



微信公众账号



FACEBOOK

安徽长庚光学科技有限公司

www.laowalens.com

服务热线:400-066-1316

Email: sales@laowalens.com

电话Tel:(+86) 0551-69107990

地址:合肥市庐阳区天水路与太和路交叉口庐阳中科大校友创新园5号楼

Add: Building 5, USTC Alumni Innovation Park, Crossing of Tianshui
and Taihe Road, Luyang District, Hefei City, Anhui Province, China

LAOWA 1.33X
Rear Anamorphic Adapter

使用手册
Instruction Manual

LAOWA 老蛙

本公司保留更改产品设计与规格的权利, 届时恕不另行通知;
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*.



前言

真诚地感谢您选购 LAOWA 1.33X
Rear Anamorphic Adapter 变形镜



△ 为了操作上的安全,使用本产品前请务必详细阅读使用手册与注意事项,并将手册放在需要时容易取得的地方。如遇到不能解决的问题请通过售后电话获取技术支持。

主要特色

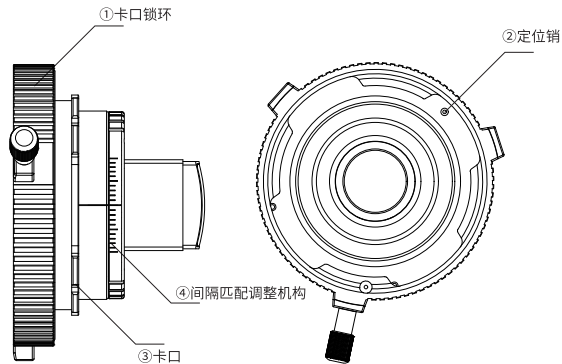
- 1.33x变形宽荧幕电影转接镜头为后置转接变形镜,此变形镜体积小,通用性强,可以将定焦、变焦电影镜头通过转接后,实现变形宽荧幕效果。拍摄设置为16:9的画幅格式,通过1.33X变形镜头转接拍摄,再用软件解压后播放,不损失像素的条件下,实现2.35:1的宽屏效果。例如:Laowa OOOM 25-100mm t/2.9变焦镜头,搭配使用Laowa 1.33x 变形镜,画幅不变,光圈缩小半档为t/3.2,可以使得该镜头实现拍摄变形宽荧幕效果。(市场上电影头只要能安装上就可以使用,但部分电影头卡口因为不同厂家后组结构不同可能无法正常安装)

注意事项

△ 安全注意事项

- 切勿自行拆解、修改或改装。当产品由于外力原因破损,切勿触碰外露部分或破损边缘处。
- 切勿放置于直射阳光下、封闭车辆中或其余高温处,否则过高的温度会使镜片和其他部件产生伸缩变形。
- 不使用镜头时,请将镜头前盖盖上或置于没有阳光照射处。凸透镜反射出的光线可能会聚集在附近物体上,导致发生火灾。
- 在逆光拍摄时,切勿将太阳置于画面中心,应该使太阳充分偏离画角,否则阳光会在相机内部聚集并导致火灾或灼伤眼睛。
- 在使用相机内置闪光灯拍摄时,由于镜头本身会遮挡光线而产生渐晕,因此建议您使用外设闪光灯拍摄。

- 避免触摸镜头表面,应用专用镜头布或气吹去除镜头表面的尘埃,不使用镜头时,应将镜头盖盖上。
- 使用镜头纸或镜头布清洁时,以螺旋的方式从中间向外擦拭镜头上的污垢以及指印。
- 镜头从寒冷的环境突然转移至温暖的环境时,镜头的外部以及内部镜片将会凝结水雾,所以在转移时应采取防潮保护措施。



①卡口锁环 ②定位销 ③卡口 ④间隔匹配调整机构

■ 镜头安装

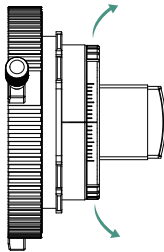
- 取下镜头前盖，将镜头卡口 (PL) 对准定位销安装上变形镜，后旋转卡口锁环，锁止镜头，其他卡口 (EF、E) 根据卡口安装点进行安装。随后将镜头插入机身座圈，根据所购买卡口的安装方向旋转镜头，直至咔嚓声锁紧镜头。安装时请不要用力过猛，以免导致卡口损伤。
- 装上镜头后，请尝试旋转镜头确认是否已将其固定在相机上。

■ 镜头拆卸

- 关机后按住相机上的镜头释放按钮，依照所购买卡口的安装方向反向旋转镜头，随后将镜头从座圈中拔出。PL卡口需旋转卡口锁环进行拆卸。

■ 间隔匹配调整

- 因为变形镜头垂直方向和水平方向焦距不同，间隔不准会导致垂直方向和水平方向不能同时合焦，出现成像不清晰，找不到焦点的现象，通过调整如图所示的机构，左右调整手轮，直至水平方向和垂直方向能同时合焦清晰为止。



■ 齐焦调整

- 安装变形镜后,如果镜头在变焦的过程中,出现焦点偏移,请使用附赠垫片,通过加减垫片来调整齐焦。(如图所示)图1、拧开如图四颗螺丝。图2、将垫片放置如图所示位置,且贴合螺丝孔,组装整体结构,拧紧螺丝即可。

