

SIMERA SERIES LENS USER'S MANUAL

A Gateway To Authenticity.

The profound focus on "everyday life" in contemporary art is challenging yet essential. It requires forms and techniques to capture its rich meaning while avoiding oversimplification.

We are free to explore this space, unencumbered by preconceived notions, untethered by assumptions, and immersed in the unexplored depths of our own experience.

Simera offers a new way of seeing, a window into the present. Like a portal, it transports us beyond the constraints of the ordinary, revealing a world of hidden grandeur and subtle majesty.

Contents

东正光学保密文件

P₁

Introduction

P₂

Safety Notes

P₃

Lens Parts

P₄

Lens Control

P₅

Attaching
/Removing

1. Attaching and
Removing a Lens
2. Attaching and
Removing the Lens Hood

P₆

Depth of Field
Scale Reading

P₇

Rangefinder Focus

P₈

Specification

P₉

After-sales Service

P₁₁

The Name and Content of Hazardous Substances

Note



Click to go

Users can read the table of content(TOC) to have an overview of the Simera Product Manual. Please click on the title or link to jump to the TOC.



Search keyword

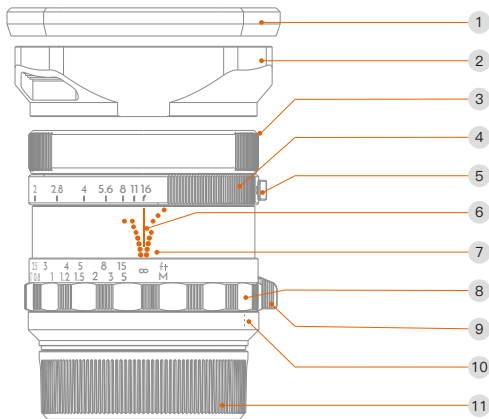
The Search-keyword Function is available in PDF Document. For example, In WPS Office, Windows users can search keywords with the keyboard shortcut <Ctrl+F> and Mac users can execute the same function with shortcut <Command+F>.

Thank you for purchasing a Thypoch product!

The Simera series is a full-frame, high-performance mirrorless prime lens produced by Thypoch.

Before using this lens, please read the user's manual carefully to learn the proper way to use and store it.

- ▶ When holding the lens or holding it for a long time, never hold the lens hood alone.
- ▶ Please do not watch the sun or bright light source through the lens, otherwise it will cause visually disabled.
- ▶ Never use organic solvents such as paint thinner or benzene to clean the lens.
- ▶ Please cover the front and rear mirrors of the lens when not in use.
- ▶ Please store the lens and filter in a cool, dry place to avoid mold and rust, never store in direct sunlight, and do not store with naphtha or mothballs.
- ▶ Please keep the lens dry, if it is damp or there are water droplets, please wipe it clean in time before storing it, so as not to damage the lens caused by rust.
- ▶ Do not place the lens in an extremely hot place such as a heater, which can easily cause damage or deformation.
- ▶ Sudden changes in temperature may cause condensation inside and outside the lens to be damaged. Before taking the lens from a warm environment to a cold environment or from a cold environment to a warm environment, place it in a lens cloth or plastic bag to slow down the temperature change.
- ▶ Use a blower to remove dust and lint from the glass surfaces of the lens or filter. To remove smudges and fingerprints, apply a small amount of lens cleaner to a soft, clean cotton cloth or lens-cleaning tissue and clean from the center outwards using a circular motion. Do not leave smears or touch the glass with your finger.

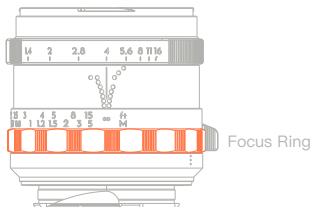


- | | |
|--|--|
| 1 Front cap for lens hood | 6 Lens mark |
| 2 Lens hood | 7 Depth of field scale |
| 3 Front cap | 8 Focus ring |
| 4 Aperture ring | 9 Focus ring wrench |
| 5 Switching button forstep
/stepless adjustment | 10 Bayonet installation identification |
| | 11 Rear cap |

东正光学保密文件

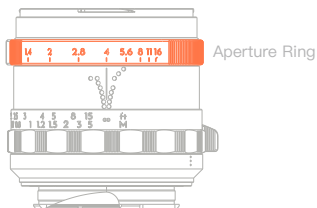
Focus Control

Rotate the focus ring to increase or decrease the focus distance.



