

Installation Manual for IDAS AD19.4 Adapter for RASA8

prepared by ICAS Enterprises

The AD19.4 adapter for RASA8 is exclusively designed for use with IDAS "Di2" filters, and will not work with any other filters than "Di" filters.

Specifications:

Telescope end: female M42 (thread depth 6.5mm)

Camera end: female M42 TR (tapered ring) suitable for ZWO cameras with 6.5mm flange back

The whole package contains:

- 1 pc of female AD19.4 (M42) main body
- 1 pc of female M42 TR (tapered ring)
- 1 pc each of 0.1mm and 0.2mm thick stainless-steel spacers
- 4 pcs each of short and long screws for aligning cam rotation/fixing tapered ring – use either one depending on your configuration.



Usage:

The IDAS AD19.4 for RASA8 is an exclusive adapter in which an IDAS “**Di2**” (drop-in) filter is slid in.

The Di2 filters is supplied with the following IDAS substrates:

ODW Di2, NGS1 (ex LPS-D3) Di2, HEUIB-II Di2, NB1 Di2, NB3-PM Di2, and NB12 Di2

The NB***-PM Di and NB12 Di2 filters must be used in combination with a camera installed with an IR/UV-blocking filter or an IDAS **ZF** filter as described below.

Special note for use with IDAS **ZF** filters:

The IDAS **ZF** filter inserted between the female M42 TR and the camera:

The NB Di2 series ending with “PM” such as NB3-PM Di2, and the NB12 Di2 must be used with a camera that has been installed or pre-equipped with an IR/UV-blocking filter, or where one of the following **ZF** filters is inserted between the female M42 TR and the camera.

NGS1 (ex LPS-D3) ZF, NB1 ZF, HEUIB-II ZF

When to incorporate a **ZF** filter, the optical path length may be adjusted by inserting the bundled spacer ring(s) between the M42 TR and the camera or the RASA8 and the AD19.4 main body depending on given environments.

