# Askar

## 120APO 1.0x 全画幅平场镜

120APO 1 0x Full Frame Flattener

- ●使用说明书
- User's Manual

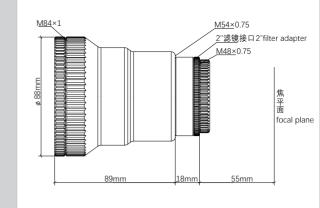
请勿通过望远镜直接观察太阳、这样做可能导致瞬间失明。 请购买专用太阳观测滤镜或滤膜。来获得最安全的观测指导。 DO NOT LOOK AT SUN THROUGH TELESCOPE. IT WILL CAUSE IRREVERSIBLE DAMAGE TO YOUR EYE.

www.sharpstar-optics.com

使用产品前请仔细阅读本使用说明书。

Instructions for use

- 1.0x平场镜不会改变望远镜的本身的焦比。使用后Askar
- 120APO还是F7焦比, 平场镜可以矫正场曲和彗差, 使相场边缘
- 更加平坦, 周边星点更加细密圆润。 1.0x平场镜采用三片式设计,支持全画幅。整体重量为0.76kg。 后截距从M48螺纹端面算起为标准55mm,前端螺纹接口为
- M84\*1, 末端配有M54\*0.75以及M48\*0.75两种尺寸接环, 接 驳方便。同时内置M48\*0.75 2英寸滤镜螺纹,可直接安装滤镜 使用。整体CNC加工,前后螺纹金属端盖,防止落灰。
- The 1.0x flattener does not change the telescope's focal ratio itself. After connecting with the Askar 120APO, it still maintained a focal
- ratio of 7. The flattener corrects field curvature and coma, resulting in flatter field edges and finer star points.
- The 1.0x flattener adopts a triplet design and supports a 44mm full-frame image circle. The overall weight is 0.76kg. The back focus from the M48 thread is a standard 55mm. The front thread is M84\*1 At the camera end, it is equipped with M54\*0.75 and M48\*0.75 two sizes of adapters, which are convenient for connection. At the same time, it has a built-in M48\*0.75 2-inch filter thread, which can be directly installed and used. The overall CNC machined, both end threaded metal caps prevent ash when not in use



### 参数

120APO搭配后 焦距: 840mm 120APO搭配后 焦比: f/7 镜片数量: 三片式 后截距: 55mm (从M48端面开始算起)

重量: 0.76kg

末端接口: M54×0.75

M54×0.75-M48×0.75 (内置M48×0.75滤镜螺纹)

**Parameters** 

(After attaching) 120APO Focal length: 840mm (After attaching) 120APO Focal ratio: f/7

Back Focus: 55mm (from the base of M48 male thread)

Weight: 0.76kg

Rear-end thread type: M54×0.75 M54×0.75-M48×0.75(M48×0.75 filter thread inside)

Lens Number: Triplet design

# 安装说明 Installation instruction

逆时针旋下2英寸接口及1,25英寸接口 Inscrew the 2" adapter and the 1.25" adapter



Unscrew the dust cap of the accessory

and screw it into the 103APO