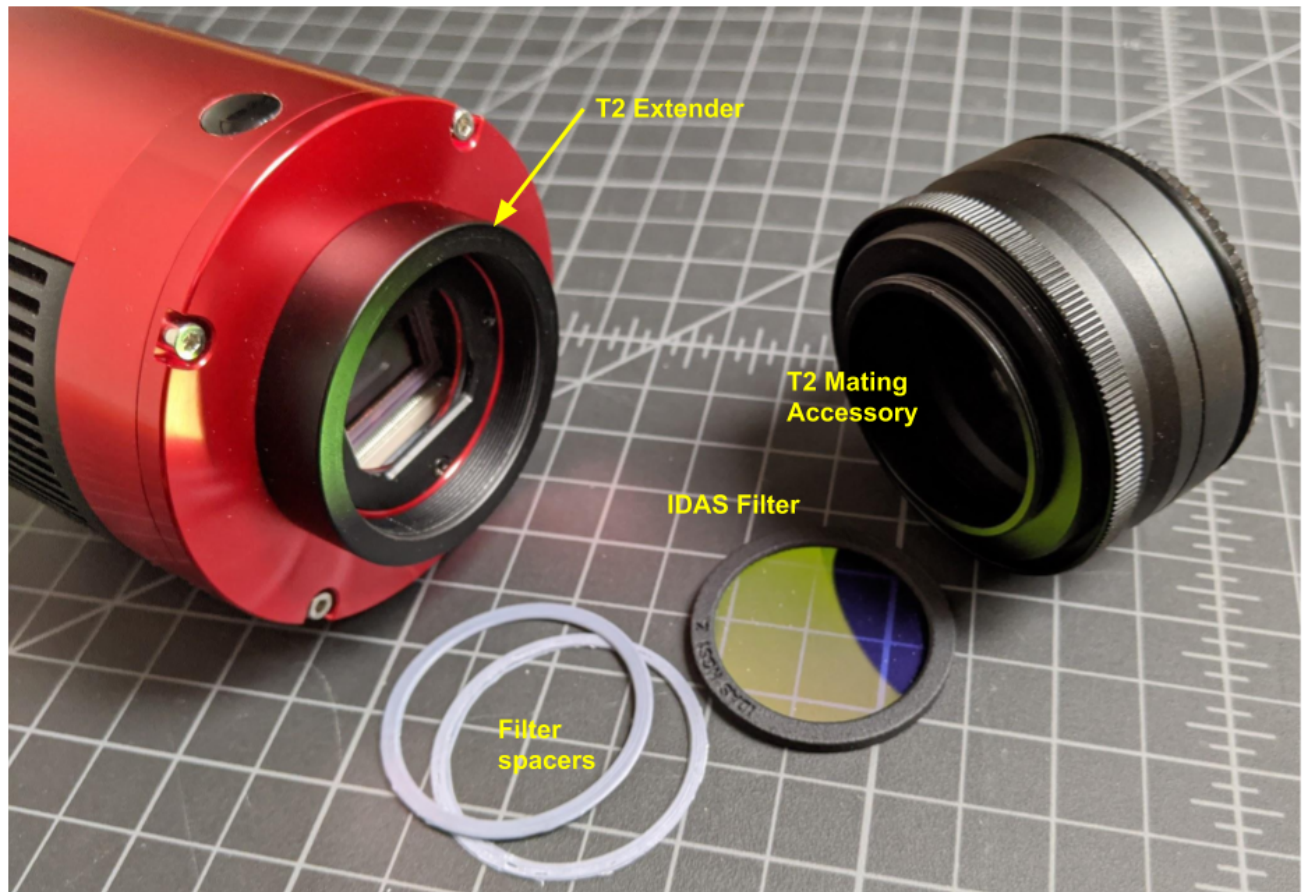


## IDAS Filter Installation on ZWO ASI Cameras

This document describes the installation procedure for using an IDAS filter with ZWO cameras.