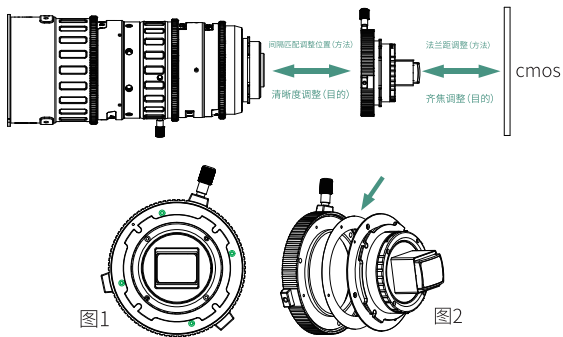


图1

图2

■ 法兰距调整方法

- 对焦环不动,变焦至广角端,确认是否清晰对焦。若广角端合焦位置的调焦手轮刻度小于长焦端合焦位置的调焦手轮刻度,需要增加垫片,反之减少垫片。当广角和长焦端合焦位置与调焦手轮刻度一致时,齐焦调整完成。

规格表

老蛙1.33X Rear Anamorphic Adapter 变形镜	
变形放大倍率	1.33倍
像场直径	ø29mm
直径	ø89mm
长度	55mm
重量	270g
卡口	PL—PL PL—E PL—EF EF—E



Preface

Thank you very much for purchasing
LAOWA 1.33X Rear Anamorphic Adapter.



△ 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.

Features

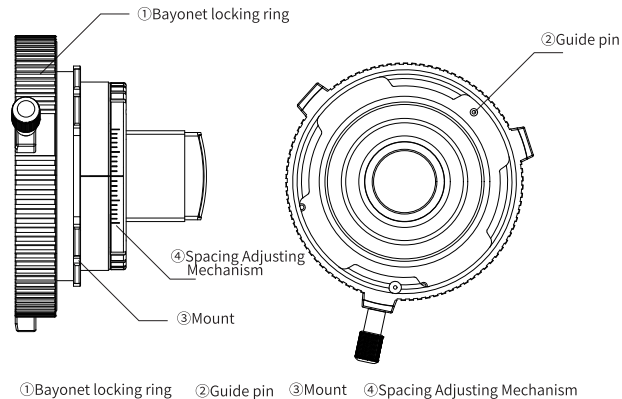
- This 1.33x rear anamorphic adapter is tiny and versatile. It will convert a prime lens or a zoom cine lens into an anamorphic lens, creating a widescreen image. This adapter enables you to capture footage with a 2.35:1 aspect ratio on your camera with a 16:9 sensor without losing image resolution. For example, if you use it with Laowa OOOM 25-100mm t/2.9 zoom lens, the aperture will close down half stop to t/3.2 while the format remains the same. (This adapter can work with most of the cine lens on the market. However, some cine lenses may not be able to be installed due to the different back element structure.)

Precautions

⚠ Safety Precautions

- Do not disassemble, modify the adapter by yourself. Do not touch the internal parts that become exposed as the result of external force.
- Do not leave the adapter 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 adapter.
- Do not leave the adapter under the sun. If sunlight is focused on a nearby object, it may cause a fire. Keep the lens cap attached when it's not in use.
- 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 only use an external flash unit.

- 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 adapter is brought directly from a cold place to a warm place, condensation may appear on the adapter. To avoid this, be sure to take some action to protect the adapter.



■ To attach the adapter

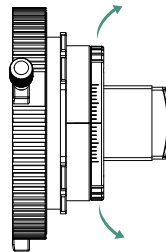
- Remove the adapter's front cap. Align the guide pin on the adapter with the bayonet (PL mount), then rotate the locking ring until it locks. For other bayonets (EF/E), mount the adapter by aligning the marks and rotate the lens until it locks. Place the lens on the camera mount, then rotate the lens according to the proper direction of the mount type 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 adapter

- Turn the camera off. While pressing and holding the lens release button on the camera, rotate the adapter in the reverse direction for attaching the adapter until it stops, then detaches the adapter. For PL bayonet, rotate the locking ring to remove the adapter.

■ Spacing Adjustment

- The vertical and horizontal focal lengths of the anamorphic adapter are not the same. Therefore, inaccurate spacing will cause the vertical and horizontal direction can not get focus at the same time, and the imaging won't be sharp. You can match the space by adjusting the mechanism (as shown in the figure). Try to rotate the handwheel until both the horizontal and vertical direction can get focus at the same time.



■ Parfocal Adjusting

- After mounted the rear anamorphic adapter, if the focus shifted during zoom in and out, please try to adjust parfocal by removing or adding shims. (shown in the figure) figure 1. Unscrew the four screws (as shown in the figure) figure 2. Place the shims in the position shown in the picture, and fit the screw holes, assemble the whole structure, then tighten the screws.

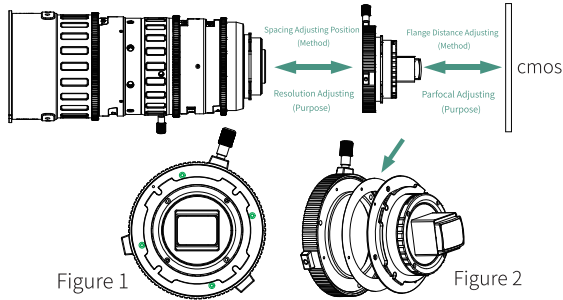


Figure 1

Figure 2

■ Adjusting the Flange Distance

- Keep the focus ring still, zoom to the wide end to get the lens in focus. If the value of the scale of the focus ring at the wide end is smaller than it at the telephoto end, you should add shims, and vice versa. The adjustment is complete when the focus ring scale is the same for both the wide-angle and the telephoto end.

Specifications

LAOWA 1.33X Rear Anamorphic Adapter	
Squeeze Ratio	1.33x
Image Circle Diameter	ø29mm
Diameter	ø89mm
Length	55mm
Weight	270g
Mounts	PL—PL PL—E PL—EF EF—E



NEW IDEA . NEW FUN.