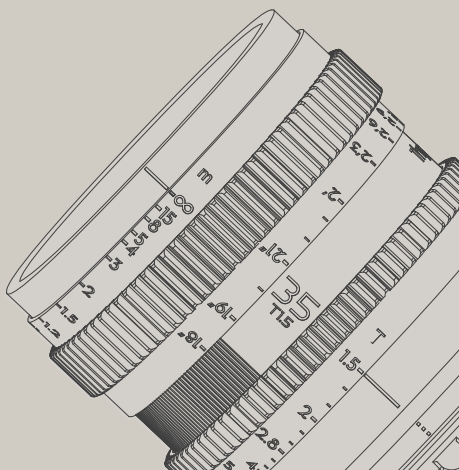


SIMERA-C SERIES LENS USER'S MANUAL

瞬电影版微单定焦镜头使用说明书



Contents

P₁

Introduction

P₂

Safety Notes

P₃

Lens Parts

P₄

Lens Control

P₅

Attaching
/Removing

P₆

Flange Back
Adjustment

P₁₁

Specification

P₁₂

After-sales Service

P₁₄

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

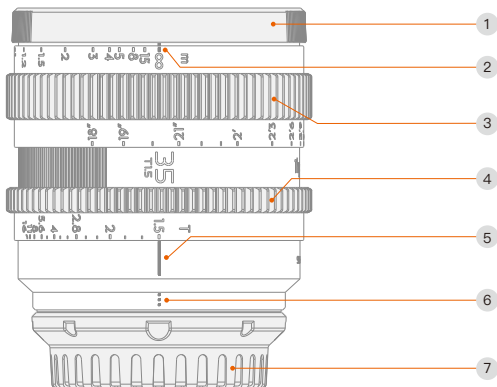
The Search-keyword Function is available in PDF Document. For example, In WPS Office, Windows users can search keywords with the keyboard shortcut <Ctrl+F> and Mac users can execute the same function with shortcut <Command+F>.

Thank you for purchasing a Thypoch product!

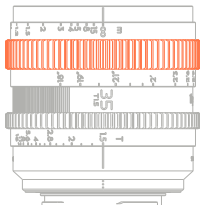
The Simera series is a full-frame, high-performance mirrorless prime lens produced by Thypoch.

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.



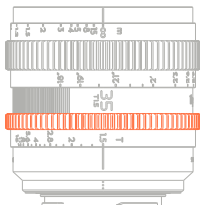
- | | |
|--------------------|-----------------------|
| 1 Front cap | 5 Aperture Index Line |
| 2 Focus Index Line | 6 Mounting Index Dot |
| 3 Focus Ring | 7 Rear Cap |
| 4 Aperture Ring | |



Focus Ring

Focus Control

With the focus ring unlocked, Rotate the focus ring to increase or decrease the focus distance.



Aperture Ring

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.

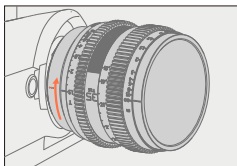
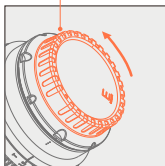
1. Attaching A Lens

Please turn off the camera's power before assembling or disassembling the lens.

1.1 Lens Assembly

Remove the lens rear cap, align the lens mount installation mark with the body mount mark (as shown in the figure below), and rotate the lens clockwise. The lens is in place when you hear a "click" sound.

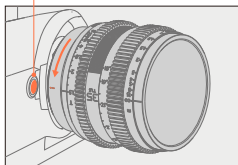
Remove the lens rear cap



1.2 Lens Disassembly

If you need to remove the lens from the camera, press the lens release button on the body and rotate the lens counterclockwise to do it.

Mount Release Button



Note: After removing the lens, cover the rear lens cap and place the front end of the lens upward to avoid scratching the lens surface.

Every Simera-C will process flange back adjustment on standard. But to the tolerance of different cameras, to achieve the best performance of this product and to match the cameras, please adjust flange back of the product.

