





PRODUCT MANUAL

VIPER[®] HD

SPOTTING SCOPE

SPECIFICATIONS

MAGNIFICATION x OBJECTIVE LENS DIAMETER		11-33x50
FIELD OF VIEW	Linear @ 1000 yds.	182' – 95'
	Angular	3.5° - 1.8°
CLOSE FOCUS		9.0'
EYE RELIEF		16.0mm – 19.0mm
LENGTH	Angled	10.3"
	Straight	11.0"
WEIGHT	Angled	27.8 oz.
	Straight	27.4 oz.
	Angled	
	Straight	

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

VIPER® HD SPOTTING SCOPES

Mobility gives every hunter a tactical advantage in the field, and this incredibly versatile spotting scope is made for hunting on the move. Light, compact, and built on an Arca-Swiss compatible foot, the Viper® HD 11-33x50 mounts and stows quickly. Dual focus knobs get you precisely the view you need to pick shooters out of the herd or the habitat. Powered by exceptionally clear HD Optical System, this is the spotter you need for that destination hunt, and to keep you moving closer to home.



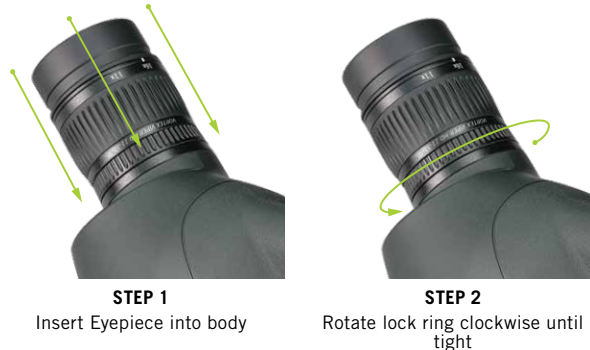
UNDERSTANDING YOUR VIPER® HD SPOTTING SCOPE & INITIAL SETUP

Attach the Eyepiece

If you wish to use the included neoprene case, put the neoprene case on the spotting scope prior to attaching the Eyepiece. Before attaching the Eyepiece, remove any covers that would interfere with attaching it to the spotting scope body. Keep the exterior lens covers handy to protect exposed lenses whenever you are not viewing through the Viper® HD spotting scope.

- 1. To attach the Eyepiece**, insert the Eyepiece into the body and rotate clockwise using the lock ring on the Eyepiece until the Eyepiece is tight (stops rotating).
- 2. To detach the Eyepiece**, hold the lock ring and turn the Eyepiece counterclockwise.

Note: Only turn the Eyepiece with the lock ring for installation or removal. Turning the Eyepiece by the magnification ring or Eyepiece can damage the spotting scope's threads and internal components. The user may hold the Eyepiece in place while tightening to ensure the magnification markings are in their preferred orientation.



Mount the Viper® HD Spotting Scope

Attach the Viper® HD to a tripod or car window mount for stability. The Viper® 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 Viper® HD 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 is Arca-Swiss compatible, and will mount to any Arca-Swiss tripod head without the use of additional plates. Or, attach any 1/4"-20 thread screw mount plate to use with other style tripods.

Adjust the Magnification

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

- Increase the magnification by turning the Magnification Adjustment Ring in a clockwise direction.
- Decrease the magnification by turning the Magnification Adjustment Ring in a counterclockwise direction.

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



Adjust the Focus

After setting the magnification, some refocusing is usually required. To adjust the focus:

- Slowly turn the fast focus dial until the subject is nearly in focus.
- Turn the fine focus dial to pick out the finest details.

Not only does this two-step focusing allow you to see critical details, it also ensures fatigue-free viewing.



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. The Adjustable Eyecup 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.



MAINTENANCE

Cleaning

Your Viper® HD spotting scope requires very little routine maintenance other than periodically cleaning the exterior lenses. The spotting 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.

NOTICE

Virtual Patent Marking Notice by Vortex Optics

This product may be protected by patents in the U.S. and elsewhere for Vortex Optics. <http://vtx.legal> website is provided to satisfy the virtual patent marking provisions of various jurisdictions including the virtual patent marking provisions of the America Invents Act and provide notice under 35 U.S.C. §287(a). Please visit <http://vtx.legal> to view list of products that may be covered by one or more U.S./Foreign patents or published patent applications.



VIP® WARRANTY

OUR UNCONDITIONAL PROMISE TO YOU.

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

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

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

Learn more at VortexOptics.com

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

For the most up to date manual visit VortexOptics.com



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