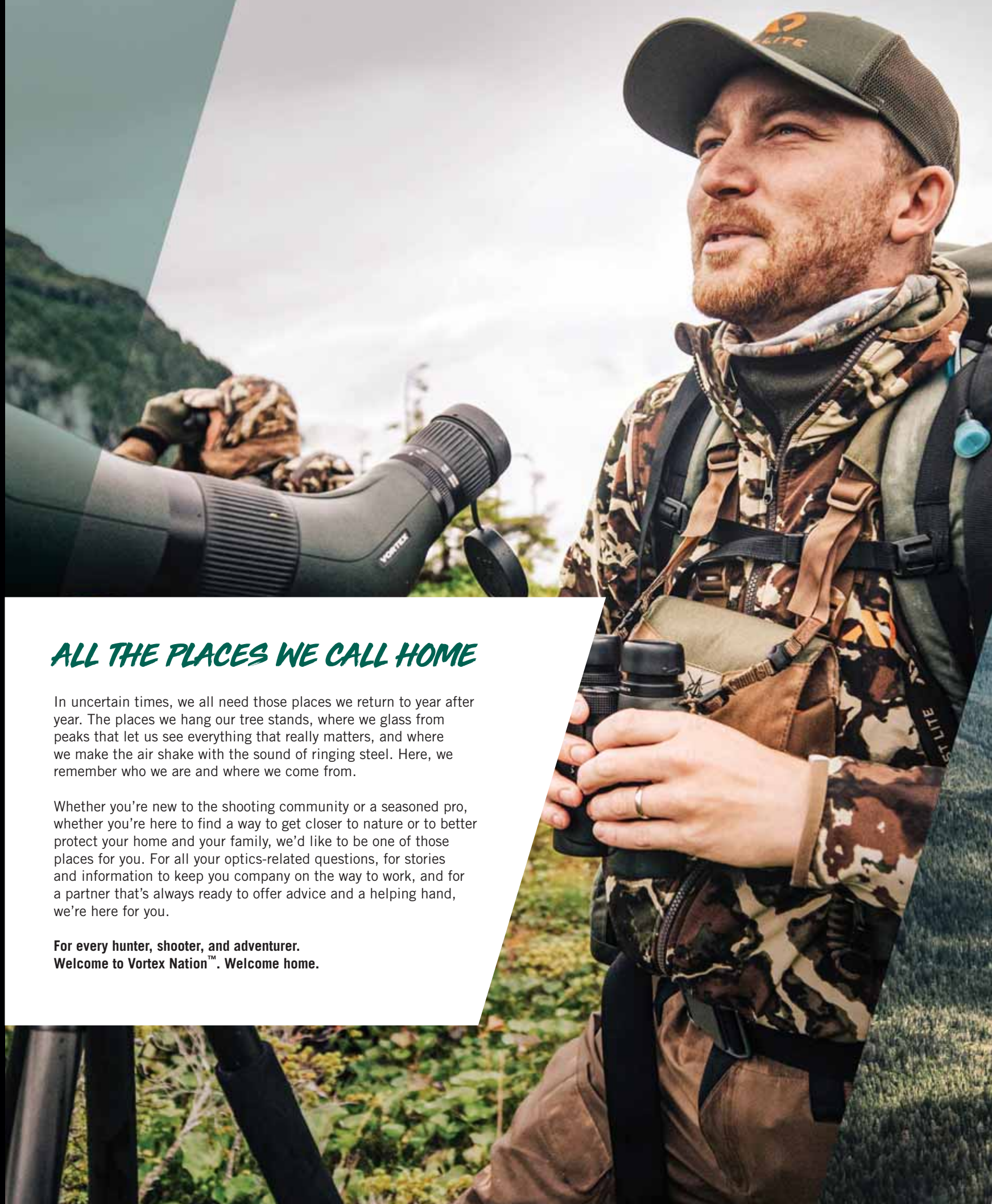




VORTEX®

2021 CATALOG



ALL THE PLACES WE CALL HOME

In uncertain times, we all need those places we return to year after year. The places we hang our tree stands, where we glass from peaks that let us see everything that really matters, and where we make the air shake with the sound of ringing steel. Here, we remember who we are and where we come from.

Whether you're new to the shooting community or a seasoned pro, whether you're here to find a way to get closer to nature or to better protect your home and your family, we'd like to be one of those places for you. For all your optics-related questions, for stories and information to keep you company on the way to work, and for a partner that's always ready to offer advice and a helping hand, we're here for you.