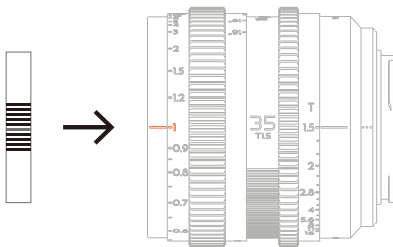
1. Preparation

Step One : Ready your subject and calibration tool. You can use a "Star Chart", or other high-resolution black-and-white objects; download the "Back focus Calibration Tool for Prime Lens" ([short for "Calibration Tool"](#)) on the official website.

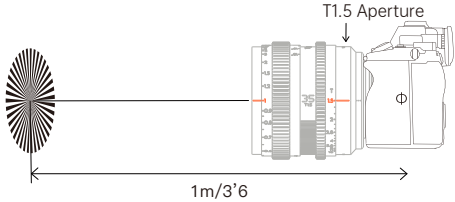
Note : Please [lick here](#) to download the Tool-Star Chart as needed ([Click to jump to the website](#))

Step Two : Attach the lens to the camera and adjust the aperture to T 1.5;

Step Three : Make the pointer align with the 1m scale on focusing ring, paste calibration tool on the ring with middle line of the tool aligning the 1m scale and the scale pointer (or choose 3'6 focusing scale).



Step Four : Set the object 1m(or 3'6) away from the camera sensor plane, and adjust it to the center of the whole image.



Set the object 1m(or 3'6) away from the camera sensor plane, and adjust it to the center of the whole image.

2. Flange Back Adjustment

Please adjust as the following steps:

Step One : Rotate the focus ring until the image to its clearest. Take the horizontal line in the middle of the calibration tool as the reference and observe the position of the deviating scale pointer to get the number of horizontal lines.

Note : The direction of infinity indicates positive deviation value.
The direction of the closest focusing distance indicates negative deviation value.
If there are more than 4 horizontal lines, add or subtract the corresponding value.

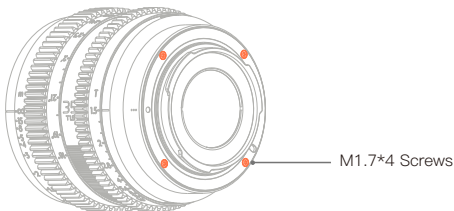
Example : If the scale pointer points to 3 spaces in the direction of the closest focusing distance, the deviation value is -3.
If the scale pointer points to 5 spaces in the direction of infinity, the deviation value is +5. At this situation, the shim value of "+4" needs to be added to the shim value of "+1".

Step Two : According to the deviation value and the reference below, add or subtract the corresponding shim to complete the flange back adjustment.

Simera-C Adjustment Reference (mark value : 1m/3'6)											
deviation value											
focal length	recommend Mark value	-5	-4	-3	-2	-1	0	+1	+2	+3	+4
21mm	1m or 3'6	-0.21	-0.18	-0.14	-0.09	-0.04	0	0.08	0.14	0.17	0.21
28mm	1m or 3'6	-0.2	-0.15	-0.11	-0.08	-0.04	0	0.07	0.1	0.15	0.2
35mm	1m or 3'6	-0.22	-0.18	-0.14	-0.1	-0.04	0	0.07	0.12	0.18	0.23
50mm	1m or 3'6	-0.27	-0.23	-0.18	-0.12	-0.06	0	0.1	0.17	0.23	0.28
75mm	1m or 3'6	-0.48	-0.35	-0.28	-0.19	-0.1	0	0.15	0.27	0.36	0.47

Note : Shim adjustment: "+" means adding shims, and "-" decreasing shims. Data in this sheet might have deviation and just for reference. Please adjust based on actual situation.

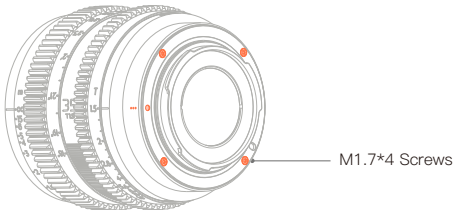
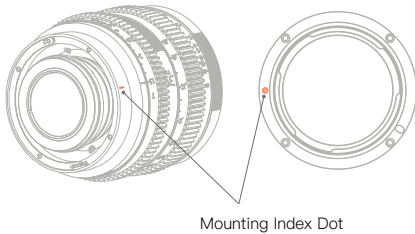
Step One : Please find the provided screwdriver and use it to loosen and remove the screws as shown in the diagram below.