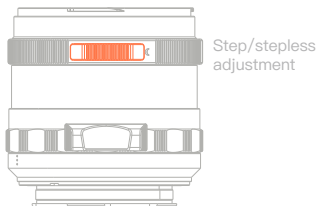
Aperture Control

Rotate the aperture ring to enlarge or reduce the diameter of the aperture, adjusting the brightness of the image and the bokeh effect of the subject's background.



Step/stepless adjustment

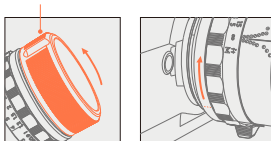
Slide the adjustment button on aperture ring to change step or stepless mode of aperture.



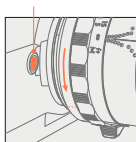
1. Lens Assembly and Disassembly

Please turn off your camera power before the lens assembly and disassembly.

Remove the lens rear cap



Mount Release Button



Note: After removing the lens from the camera, please use the lens rear cap and keep the front part of lens up to avoid the scratching.

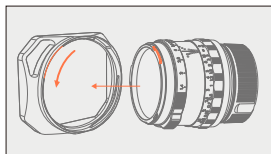
1.1 Lens Assembly

Remove the rear cap. Align the marks in the lens mount and camera mount, and turn the lens mount in the clockwise direction until you hear the click.

1.2 Lens Disassembly

Press the lens mount release button and remove the lens from the camera by turning the lens in the counterclockwise direction.

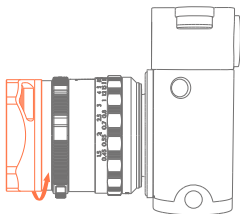
2. Hood Assembly and Disassembly



Note: After assembly, the hole in the lens hood should be in the top right corner when you see it from the front of the lens.

2.1 Hood Assembly

Aligning the concave part near the hole in the lens hood, with the convex part in the front of the lens, turn the hood in the clockwise direction until you hear the click.



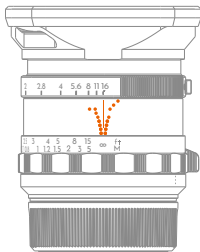
2.2 Hood Disassembly

Remove the lens hood in the counterclockwise direction.

Depth of Field Scale Reading

[▶ Back to Contents](#)

The lens mark are shown as orange lines in the figure below



The depth of field range is the scale range corresponding to the vertical straight line from the lit leftmost orange dot to the rightmost orange dot.

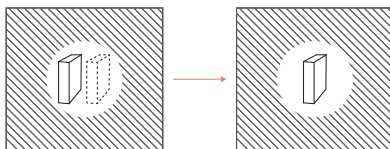
Adjusting the aperture stop or focusing distance will change the depth of field range. For example, as shown in the figure below, when the aperture is F4 and the focusing distance is infinity, the depth of field range at this time is roughly 10m~infinity.

Note: The depth of field scale is only intended for approximate reference, not the exact range.

How to use trap focus

1. Predict the movement of the subject in advance;
2. Adjust the aperture and focus ring so that the depth of field range is larger than subject's movement range;
3. The subject moves along the pre-determined movement trajectory, and in this case the subject will remain in focus in the image.

1. Mount the lens to a camera with rangefinder focus function (e.g. Leica M series cameras);
2. Visualize the viewfinder frame and rotate the focus ring so that the superimposed image in macular area coincides with the subject (as shown below).



3. Observe the camera screen, at this time the subject is in focus and clear.

Notes:

- (1) The rangefinder focus functions only from 0.7m to infinity;
- (2) The rangefinder focusing range may vary in different camera models;
- (3) Please check the range of rangefinder focus on your camera.

