Variable focal lengths with Hyperion 2" finetuning rings (FTR) 14 and 28 mm
also with 2" Baader filter holders

Hyperion eyepieces with built-in negative magnification...
Effective focal lengths with built-in negative magnification are obtained by using a 2" Baader filter holder with a filter diameter of 28 mm; for each corresponding negative magnification...

Hyperion eyepiece with built-in positive magnification...

Hyperion eyepieces with built-in negative magnification...

Effective focal lengths with built-in positive magnification are obtained by using a 2" Baader filter holder with a filter diameter of 28 mm; for each corresponding positive magnification...

Available combinations of Hyperion eyepieces with Finetuning rings or 2" Baader Filter to modify the focal length and the field of view.

Hyperion eyepieces with built-in positive magnification (with or without 2" Baader filter holder):

Hyperion eyepieces with built-in negative magnification (with or without 2" Baader filter holder):

Hyperion eyepiece with built-in negative magnification (without 2" Baader filter holder):

Conclusion of the Hyperion eyepiece and the 14-mm Fast-eye-patch as well as the 2" split ring

The split ring prevents the eyepiece from being hit by stray light or gleams.

Adaptation of Hyperion eyepieces onto Zeiss Diascope spotting scope

Hyperion eyepieces used as Diascope® eyepieces are adapted for use with the Zeiss Diascope spotting scope by the use of a Bayonet-adapter #2954560.

Visual Observation:

The Hyperion 2" (14-28 mm) eyepieces may be adapted to the Zeiss Diascope spotting scope with the use of a bayonet-adapter #2954560.

... and if everything fails...

... for instance, if you want to use a small digital camera without the need for a large projective ocular...

Diascope® Eyepiece Adapter (Zeiss #112025)...

... will serve all adaptation problems...

The Braedter Microstage II Digiscoping Adapter enables camera adaptation onto almost any telescope, spotting scope and many binoculars.

The camera support arm rotates to the selected viewing position (locking action)....

The camera remains completely level as the camera support arm is adjusted; no incline is possible.

The camera support arm is mounted onto the camera support arm of the Baedter Microstage II Digiscoping Adapter...
**Hyperion eyepieces classical eyepiece projection**

Hyperion eyepieces are designed for use in classic astronomical telescopes. The eyepiece system includes a range of eyepieces and accessories, such as extension tubes and clamps, to provide versatility in visual observation. The Hyperion eyepiece system is known for its high-quality optics and durability, making it a popular choice among astronomers.

**Hyperion eyepieces afocal projection with DSLR-cameras**

For afocal projection with DSLR-cameras, the Hyperion eyepiece system is complemented with the M43/T-2 adapter ring, which allows for the connection of eyepieces to digital SLR cameras. This configuration enables the capture of high-quality images through the eyepiece, providing a unique perspective on the night sky.

**Hyperion eyepieces afocal projection with video-cameras**

With video-cameras, the Hyperion eyepiece system can be connected through the T-2 adapter ring to provide a variety of projection options. This setup is ideal for those interested in video imaging, offering the potential for detailed and high-resolution captures of celestial objects.

**Accessories**

- **Extension tubes** (e.g., 7.5 mm) for减少图像放大倍率
- **Clamps** (e.g., Astro T-2 System) for securing the eyepiece
- **Adapters** (e.g., M43/T-2 adapter rings) for connecting eyepieces to cameras
- **Baader Click-Lock rings** for convenient eyepiece changes

**Recommended Equipment**

- **DSLR camera** (e.g., Canon EOS)
- **Infrared-blocking filter** (for video imaging)
- **T-ring** for attaching the eyepiece to the camera

**Notes**

- Always ensure proper alignment when connecting eyepieces and cameras to avoid vignetting.
- Use caution when handling and connecting eyepieces to avoid damaging the delicate optics.

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**Conclusion**

The Hyperion eyepiece system offers a versatile range of accessories and adapters to suit various astronomical imaging needs. Whether you're looking to capture traditional astronomical images or exploring the potential of afocal projection, the Hyperion system provides the tools necessary for a rewarding observational experience.