Step Two : Please refer to the Flange Focus Adjustment Reference to obtain the corresponding shim with the required value, and place it on the lens.

Note : Each lens has a specific rear focus shim, and it has been accurately calibrated for rear focus at the factory. Therefore, any necessary adjustments should be made by adding or removing additional shims on top of the original factory shim, rather than removing all the factory shims and then adding or removing shims.

Step Three : Align the Mounting Index Dot with the corresponding index dot on the rear of the lens mount. Ensure that the screw holes in the shim align with those on the mount, so the screw holes are exposed. Finally, symmetrically tighten the screws in sequence.



Name		Simera—C			
颜色		Black			
Focal Length	21mm	28mm	35mm	50mm	75mm
Mount		E / M			
Aperture		T1.5—T16			
Image Circle		43.2mm (FF)			
Construction of Optics	13 Elements 11 Groups	11 Elements 7 Groups	9 Elements 5 Groups	8 Elements 6 Groups	9 Elements 8 Groups
Close Focus (from sensor plane)	0.23m /9in	0.4m /1ft4in	0.45m /1ft6in		0.55m /1ft10in
Focus Control		Manual 210°			
Front Dia.		φ67/2.64"			φ72/2.83"
Length (from lens front to flange plane)	E: 78.6mm M: 68.8mm	E: 69.6mm M: 59.8mm			E: 86.4mm M: 76.6mm
Iris Blade		16片			
Filter Size		M62*0.75			M67*0.75
Weight (Product)	E: 491g M: 472g	E: 398g M: 377g	E: 405g M: 381g	E: 380g M: 353g	E: 450g M: 435g
Accessories		Lens Front Cap, Lens Rear Cap, Shims, M1.7*4 Screws, M1.7*4 Screwdriver			

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

[▶ Back to Contents](#)

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).



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

目录

P₁

简介

P₁

安全注意事项

P₂

镜头部件

P₃

镜头控制

P₄

安装/拆卸

P₅

后焦调节

P₉

技术规格

P₁₀

售后服务

P₁₁

产品中有害物质的名称及含量

阅读小贴士



点击跳转

用户可以通过目录了解说明书整体结构，点击标题或链接即可跳转到相应页面。



快速搜索关键词

PDF电子文档可以使用查找功能快速搜索关键词。例如在WPS PDF文档中，Windows用户使用快捷键Ctrl+F，Mac用户使用Command+F即可快速搜索关键词。

