



PRODUCT MANUAL

# **RAZOR<sup>®</sup> HD**

**SPOTTING SCOPE**

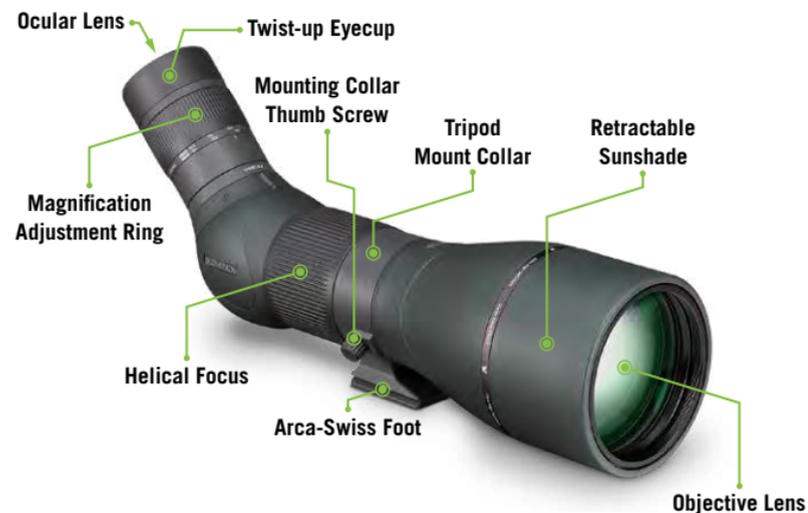
**Specifications**

<b>RAZOR® HD (Angled &amp; Straight)</b>		<b>22-48x65mm</b>	<b>27-60x85mm</b>
<b>FIELD OF VIEW</b>	Linear @ 1000 yds.	138' - 84'	117' - 68'
	Angular	2.7° - 1.6°	2.2° - 1.3°
<b>CLOSE FOCUS</b>		26.2'	16.4'
<b>EYE RELIEF</b>		16.7 - 17.0mm	16.7 - 17.0mm
<b>LENGTH</b>	Angled	14.8"	15.5"
	Straight	15.6"	16.2"
<b>WEIGHT</b>		56.8 oz.	65.6 oz.

Images are for representation only. Product may vary slightly from what is shown.

**RAZOR® HD 65mm AND 85mm SPOTTING SCOPES**

The Razor® HD sets the standard in high-end optical technologies, precision craftsmanship, and ultra-sleek functionality. Advanced optical elements eliminate aberrations for distortion-free, flat field images with unmatched edge-to-edge sharpness, as well as remarkable clarity, resolution, and color accuracy. Hunters, shooters, and observation enthusiasts who need a premium spotter that performs at the highest level have found their match with the Razor® HD series.



## UNDERSTANDING YOUR RAZOR® HD SPOTTING SCOPE & INITIAL SETUP

### Attaching the Eyepiece

Before attaching the eyepiece, remove any covers that would interfere with attaching the eyepiece to the spotting scope body. Keep the exterior lens covers handy to protect exposed lenses whenever you are not viewing through the Razor® HD spotting scope.

1. To attach the eyepiece, rotate the Eyepiece Lock Ring on the spotting scope counterclockwise until the unlock symbol matches the raised dot on the spotting scope body. Match the magnification indication line on the eyepiece with the raised bar on the Eyepiece Lock Ring and insert the eyepiece into the spotting scope body. While applying downward pressure rotate the eyepiece clockwise until the magnification indication line matches up with the raised dot on the spotting scope body. Rotate the Eyepiece Lock Ring clockwise until the raised bar matches up with the raised dot on the spotting scope body.
2. To detach the eyepiece, rotate the Eyepiece Lock Ring on the spotting scope counterclockwise until the unlock symbol matches the raised dot on the spotting scope body. Rotate the eyepiece counterclockwise until the magnification indicator line matches up with the raised bar on the Eyepiece Lock Ring. Remove eyepiece from the scope body.



### Mounting the Razor® HD Spotting Scope

Attach the Razor® HD to a tripod or car window mount for stability. The Razor® HD has an Arca-Swiss Compatible Tripod Mount Foot and will work without a quick-release plate on any Arca-Swiss compatible tripod or car window mount. The Razor® HD's tripod foot will also attach to any tripod or car window mount that uses a 1/4"-20 thread pitch. Simply screw the compatible quick-release plate into the bottom of the tripod foot.



The tripod foot attaches to any tripod or car window mount that uses 1/4"-20 screw threads.

### Adjusting the Magnification

Change your spotting scope's magnification by simply turning the Magnification Adjustment Ring:

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

**Caution:** Never look directly into the sun (or any other intense light) with your Razor® HD spotting scope. This can permanently damage your eyes.



### Adjusting the Focus

- After setting the magnification, some refocusing is usually required. To adjust the focus, rotate the Helical Focus Dial until the image is in focus.



### Adjusting the Eyecup

The adjustable eyecup on the Razor® HD spotting scope twists up and down so you can observe the full field of view. With a total of four different positions, the adjustable eye cup will help with comfortable viewing for differences in facial structure and for use with or without glasses. To adjust the eyecup down, spin clockwise. To adjust the eyecup up, spin counterclockwise.

### Adjusting the Viewing Angle

The Razor® HD's tripod mounting collar allows you to rotate the spotting scope body for viewing flexibility.

- Turn the thumbscrew counterclockwise to loosen the mounting collar.
- Rotate the spotting scope body to a comfortable viewing angle.
- Turn the thumbscrew clockwise to secure the spotting scope's position.



Mounting Collar  
Thumb Screw



### Extending the Sunshade

Extend the sunshade to block out interfering stray light. The sunshade also shields the objective lens from damage and against precipitation.



## MAINTENANCE

### Cleaning

Your Razor® HD spotting scope requires very little routine maintenance other than periodically cleaning the exterior lenses. The scope's exterior may be cleaned by wiping with a soft cloth. When cleaning the lenses, be sure to use products that are specifically designed for use on coated optical lenses.

- Be sure to blow away any dust or grit on the lenses prior to wiping the surfaces.
- Using your breath, or a very small amount of water or pure alcohol can help remove stubborn dried water spots.

### Lubrication

All spotting scope components are permanently lubricated, so no additional lubricant should be applied.

**Note:** Other than to remove the eyepiece, do not attempt to disassemble any spotting scope components. Disassembling of spotting scope may void warranty.

### Storage

If possible, avoid storing your scope in direct sunlight or any very hot location for long periods of time.



## VIP WARRANTY

OUR UNCONDITIONAL PROMISE TO YOU.

We promise to repair or replace the product. Absolutely free.

- ▶ **Unlimited.**
- ▶ **Unconditional.**
- ▶ **Lifetime Warranty.**

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*Note: The VIP Warranty does not cover loss, theft, deliberate damage, or cosmetic damage not affecting product performance.*

For additional and latest manuals, visit [VortexOptics.com](http://VortexOptics.com)

You do not have to register, save the box, or a receipt for the Warranty to be honored.



M-00108-1

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