FF II TS 55mm F2.8 Macro 1X

使用手册
Instruction Manual

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Preface

Thank you for purchasing our FF II TS 55mm F2.8 Macro 1X lens! Please read this Instruction Manual carefully before using the lens to fully understand its application methods and precautions.

⚠ *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

- I.The lens is a standard focal segment shift macro lens designed for full-frame cameras, with a magnification of 1X, and infinite imaging, shift amount of ±12mm, tilt amount of ±10°, can cover φ67mm image field diameter and other characteristics. The lens adopts a special optical design to ensure the optical quality, while expanding the use of scenarios, increasing the choice of lens for professional commercial photographers.
- II.Shift amount of ±11mm
  In the shooting process, many times the camera position is relatively close to the subject due to environmental limitations.With the help of±12mm lens offset and rotation function to facilitate composition and splicing, so that the subject will not experience small perspective changes due to close shooting distance and large pitch angle, making the shooting more rigorous.
- III.Tilt amount of ±10°
  The tilt function of the shift lens is to tilt a part of the lens. With the tilt function, photographers can achieve the special effect of focusing on a plane that is not parallel to the image sensor.
- IV. Lens structure
  The mechanical mechanism of the lens is all made of metal parts, ensuring the accuracy and durability of the lens assembly. The lens is constructed by 14 optical elements in11 groups , using 1 high refractive index lens and 2 ED lenses to ensure the lens sharpness, but also to minimize the dispersion and distortion, and improve the edge picture quality.
- V . Lens mount
  It is equipped with a special shift holder. The main function of the shift holder is to cooperate with the shift lens, so that the photographer can move the camera position while keeping the perspective unchanged. In this way, the photographer can make full use of the image field of the shift lens to achieve a perfect connection.

Precautions

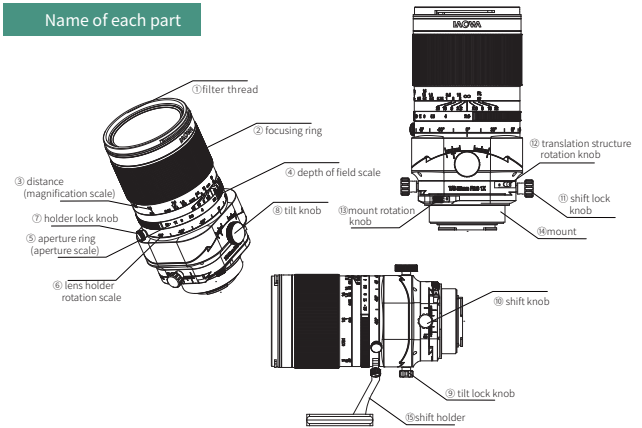
⚠ Safety Precautions

- 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



Mounting lens

Take off the rear lens cap. Align the mounting mark (⑭) on the lens mount with the corresponding mark on the camera mount ring; then, insert the lens to the mount ring, rotate the lens in the mounting direction of the purchased mount, and stop rotating until a click sound is heard (meaning the lens is locked). Please do not apply excess force for mounting; otherwise, the mount may be damaged.

Detaching lens

Power off the camera; then, press and hold the lens release button, rotate the lens in a direction opposite to the mounting direction of the purchased mount, and draw out the lens from the mount ring.
After lens mounting, please try to rotate the lens to ensure it is fixed on the camera.

Focusing

It is the manual focus lens. Rotate the focus ring (②) slowly until the image is in focus.
Do not rotate the focusing ring too forcefully or too quickly to avoid damaging the focusing ring components with excessive force.
The distance scale (③) and depth-of-field scale (④) on the lens are provided for instruction. The actual focal point and depth of field may be different from these marked scales.

Utilizing tilt function

1.Loosen the (⑨) tilt lock knob.
2.Rotate(⑧) tilt knob to adjust the tilt amount, the adjustment amount is ±10°.

Utilizing shift function

1. Loosen the (⑪) shift lock knob.
2. Rotate the (⑩) shift knob to adjust the shift amount.
3. When the required shift amount is obtained, tighten the lock knob.

Rotation function

The rotation function enables you to change the shift direction by rotating the shift mechanism.
To achieve a 90°clockwise rotation by pressing and holding the (⑫) translation structure rotation knob while the lens is mounted on the camera.Hold down the (⑬)mount rotation knob to rotate ±180°. A limiting position is provided at every 15° of the lens.

Usage of shift holder

Loosen the (⑦) holder lock knob, and the lens can rotate ± 180°.
The lens has a scale display every 15 degrees, and the angle can be adjusted according to the shooting needs.
After adjusting the angle, lock the (⑦) holder lock knob.

Usage of aperture

Adjust the aperture on the lens, and choose the corresponding aperture by rotating the aperture ring (②) according to the shooting environment and the required depth of field.
As no CPU data of the lens are available, its aperture parameters cannot be recorded temporarily.
Though the shutter-priority mode cannot be used well due to manual aperture adjustment, but the aperture-priority mode can be used (the metering accuracy depends on the camera model).

Specifications

FF II TS 55mm F2.8 Macro 1X	
Format	Full Frame
Focal Distance	55mm
Aperture Range	F2.8-F22
Angle of View	62.7°
Lens Structure	ϕ67mm
Aperture Blades	14 elements/11 groups (2 ED lens and 1 high index lens)
The range of image field coverage	15
Min. Shooting Distance (Object-Image Distance)	27cm
Min. Working Distance (Specially Used for Macro)	8.3cm
Maximum magnification	1
Shift amount	±12mm
Angle of Tilt	±10°
Focusing	MF
Filter Size	Φ77mm
Lens Size	Approx.168.5*Φ85mm
Weight	Approx. 1345g(Front and rear covers not included)
Mount	E/RF/Z/L/G/XCD