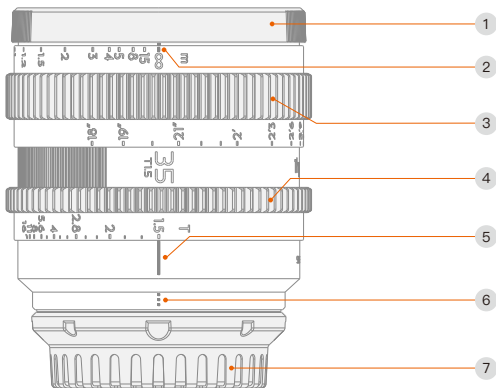
感谢您购买Thypoch产品！

Simera系列是Thypoch品牌旗下的全画幅高性能微单定焦镜头。

使用本镜头前，请仔细阅读使用说明书，学习正确的使用和保管方法。

安全注意事项

- ▶ 在拿起或持握镜头时，切勿仅持拿镜头遮光罩；
- ▶ 请勿透过镜头或相机观看太阳或明亮的光源，否则易视力受损；
- ▶ 请勿使用涂料稀释剂或苯等有机溶剂清洁镜头；
- ▶ 请在不使用镜头时及时盖上镜头前后盖；
- ▶ 请将镜头和滤镜存放在阴凉、干燥的地方以免发霉和生锈，切不可存放在直射阳光下，也不可石脑油或樟脑丸一起存放；
- ▶ 请保持镜头干燥，如受潮或有水滴请及时擦拭干净再存放，以免生锈造成镜头损坏；
- ▶ 请勿将镜头放置在加热器等极其炎热的地方，易导致损坏或变形；
- ▶ 温度的突变可能导致镜头内外部结露以致损坏。将镜头从温暖的环境带入寒冷的环境或从寒冷的环境带入温暖的环境之前，请先将其置于镜头包布或塑料袋中以减缓温度的变化；
- ▶ 请使用吹气球去除镜头或滤镜玻璃表面的灰尘。若要去除污点或指纹，可使用一块滴有少许镜头清洁剂的干净软绵布或镜头清洁纸，以圆周运动方式从里向外进行清洁，注意不要留下污渍，也不要用手指触摸玻璃。



1 镜头前盖

2 对焦距离指示线

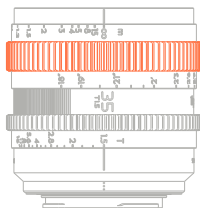
3 对焦环

4 光圈环

5 光圈大小指示线

6 卡口对位点

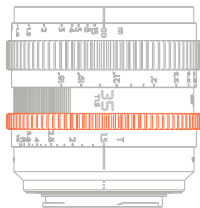
7 镜头后盖



对焦环

对焦控制

在解除对焦环锁定的状态下，旋转对焦环，可增加或减少对焦距离，从而调整画面中的焦点位置。



光圈环

光圈控制

旋转光圈环，可放大或缩小光孔直径，调整画面明暗度以及被摄主体的背景虚化效果。

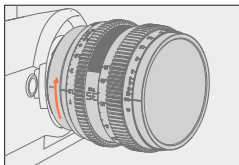
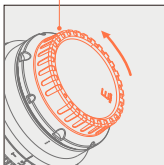
1. 镜头安装与拆卸

安装或拆卸镜头前，请将相机的电源关闭。

1.1 镜头安装

取下镜头后盖，将镜头卡口安装标识对准机身卡口标识（如图所示），沿顺时针方向旋转镜头。当听到“咔嗒”声时表示镜头已安装到位。

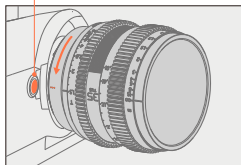
取下镜头后盖



1.2 镜头拆卸

若需要将镜头从相机上取下，按下机身镜头释放按钮，沿逆时针方向旋转镜头即可取出。

镜头卡口释放按钮



注：卸下镜头后，需盖上镜头后盖，并将镜头前端朝上放置，以避免划伤镜片表面。

瞬电影版系列镜头在出厂前会按照标准调整后焦，但不同摄影机的法兰距在出厂时可能会有一点不同，为了方便与不同的相机匹配，达到最佳成像效果，需要进行后焦调节操作。

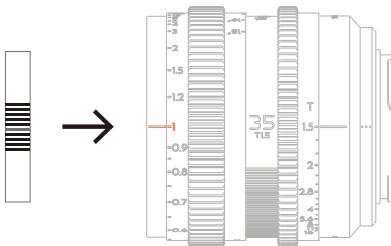
1. 准备工作

步骤一：准备好拍摄对象和校准工具。可使用“星状测试图”，或使用其它黑白相间的、对比度较高的拍摄对象。在官网下载“定焦镜头后焦校准工具”([点击此处跳转](#))

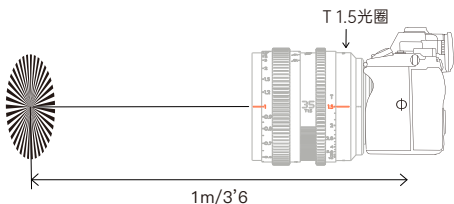
提示：如有需要可在此处下载星准图 ([点击此处跳转](#))

