

**VIPER<sup>®</sup> HD**

**SPOTTING SCOPE**



## THE VIPER<sup>®</sup> HD 65MM & 85MM SPOTTING SCOPES

Expect impressive optical quality with the Viper<sup>®</sup>HD spotting scopes. There are two configurations; 15-45 x 65 or 20-60x85 and each includes a custom-fitted case.



## HOW TO USE THE VIPER HD SPOTTING SCOPE

### Attach the eyepiece

Before attaching the eyepiece, remove any covers that would interfere with attaching the eyepiece to the spotting scope body. Keep exterior lens covers handy to protect exposed lenses whenever you're not using the Viper HD spotting scope.



- To attach the eyepiece, match the white line on the eyepiece with white dot on the bayonet fitting. Insert the eyepiece into the body and rotate clockwise a  $\frac{1}{4}$  turn until the eyepiece clicks into place and is lined up with the indicator line.
- To detach the eyepiece, press and hold the lock down and rotate the eyepiece counter-clockwise  $\frac{1}{4}$  turn.

### Mount the Viper HD

Attach the Viper HD to a tripod or car window mount for steady viewing. Simply secure the tripod mount foot on a quick-release plate or directly into the mounting plate receiver of certain tripod heads.



The tripod foot attaches to a tripod or car window mount with 1/4" x 20 screw threads.

## ADJUST THE MAGNIFICATION

The versatile magnification of the Viper spotting scope allows you to view a wide field of view at a lower power, then zoom in on distant details at a higher power. Change the magnification of your spotting scope by simply turning the magnification adjustment ring:

- Increase the magnification by turning the adjustment ring in a clockwise direction.
- Decrease the magnification by turning the adjustment ring in a counter-clockwise direction.



Caution: Never look directly into the sun (or any other intense light) with your Viper HD spotting scope. This could cause damage to the retina and cornea of your eyes to the point of causing blindness.

## ADJUST THE FOCUS

After setting the magnification, some refocusing is usually required. To adjust the focus, rotate the focus dial until images becomes clear.

- Slowly turn the focus dial until the subject is in focus.



## ADJUST THE EYECUP

The adjustable eyecup on the Viper HD spotting scope twists up and down so you can observe the full field of view if you wear eyeglasses or sunglasses. Fully extend the eyecup for best viewing without glasses.



Twist the eyecup down for viewing with eyeglasses or sunglasses.

## FLEXIBLE VIEWING ANGLE

The tripod mounting collar of the Viper allows you to rotate the spotting scope body for greater viewing flexibility.

- Turn the thumbscrew counter-clockwise to loosen the mounting collar.
- Rotate the spotting scope body to a comfortable viewing angle.
- Keep the scope body in the preferred viewing position by securing the mounting collar with a clockwise turn of the thumbscrew.



## Extendable sunshade

Extend this fitted hood to effectively block out disturbing stray light. The sunshade also shields the objective lens from mechanical damage and guards against soiling by fingerprints and precipitation.



Sunshade shield is easily extended or retracted.

## CARE AND HANDLING TIPS

Keep your Viper HD spotting scope in its protective padded case while viewing. If your spotting scope gets wet, be sure to dry it out thoroughly before packing it away. For long-term storage, choose a dark, well-ventilated place.

## KEEP LENSES CLEAN

For the best viewing, regularly clean the exterior lenses:

- Remove any dust or grit from the lens before wiping. Use a can of pressurized air, soft camel hair brush or an acrylic optical brush.
- Clear lenses of smudges, fingerprints or eyelash oil. Fog the lens with your breath, then use a non-abrasive lens cloth\* to clean the lens.

Note: \*Never use facial tissue, heavy cotton, or flannel fabric—these materials can scratch the surface of a lens. Use lens cleaning fluid and an optical tissue or cloth to clean lenses.

## THE VIP WARRANTY

We build optics based on our commitment to your absolute satisfaction. That's why our products are unconditionally guaranteed and we make this Very Important Promise to you—a Very Important Person.

Rest assured that in the event your Viper HD becomes damaged or defective, we will repair or replace the scope at no charge to you. Call us at 800-426-0048 for prompt, professional, and friendly service.

2120 West Greenview Drive  
Middleton, WI 53562  
service@vortexoptics.com



Visit [www.vortexoptics.com](http://www.vortexoptics.com) for more information. Canadian customers may visit [www.vortexcanada.net](http://www.vortexcanada.net) for customer service information.

The VIP Warranty does not cover loss, theft, deliberate damage or cosmetic damage that does not hinder the performance of the product.



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