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

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ZWO 2 inch DuoBand Filter

AUD
\$275.00

Product Images



Short Description

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Description

ZWO Duo-Band Filter is a dual narrowband filter primarily aimed at complementing our range of colour ASI cameras. The Duo-Band filter is aimed at the astronomer who may already own a One Shot Colour (OSC) camera and wants to image using narrowband techniques or emission objects without purchasing a mono camera, filter wheel and narrowband filter set.

The Duo-Band filter offers an economical entry into the world of narrowband imaging and can also offer a practical solution to imaging in light polluted urban areas.

The dual band pass nature of the Duo-Band filter passes light at H α (656nm) and OIII (500nm) wavelength, and can reduce the interference from natural light sources such as moonlight, or artificial light pollution such as street lighting.

It can help improve the contrast and visibility of deep sky objects such as emission nebula using a OSC camera.

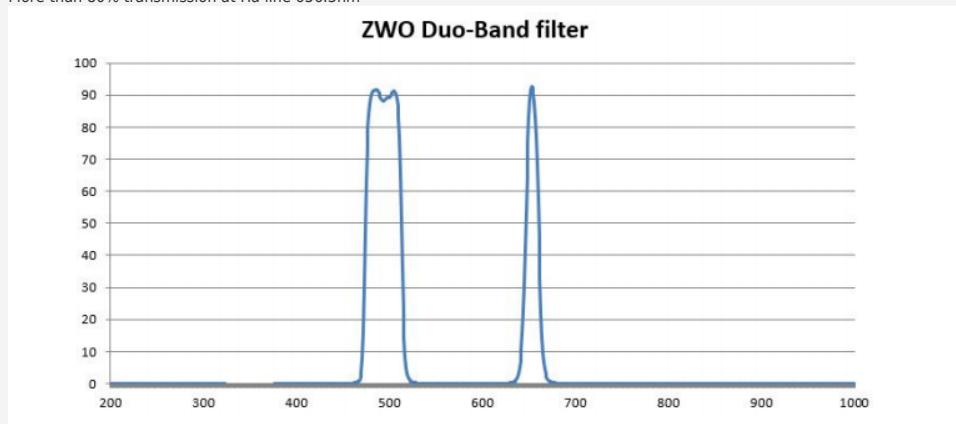
If you are looking for a solution to deep sky photography in light pollution area, then ZWO Duo-Band Filter will be a great choice.

The Duo-Band filter can be used with all ASI cameras and EFW Electronic Filter Wheel and comes in 1.25" and 2" sizes.

Additional Information

Specifications

Name: ZWO Duo-Band Filter
Size: Standard 1.25" & 2"
Thickness: 1.85 mm
Bandwidth: HA (15nm) OIII (35nm)
Surface quality: 60/40 (Refer to MIL-O-13830)
Schott substrate material
More than 90% transmission at major OIII line 486.nm1, 496nm and 501nm.
More than 80% transmission at Ha line 656.3nm



Features

- Aerometal material. Precise CNC machining;
- Fine sandblasting process and anodized finish;
- Extinction treatment to prevent reflection;
- Laser engraving font that will never fade;
- Precise double-sided optical coating;
- Fine-optically polished to ensure accurate 1/4 wavefront and <30 seconds parallelism over the both surfaces;