步骤二：将镜头安装到相机或摄影机上并调整光圈为T1.5；

步骤三：将“定焦镜头后焦校准工具”贴在1m对焦刻度处(或选择 3'6" 的对焦刻度线)，刻度指针与“定焦镜头后焦校准工具”中间横线平齐；



步骤四：将拍摄对象放置在距离相机成像面约1m处，并调整其位置在画面中心。



将拍摄对象在距离相机成像画面“Φ”标记处约1m(or 3'6)放置，
将拍摄对象置于画面中心。

2. 调节后焦

调节过程，请执行以下步骤

步骤一：旋转对焦环直至画面达到清晰状态，以“定焦镜头后焦校准工具”中间的横线为基准，观察此时刻度指针的位置，并观察刻度指针偏移的横线条数：

注意： 若偏向无限远方向，则代表刻度偏移值为正数；
若偏向最近对焦距离方向，则代表刻度偏移值为负数；
若超过4格横线，则用对应数值加减即可。

举例： 若刻度指针指向的刻度线朝最近对焦距离方向偏移3格，则刻度偏移值为-3。
若刻度指针指向的刻度线朝无限远距离方向偏移5格，则刻度偏移值为+5，此时需把“+4”的垫片值加上“+1”的垫片值即可。

步骤二： 根据刻度偏移值，参考下表调整相应的垫片，即可完成后焦调整。

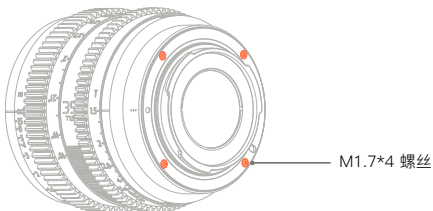
瞬电影版后焦调整表（基准值1m/3'6）											
校准工具刻度偏移量											
焦段	建议调节位置	-5	-4	-3	-2	-1	0	+1	+2	+3	+4
21mm	1m或3'6	-0.21	-0.18	-0.14	-0.09	-0.04	0	0.08	0.14	0.17	0.21
28mm	1m或3'6	-0.2	-0.15	-0.11	-0.08	-0.04	0	0.07	0.1	0.15	0.2
35mm	1m或3'6	-0.22	-0.18	-0.14	-0.1	-0.04	0	0.07	0.12	0.18	0.23
50mm	1m或3'6	-0.27	-0.23	-0.18	-0.12	-0.06	0	0.1	0.17	0.23	0.28
75mm	1m或3'6	-0.48	-0.35	-0.28	-0.19	-0.1	0	0.15	0.27	0.36	0.47

提示： 后焦垫片调整值，“+”代表要增加垫片厚度，“-”代表减少垫片厚度。

本表格可能含有较小误差，仅供参考，请以实际调整情况为准。

3. 卡口安装说明

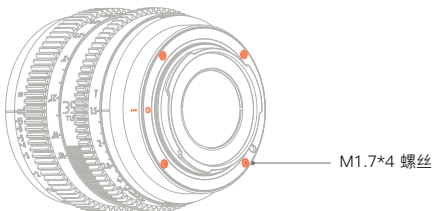
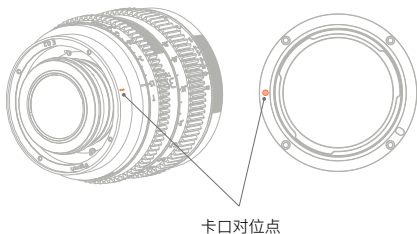
步骤一： 请找到赠送的螺丝刀，然后按照图示将螺丝松开取下。



步骤二： 请参考后焦调整表的取到对应的数值的垫片并放到镜头处。

注意： 每个镜头都有特定的后焦垫片，且出厂时已经进行过准确的后焦校准。因此，任何必要的调整应通过再原厂垫片的基础上进行增加或减少额外的垫片来完成，而不是取出所有原厂垫片后再进行加减垫片。

