

The Baader Variable Eyepiece Projection Adapter OPFA-3:

Good news for all owners of Casio digital cameras like QV8000 and QV2800 with a 43mm thread at the lens. There is a commercial solution available to adapt most digital cameras including the Casio cameras to your telescope. Now there is an appropriate Digital T-Ring from Baader-Planetarium available which adapts the Digital-Camera T-Adapter (T-2/M37 thread conversion) with the 43mm thread of the Casio digital camera. There are various models of this Digital T-Ring available, from 24mm up to 43mm {metric} thread diameter. So this should be a solution for almost all digital cameras. This variable Adapter allows to move the eyepiece so close to the lens of the camera that they actually touch each other ! Thus vignetting can be minimized.



Fig. 1: Eyepiece projection adapter incl. Casio adapter



Fig. 5: OPFA-3 with 25mm Plössl eyepiece



Fig. 2: Eyepiece projection adapter disassembled



Fig. 3: Digital Camera T-adapter



Fig. 4: 43/37mm adapter



Fig. 6: Eyepiece projection adapter for SC back

Finally please see some sample pictures I took with the Casio camera and the OPFA-3. To achieve minimum vignetting maximum optical zoom is recommend. I am very pleased with the results and since I got this adapter and the 25mm Plössl eyepiece I hardly use my homebrew adapter with the 35mm eyepiece any more ...



Fig. 7: Terrestrial picture min. optical zoom



Fig. 8: Terrestrial picture max. optical zoom

Best regards Matthias

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