion elements to ensure image quality. Besides, it can minimize chromatic dispersion and distortion and improve image quality in the corners.

Matters needing attention

■ 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 use an external flash unit.
- This lens is for APS-C format system and is designed for mirrorless cameras. When mounted on a full-frame format camera, the lens view will have black edges.

Nomenclature



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.

■ To attach the Lens

Remove the rear lens cap. Align the mounting index ⑩ on the lens bayonet with the mounting index on the camera and place the lens on the camera mount. Then rotate the lens clockwise until it locks. Do not use excessive force during installation to avoid damage to the bayonet.

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

■ To remove the lens

Turn the camera off. While pressing and holding the lens release button on the camera, rotate the lens counterclockwise in the opposite direction. Then, detach the lens.

Since this lens does not have a CPU and data information is not available. Therefore, please turn on the "No lens release shutter" function in the camera.

■ Attaching the filter

This lens can be fitted with an 86mm round filter, of which the size and thickness has special requirements. Please buy the thinner filter.

■ Focusing

This is a fully manual lens. Rotate the focusing ring ③ slowly to get focus.

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

The distance 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.

Turn on the focus peaking on the camera to help focusing. (Note that the function depends on camera models.)

■ Zooming

This lens can be manually rotated by the zoom ring ⑤ to change focal distance and diagonal angle of view can approximately range from 120.9° to 82.8°.

■ Setting the Aperture

Aperture is adjusted on the lens and the aperture ring ⑧ is turned to select the corresponding aperture according to the shooting environment and the desired depth of field.

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

Since the aperture is manually adjusted, shutter priority mode cannot be used well. However, aperture priority mode can be used (metering accuracy depends on the camera model)

Specifications

LAOWA CF 8-16mm F3.5-5.0 C-Dreamer	
Format	APS-C
Focal Distance	8-16mm
Aperture Range	F3.5-16
Angle of View	82.8° - 120.9°
Lens Structure	16 elements/12 groups (Aspherical element*2, ED element*2)
Aperture Blades	5
Min. Shooting Distance (Object Image Distance)	20cm
Max. Magnification	0.125X
Focusing	MF
Filter Thread	Φ86mm
Dimensions	About φ88.4mm*88.53mm
Weight	About 463g (without lens hood and both front cap and rear cap)
Mounts	Sony E, Fujifilm X, Nikon Z, Canon R, EF-M

