

(EPA-0007) EYEPIECE PROJECTION ADAPTER

The E.P.A. permits eyepiece projection photography with any 1 1/4" or 2" focuser. Our Questar and 0.965" adapters permit use with those instruments also.

The following Tele Vue eyepieces can be used: 8mm, 11mm, 15mm, 20mm, 25mm Plössls; 7.4mm, 10.5mm, 13mm, 17mm, 21mm, and 26mm (old series) Plössls; 4.8mm Nagler; 15mm Panoptic; 15mm and 19mm (discontinued) Wide Fields. Other manufacturer's 1 1/4" eyepieces may be used also, as long as the top barrel is less than 1-9/16" dia. and 1 1/2" long.

To use the E.P.A.:

- 1) Slide the eyepiece into bottom bushing so the eyepiece's 1 1/4" barrel extends through.
- 2) Screw top sleeve into bushing until it tightly locks eyepiece into place.
- 3) Gently tighten plastic lock screw.
- 4) Insert assembly into telescope focuser and lock securely.

(Note: In order to reach focus with Tele Vue telescopes insert both the 2" & 3.5" extension tubes (X2C-

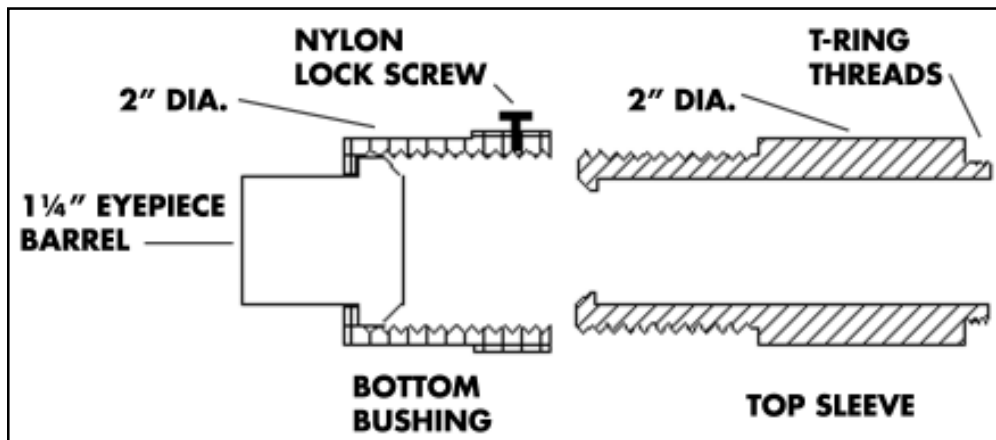
- 5) Screw a T-Adapter for your camera onto the top sleeve.
- 6) Attach camera to T-Adapter.

Installation and use of the Eyepiece Projection Adapter (with prime focus capability) is simple. Please read the following instructions.

You now have the most versatile and solid eyepiece projection system available. It's perfect when you need extra magnification for lunar and planetary photography. For normal prime-focus photography,

simply use the top sleeve only with a 2" extension tube (X2C-0008) in a 2" focuser. The table shows the increase in magnification and f/# possible using Tele

Vue eyepieces. For maximum sharpness and contrast, always use Tele Vue eyepieces.



For any telescope, the image magnification is approximately 130 divided by the eyepiece focal length in millimeters. The f/# is increased (slowed) by the same ratio.

0008, X3C-0009) into the focuser before installing the E.P.A.)

Eyepiece	Magnification Factor	f/5 Example
25mm Plössl	5.2	26.0
20mm Plössl	6.5	32.5
15mm Panoptic/Plössl	9.1	45.5
11mm Plössl	11.8	59.0
8mm Plössl	16.3	81.5
4.8mm Nagler	28.7	143.5

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