步骤三： 根据镜头将卡口对位点对准镜头后端上的卡口对位点，然后确保垫片上的螺丝空位与卡扣上的位置一致确保螺丝控露出，然后依次对称锁入螺丝。



名称	瞬电影版				
颜色	黑色				
焦距	21mm	28mm	35mm	50mm	75mm
卡口	E / M				
光圈	T1.5–T16				
最大像面	43.2mm（全画幅）				
镜片组	13片11组	11片7组	9片5组	8片6组	9片8组
最近对焦距离 (从传感器平面)	0.23m /9in	0.4m /1ft4in	0.45m /1ft6in		0.55m /1ft10in
对焦控制	手动210°				
前端直径	φ67/2.64"				φ72/2.83"
长度 (从镜头前端面 至法兰面)	E: 78.6mm M: 68.8mm	E: 69.6mm M: 59.8mm			E: 86.4mm M: 76.6mm
叶片数量	16片				
滤镜尺寸	M62*0.75				M67*0.75
重量（产品）	E: 491g M: 472g	E: 398g M: 377g	E: 405g M: 381g	E: 380g M: 353g	E: 450g M: 435g
附带配件	附带镜头前盖，镜头后盖，后焦调节垫片，卡口螺丝，螺丝刀				

如何获得售后服务：在保修期间，若产品不能实现所保证的功能，请联系Thypoch以获取相应的售后服务。保修以外的服务可能会收取费用。售后服务政策的内容可能因地而异，如欲了解本地信息，请联系Thypoch。

保修服务：

- ▶ 凡是从我们授权的代理处购买的产品，自产品购买之日起，我们提供一年半的保修服务。
- ▶ 若产品是在按照说明书正常使用期间发生故障，您可在保修期内将其送回至销售点进行保修，除运费、保险费等（运）杂费用外，保修服务免费提供。
- ▶ 保修期根据出售国或销售地的不同而异；由于在保修期内进行保修时将需要使用购买凭证，请将注明日期的收据或其他购买凭证存放在稳妥的地方。
- ▶ 随本产品赠送的附件（如镜头盖、遮光罩等）消耗品等不在保修范围内。清洁镜头等保养性服务不在免费保修范围内。
- ▶ 保修中所更换下来的配件归Thypoch所有。
- ▶ 除有法律法规或强制性规定，因本产品故障引起的附随性损失（包括拍摄费用及未来可得收益等）不予补偿。

保修期外的服务：本产品的配件可在停产后大约持有5年，用户一般可在此期间请求维修、更换服务，具体费用标准以本地信息为准。在配件不可用的情况下，可能为用户提供同等产品，此时与原产品耗材和配件的兼容性不予保证。为杜绝浪费，Thypoch可能会收集返修部件或产品。

售后服务周期：我们收到产品后，一般情况下会在两周内完成售后服务，这不包括来回运输的时间。如有特殊情况，我们会提前通知您。

非售后政策保障范围：本政策不涵盖以下情况，但可实行收费维修：

- ▶ 无购买凭证；
- ▶ 发生非官方说明书指导的私自改装、拆解，以及自行维修等行为而造成的损坏；
- ▶ 未按说明书指导的不正确安装和操作所造成的损坏；
- ▶ 未按说明书指导的存放环境导致的产品损坏；
- ▶ 在恶劣的环境下使用导致的损坏，如雨天、沙尘、潮湿环境等；
- ▶ 购买后发生的，因摔落、碰撞、进水、不适当存放等造成损坏的；
- ▶ 与非Thypoch认证的第三方部件同时使用时发生可靠性及兼容性问题导致的损坏；
- ▶ 任何第三方产品所导致的故障或损坏；
- ▶ 由于雷击、风雨、自然灾害等不可抗力之原因导致的损坏；
- ▶ 随本产品之附件消耗品及选购件等。

个人联系信息的使用：Thypoch遵循所有关于处理用户所提供的姓名、地址、电话号码以及其他个人信息的现行法律和法规。

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
镜头外壳部件	○	○	○	○	○	○
机械部件	×	○	○	○	○	○
光学部件	○	○	○	○	○	○
其它部件	○	○	○	○	○	○
<p>本表格依据SJ/T11364的规定编制。</p> <p>○:表示该有害物质在该部件所有均质材料中的含量均在GB/T26572规定的限量要求以下。</p> <p>×:表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T26572规定的限量要求。</p> <p>对于表示“×”的情况，属于欧盟RoHS指令(2011/65/EU)的豁免项目。</p>						



深圳市叙驰光学科技有限公司

深圳市龙岗区宝龙街道翠宝路32号，新屋吓工业园3栋1楼

定格永恒的瞬间



www.thypoch.com



WECHAT: Thypoch



FB & INS: Thypoch