Sirius Optics
Unit 1
26 Darnick Street
Underwood, Qld 4119

Opening Hours

10am-5:30pm Mon-Fri
9am-2pm Sat

Phone: 07 3423 2355
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ZWO H-Alpha Hydrogen Filter 7nm 1.25 Inch

AUD $199.00

Product Images

Short Description

Narrowband H-alpha astrophotography filter for high-contrast imaging and revealing rich details of nebulae, even in areas with strong light pollution.

Description

ZWO HA 7NM FILTER 1.25"

Narrowband filters do not eliminate the effects of light pollution or increase the object's brightness, but rather increase the contrast between nebula and night sky.

They can reduce the transmission of certain wavelengths of light, specifically those produced by artificial light including mercury vapor, and both high and low pressure sodium vapor lights and the unwanted natural light caused by neutral oxygen emission in our atmosphere (i.e. skyglow).

Technical Parameters:

Name: ZWO New narrowband 1.25″ filter

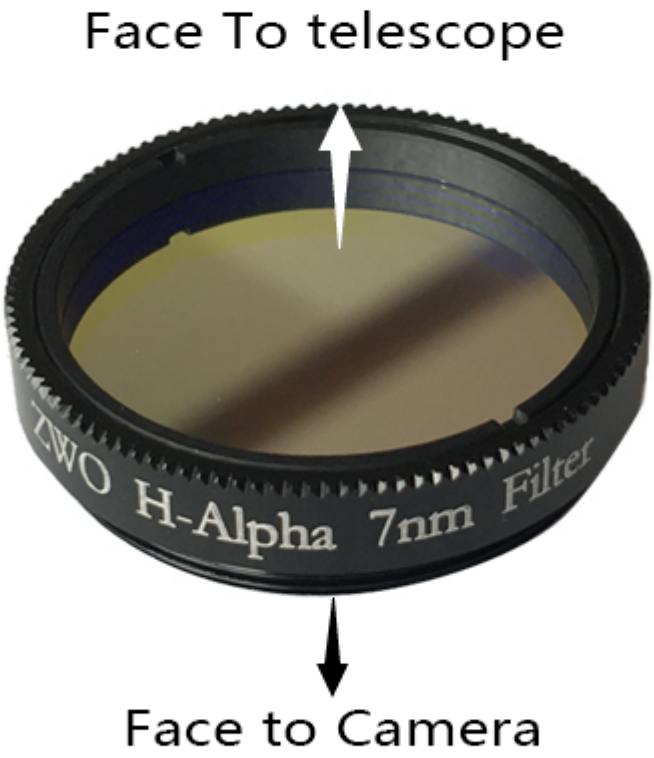
Size: 1.25″

Thickness: 5.5mm+3.5mm (thread)

Thread: M28.5*0.6 male thread

The ZWO H-Alpha filter has a bandpass of 7nm and passes light at 656nm wavelength, light transmission rate comes up to 80%.

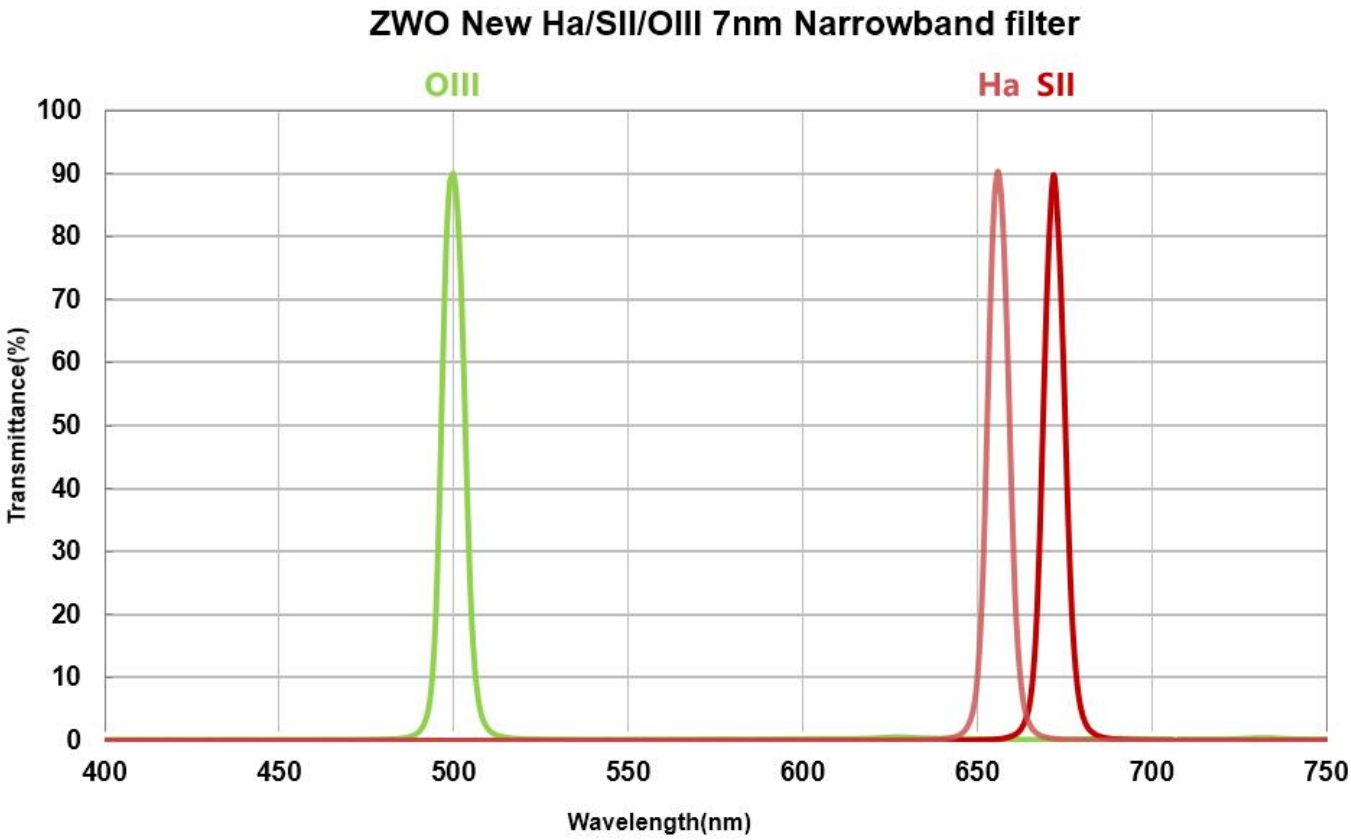
After putting the filters into EFW, must sure that correct side of narrowband filters face to telescope and camera.



Technical Data

- FWHM：7±0.5nm
- Glass Thickness 2.0+/-0.03 mm (1.25”/31mm/36mm)
- Fine-optically polished to ensure accurate 1/4 wavefront over the both surfaces
- About 90% transmission at H-alpha line 656nm (H-Alpha filter)
- Infrared wavelength 700-1100nm cut-off
- <0.1% transmission of off-band, OD3(Optical Density)

Transmission Curve



Additional Information

Specifications	No