



RAZOR[™] **HD**
Spotting Scope

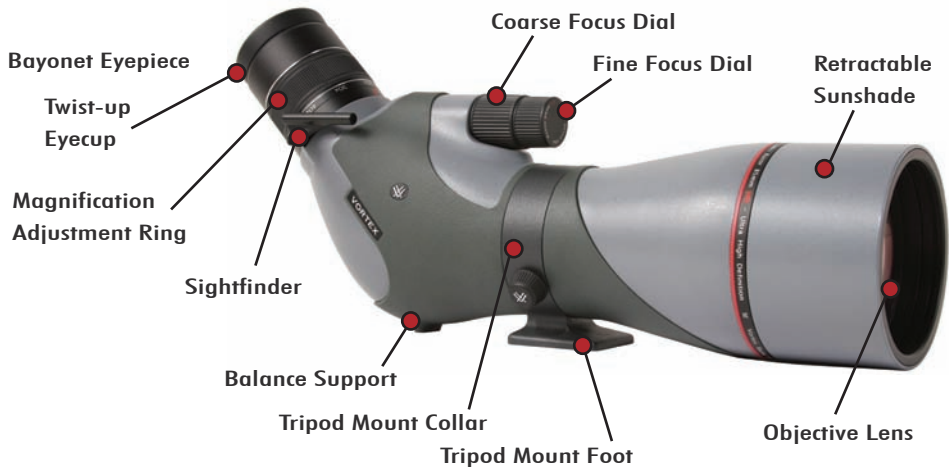
VORTEX[®]
THE FORCE OF OPTICS[™]



The **RAZOR**™ HD
Spotting Scope

Expect impressive optical quality with the Razor HD™. This rugged spotting scope, with waterproof and fog proof protection, allows you to view under the most demanding conditions.

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Assemble the Razor HD.

How to attach the eyepiece.

Before assembling the scope and eyepiece, remove the covers from the bayonet-mount end of the eyepiece and spotting scope. **Keep the other covers handy to protect exposed lenses whenever you're not viewing through the Razor.**

Remove these covers before attaching the eyepiece to the body.



1. Attach the eyepiece:

- Line up the red line on the eyepiece with the red dot on the bayonet fitting, insert eyepiece and rotate clockwise.



Rotate until you hear a "click" as eyepiece locks in place.

2. Detach the eyepiece:

- Release the eyepiece by holding down the lock while rotating the eyepiece counter-clockwise.



Hold down lock as you rotate eyepiece to the left.

How to attach the Razor HD to a tripod:

Mount the 85mm Razor HD spotting scope on a sturdy tripod or car window mount for steady viewing. Simply secure the tripod foot on the tripod head or quick-release plate of a standard camera or camcorder tripod.



A balance support on the base of the spotting scope body helps keep the Razor HD in an upright position when placed on a flat surface.



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

Customize How You Use the Razor.

Take advantage of the following features for customized viewing with the Razor HD spotting scope.

Adjustable eyecups.

- Twist down for viewing with eyeglasses or sunglasses.
- Twist up for viewing without glasses.

Removable sightfinder.

This unmagnified sightfinder helps you align the scope with your subject quickly—without looking through the eyepiece. To remove the sightfinder, simply take out the eyepiece and slip the sightfinder out of its socket.



Adjustable eyecups twist up and down—revealing the full field of view if you wear eyeglasses.



Adjustable 20–60x zoom eyepiece.

The Razor HD features a versatile 20–60x eyepiece that brings distant details into view.

- Increase magnification by turning the adjustment ring to the left (counter-clockwise).
- Decrease magnification by turning the adjustment ring to the right (clockwise).

Adjust magnification with a simple turn of the adjustment ring.



Turn the adjustment ring so that the number for the desired magnification setting lines up with the red line on the eyepiece.

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

Fine-tuning with the dual focus dial.

Adjusting the focus does more than allow you to see critical details. Fine-tuning the focus also ensures fatigue-free viewing.

Some refocusing is usually required when you change the magnification.



1. Set the magnification by turning the magnification adjustment ring.

Handle coarse and fine adjustments with just the tip of a finger.



2. Slowly turn the coarse focus dial until the subject is nearly in focus.

3. Turn the fine focus dial to fine-tune the details.

Extendable sunshade.

This fitted hood effectively blocks out disturbing stray light when extended. The sunshade also shields the objective lens from mechanical damage and guards against soiling by fingerprints and raindrops.

Flexible viewing angle.

Rotate the tripod mounting collar for greater flexibility in the field.



Adjustable viewing angle.

Sunshade is always accessible.



- 1. Loosen the mounting collar by turning the thumbscrew to the left.**
- 2. Rotate spotting scope body to the most comfortable viewing position.**
- 3. Turn the thumbscrew to the right to secure the mounting collar and hold the scope body in the preferred viewing position.**

Tips for Care and Handling.

Protect your spotting scope by keeping it in the padded view-through case while in use. If the Razor HD gets wet, be sure to let it dry before packing it away.

Keeping the lenses clean.

Maintain the optical brilliance of the Razor HD spotting scope by keeping the lens surfaces free of dust, dirt, and oils.

1. **Remove dust or grit with pressurized air (or a soft camel hair or optical brush).**
 2. **Fog lenses with your own breath.**
 3. **Wipe off smudges, fingerprints, and eyelash oil with a non-abrasive cloth, chamois, or silk.**
- Note:** *Never use facial tissue, heavy cotton or flannel clothing—these can scratch the lenses!*



Choose a dark, well-ventilated place for storage.

Service and Repair Policy.

Vortex wants you to use and enjoy your Razor HD spotting scope with complete confidence, and that's why our warranty is so straightforward.

Rest assured that if this spotting scope should ever require service, all you need to do is contact Vortex for absolutely free service:

- Call 800-426-0048
- E-mail service@vortexoptics.com

Unconditional Lifetime Warranty



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