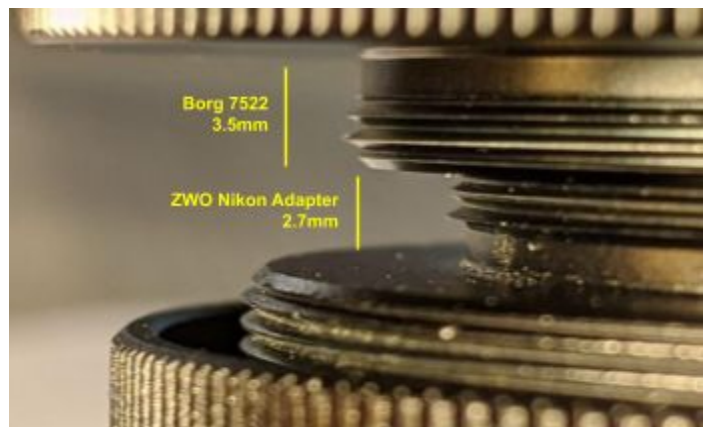
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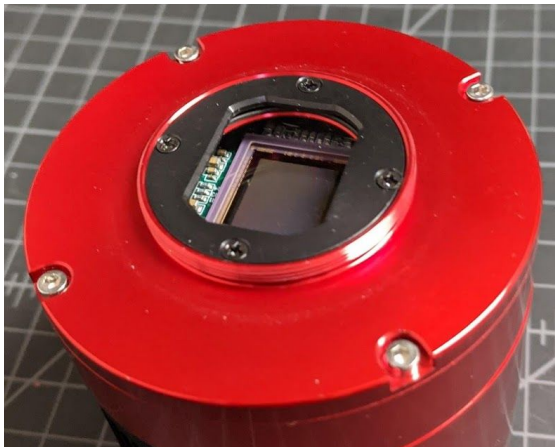
ZWO ASI cameras are supplied with a “T2 extender” interface collar, which is then interfaced to a variety of telescope and camera lens adapters. The IDAS filter is designed to sit between the face of the camera and be sandwiched in place when the mating interface element is attached.



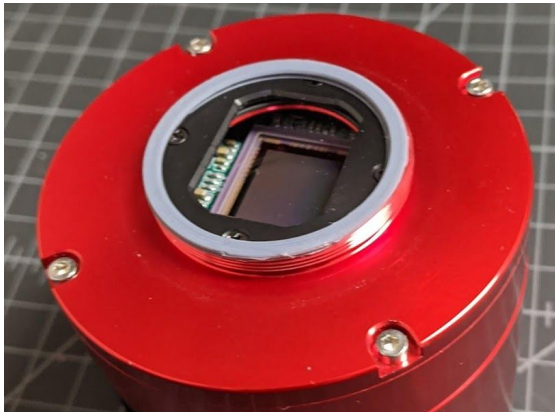
Unfortunately, the mating element flanges do not have a standard depth as shown at right.

The filter holder has some built-in spring tensioners to take up some depth mismatch. Before using spacers, cautiously test fit the mating accessory to see if the filter is still loose. Do not over-tighten the camera and accessory to avoid possible damage to the filter frame in the case that the accessory flange is too deep.



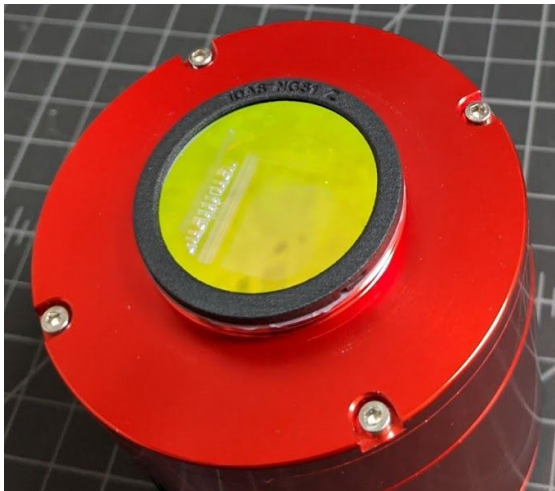


Camera with T2 Extender removed.

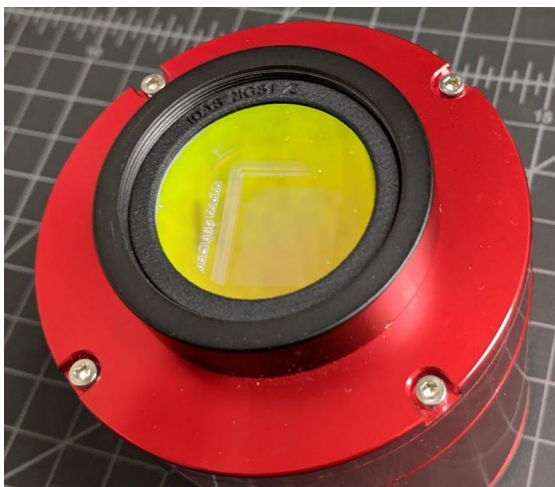


Filter spacer(s) added.

For mating elements with a shallow depth, two thin spacers are provided to insure that the filter is held firmly in place. Use one or two spacers as required, placing them against the camera side of the filter.



Filter in place, stacked on top of spacers. The filter's labeling should be visible when looking at the camera sensor.



T2 Extender in place. Connect the mating accessory and verify that the filter is being held in place firmly (not moving inside the coupling). Always use caution tightening the accessory part onto the camera to avoid damaging the filter frame.