



The **RAZOR HD**
SPOTTING SCOPE

Expect impressive optical quality with the Razör HD spotting scopes. The rugged build, along with waterproof and fogproof protection, allows you to view under the most demanding conditions.

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Bayonet Eyepiece
with Twist-up Eyecup

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US Patent D 595,754 S

Assemble the Razor HD

How to attach the eyepiece

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

Remove the covers before attaching the eyepiece to the scope 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.

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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.



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



The 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.

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Customize How You Use the Razor

Adjustable 20–60x zoom eyepiece

The Razor HD comes with 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).



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



Adjust the magnification with a simple turn of the adjustment ring. Twist the eyecup down for viewing with eyeglasses or sunglasses.

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



Step 1

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



Steps 2–3

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Flexible viewing angle

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

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.



Adjustable viewing angle.

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.



The sunshade is always accessible.

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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:

1. Remove dust or grit with pressurized air, or use 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. Never use facial tissue, heavy cotton or flannel clothing—these materials can scratch the lenses!



Choose a dark, well-ventilated place for storage.

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

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Vortex VIP Warranty

We build optics based on our commitment to your absolute satisfaction. That's why Vortex pledges this Very Important Promise to you—a Very Important Person.

Our VIP unlimited, unconditional warranty covers your Razor HD in the event it requires service. No matter the cause of damage, Vortex Optics will repair or replace the spotting scope at no charge to you. *Warranty does not apply to theft of loss.*

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Call Vortex Optics at 800-426-0048 for prompt, professional, and friendly service.
Visit Vortex Optics at vortexoptics.com for more information.

