How to use the modular eyepiece system 
illustrated instructions for the whole range of Hyperion® accessories

Variable focal lengths with Hyperion® 2° finetuning rings (FTR) 14 and 28 mm
also with 2° Baader eyepiece filters

Variable focal lengths with Hyperion® eyepieces with Finetuning rings or 2° Baader Fitter to modify the focal length and the field of view.

<table>
<thead>
<tr>
<th>Hyperion® eyepiece with FTR 14mm</th>
<th>Hyperion® eyepiece with FTR 28mm</th>
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<tbody>
<tr>
<td>Diameter (mm)</td>
<td>Field angle (°)</td>
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<td>-----------------</td>
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<tr>
<td>14mm</td>
<td>65°</td>
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<tr>
<td>28mm</td>
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Available combinations of Hyperion® eyepieces with Finetuning rings or 2° Baader Filter to modify the focal length and the field of view.

Case included with purchase of a Hyperion® eyepiece-set
Full Set: 7 eyepieces, 5-20x
Standard: 4 eyepieces, 5/8-20x

End dust caps
All Hyperion® eyepieces are equipped with lens caps which protect the eye lens side. These lens caps can be screwed on directly with your fingers or held on with the supplied rubber stoppers.

System-threads M 43 and SP 54
This Hyperion®-eyepiece is equipped with the rubber stoppers, as well as with the System-threads M 43 and SP 54 for the use of Baader accessories.

Dust Caps
Two end dust caps with inner diameters of 45mm and 48mm protect your Hyperion®-eyepiece against dust and pollution.

Soft-leather bag:
The soft leather bag is included with your Hyperion®-eyepiece and protects it against damage.

Combination of the Hyperion® eyepiece and the 14 mm finetuning ring as well as the 2° Stop Ring.

Hyperion® eyepiece with FTR 14mm

Light-Grey column: Ø field stop

Filter* • Unlike other digiscoping-adapters, NexYZ features

... you want it simpler ?
Do you want to capture fast but still high-quality images directly to your smartphone? The Hyperion® with FTR 14/28 mm is combined with a NexYZ digiscoping adapter and a Baader 2” eyepiece filter as shown above. This combination makes taking photos of your observations fast and easy.

Zeiss Astro Adapter for Conquest®
These adapters are specifically designed for the use of Zeiss spotting scopes and eyepieces. They allow you to use the Hyperion® eyepieces with Finetuning rings or 2° Baader Fitter to modify the focal length and the field of view.

Visual Observation:
The Hyperion® eyepieces are designed for astronomical observation. They are very suitable for use with binoculars, spotting scopes, and microscopes. The Hyperion® eyepieces are equipped with a built-in negative FTR (Finetuning Ring) which allows you to adjust the focal length and field of view. This feature is particularly useful when using telescopes with a large field of view. The Hyperion® eyepieces are also compatible with other accessories, such as eyepiece filters, camera adapters, and Tel-extenders. The Hyperion® eyepieces are also available with a 2° Baader Fitter, which is compatible with a wide range of eyepieces and accessories.

The Hyperion® eyepieces are made from high-quality materials and are designed to last for many years. They are also available in a range of sizes, from 1¼” to 2”, and are compatible with a wide range of telescopes and eyepieces. The Hyperion® eyepieces are also available with a built-in negative FTR, which allows you to adjust the focal length and field of view. This feature is particularly useful when using telescopes with a large field of view. The Hyperion® eyepieces are also compatible with other accessories, such as eyepiece filters, camera adapters, and Tel-extenders. The Hyperion® eyepieces are also available with a 2° Baader Fitter, which is compatible with a wide range of eyepieces and accessories.

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Hyperion® eyepieces classical eyepiece projection

Using SP 54 connecting rings, the eyepiece can be attached to the camera in two easy steps. This allows to combine the eyepiece projection imaging with a minimum of additional accessories.

Hyperion® eyepieces afocal projection with DSLR-cameras

All adaptation requires careful handling. Before connecting the eyepiece tightly to the camera, please make sure that the lens surface of the camera and the lens surface of the eyepiece do not touch. Remove the rubber protecting ring from the camera lens and place an 11 mm extension ring between the eyepiece and the camera lens. The 1¼" barrel eyepiece clamp fits the shorter M43 system thread of all Hyperion® eyepieces. Thus every Hyperion eyepiece can be used as a classical projection eyepiece. The whole range of adapter rings of the Astro T-2 System® (e.g. M43/T-2 # 2458100) or clicklock® (various other models) fits the smaller M43 system thread. Recommended: DT-rings SP 54 (various focal lengths, highest projection magnifications are easily attained.

Hyperion® eyepieces afocal projection with video-cameras

The cameras field of view will be decreased by using the Hyperion® eyepiece without the first group of lenses. The eyepiece should only be connected to the camera without the first group of lenses! Caution when mounting the camera! Connect the camera to the eyepiece, then fit the adapter ring to the camera, and the eyepiece to the adapter ring. The cameras field of view will be even further decreased by using the Hyperion® eyepiece without the first group of lenses!

Hyperion® lens surface

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