Specification

► Back to Contents

东正光学保密文件

Name		Simera	
Colour		Black/Silver	
Focal Length		50mm	
Mount		M	Z
Aperture		F1.4–F16	
Image Circle		43.2mm (FF)	
Construction of Optics		8 Elements in 6 Groups	
Flange Distance		27.8mm (M)	
Angle of view (diagonal, horizontal, vertical)		45° / 38° / 26°	
Type of focusing		Manual focus	
Close Focus (from sensor plane)		0.45m / 1.5ft	
Front Dia		φ54mm/ 2.12"	
Filter Size		M49	
Length	53mm/2.08" (without hood)	64.8mm/2.55" (without hood)	
	68.8mm/2.7" (with hood)	80.6mm/3.17" (with hood)	
Iris Blade		14	
Weight (Product)		≈281.3g	≈308.5g
Accessories		lens hood & front cap	

How to Obtain After-Sales Service

If a product does not function as warranted during the warranty period, you may obtain after-sales service by contacting Thypoch support team or Thypoch's authorized dealers. Charges may apply for services not covered by this After-Sales Policy.

The After-Sales Policy varies with the country or region of purchase. Please contact Thypoch for information specific to your location.

Warranty Service

- ▶ For all products purchased from our authorized agents, we provide one and a half years of warranty service from the date of purchase.
- ▶ If the product fails during normal use in accordance with the instructions, you can return it to the point of sale for warranty repair within the warranty period. Except for shipping, insurance and other miscellaneous expenses, the warranty service is provided free of charge.
- ▶ The warranty period varies according to the country or place of sale; since your receipt or proof of purchase will be required for repairs during the warranty period, please keep your dated receipt or other proof of purchase in a safe place.
- ▶ Accessories (such as lens caps, lens hoods, etc.) and consumables provided with this product are not covered by the warranty. Maintenance services such as lens cleaning are not covered by the free warranty.
- ▶ The parts replaced during the warranty period become the property of Thypoch.
- ▶ Unless otherwise provided by laws, regulations or mandatory provisions, incidental losses (including filming costs and future earnings, etc.) caused by failure of this product will not be compensated.

Service Outside the Warranty Period

Request for after-sales service will normally be accepted within a period of roughly 5 years following the end of production, during which time spares will be kept on hand, although owners may be offered an equivalent product during this period in the event that spares are not available. The specific cost standard is subject to Thypoch's quotation. Compatibility with consumables and accessories for the original product is not guaranteed. To prevent waste, Thypoch may collect returned parts or products.

Service Turn Around Time

After we receive the product, the after-sales service will generally be completed within two weeks. This turn around time does not include the time of return shipping. If there are special circumstances, we will notify you in advance.

What This After-Sales Policy Does NOT Cover

This after-sales policy does not cover the following and charges may apply:

- No valid proof-of-purchase of the product.
- Damage caused by unauthorized modification, disassembly, or repair not in accordance with official instructions or manuals.
- Damage caused by improper installation and operation not in accordance with official instructions or manuals.
- Damage caused by the storage environment not in accordance with official instructions or manuals.
- Damage caused by operation in bad weather or environment (i.e. rain, sand/dust storms, humid environment, etc.).
- Damage caused by, any third party products, including those that Thypoch may provide or integrate into the Thypoch product at your request.
- Damage caused by any third-party product.
- Damage caused by force majeure such as lightning strike, wind, rain, natural disasters, etc.
- Consumable accessories and optional parts that come with this product.

Privacy

Thypoch obeys all applicable laws and regulations concerning the handling of names, addresses, phone numbers, and other personal information provided by users.

The Name and Content of Hazardous Substances

Part Name	Hazardous Substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Lens Shell	○	○	○	○	○	○
Inner Mechanics	×	○	○	○	○	○
Optics	○	○	○	○	○	○
Other Parts	○	○	○	○	○	○

This table is formulated in accordance of SJ/T11364.

○: Indicates that the concentration of the hazardous substance in all homogeneous materials in the parts is below the relevant threshold of the GB/T26572 standard.

×: Indicates that the concentration of the hazardous substance of at least one of all homogeneous materials in the parts may be above the relevant threshold of the GB/T26572 standard.

The "×" in the above table indicates that there are one or more exemptions are applied in the parts stated in RoHS (2011/65/EU).

Thypoch

东正光学保密文件

Shenzhen xuchi optics technology co., Ltd.

1F., Building Three, Xinwuxia Industrial Park, No.32,
Cuibao Rd., Baolong St., Longgang Dist. ShenZhen, China

SEEING INTO ETERNITY



www.thypoch.com



WECHAT: Thypoch



FB & INS: Thypoch