**For every hunter, shooter, and adventurer.
Welcome to Vortex Nation™. Welcome home.**

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FEATURES



UHD OPTICAL SYSTEM

Ultra-high definition optical quality and prescription for unparalleled image resolution that cuts chromatic aberration; providing exceptional color fidelity, edge-to-edge sharpness, and light transmission.



HD OPTICAL SYSTEM

Optimized with select glass elements to deliver exceptional resolution, cut chromatic aberration and provide outstanding color fidelity, edge-to-edge sharpness, and light transmission.



XD™ OPTICAL SYSTEM

Premium optical system delivers impressive resolution, edge-to-edge sharpness, greatly reduces chromatic aberration and guarantees bright, high-contrast images.



SD OPTICAL SYSTEM

High-quality optical system reduces chromatic aberration and delivers clean, bright, sharp images.



XR™ PLUS LENS COATINGS

Ultimate anti-reflective coatings on all air-to-glass surfaces provide maximum light transmission for peak clarity and the pinnacle of low-light performance.



XR™ LENS COATINGS

Premium anti-reflective coatings on all air-to-glass surfaces provide superior light transmission for exceptional clarity and low-light performance.



FULLY MULTI-COATED LENSES

Anti-reflective coatings on all air-to-glass surfaces provide increased light transmission for greater clarity and low-light performance.



DIELECTRIC PRISM COATINGS

Multi-layer prism coatings provide bright, clear, color-accurate images.



ALO ALIGNMENT

Proprietary, precision-laser process, perfectly aligns lens elements to ensure the absolute best image.



PHASE CORRECTION

Coating on roof prism enhances resolution and contrast.



APO (APOCHROMATIC)

Index-matched lenses correct color across the entire visual spectrum.



ARMORTEK®

Ultra-hard exterior lens coatings defend against scratches, oil, and dirt.



RUBBER ARMOR

Provides a secure, non-slip grip, and durable external protection.



PLASMA TECH

Cutting edge application process provides unparalleled coating durability and performance.



ARGON GAS PURGED

Gas purged and O-ring sealed for superior fogproof and waterproof performance in the most extreme conditions.



NITROGEN GAS PURGED

Gas purged and O-ring sealed for fogproof and waterproof performance in all conditions.



SHOCKPROOF

Designed to withstand the highest levels of recoil and impact.



WATERPROOF

Designed to withstand harsh weather conditions.



FOGPROOF

Designed to withstand a wide range of temperatures.



TRIPOD ADAPTABLE

Allowing use on a tripod or car window mount. Tripod adapter required.



**YOU'LL NEVER GET BURNED WITH
THE VIP WARRANTY**

OUR VIP WARRANTY IS ABOUT YOU

VIP stands for a Very Important Promise to you, our customer. We will repair or replace your Vortex® product in the event it becomes damaged or defective—at no charge to you. If we cannot repair your product, we will replace it with a product in perfect working order of equal or better physical condition.

It doesn't matter how it happened, whose fault it was, or where you purchased it: The VIP Warranty is fully transferable, no receipt needed. If you ever have a problem, no matter the cause, we promise to take care of you. You can count on the VIP Warranty for all Vortex® Optics riflescopes, prism scopes, red dots, rangefinders, binoculars, spotting scopes, tripods, monoculars, gear, and apparel.

**UNLIMITED.
UNCONDITIONAL.
LIFETIME WARRANTY.**

**VortexOptics.com • 1-800-4-VORTEX
One Vortex Drive, Barneveld, Wisconsin 53507**

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



EXPLORE NEW PRODUCTS FOR 2021

NEW FOR 2021



Go farther, go higher, and own the range this year with our all-new releases. Offering new technologies and more ways than ever to get exactly the right fit for your needs, here's some highlights of what's coming in 2021.



Want to learn more about our new products?
Just scan the QR code to visit ▶ VortexOptics.com/featured-products

VORTEXOPTICS.COM

NEW

FURY[®] HD 5000 AB

LASER RANGEFINDING BINOCULARS



**ELIMINATE THE UNKNOWN WITH
IN-DISPLAY WIND/DROP SOLUTIONS
AT THE PUSH OF A BUTTON.**

For more information see page 93 or visit ▶ VortexOptics.com



NEW

SPARC[®] SOLAR

RED DOT



**HARNESS THE POWER OF THE SUN
TO EXTEND YOUR BATTERY LIFE.**

For more information see page 55 or visit VortexOptics.com

NEW FOR 2021

VORTEXOPTICS.COM

NEW

SPITFIRE™ HD GEN II

PRISM SCOPES



5X

3X

THE LEANER, MEANER TACTICAL SOLUTION
BUILT TO GET THE MOST OUT OF YOUR AR.

For more information see page 62 or visit ▶ VortexOptics.com

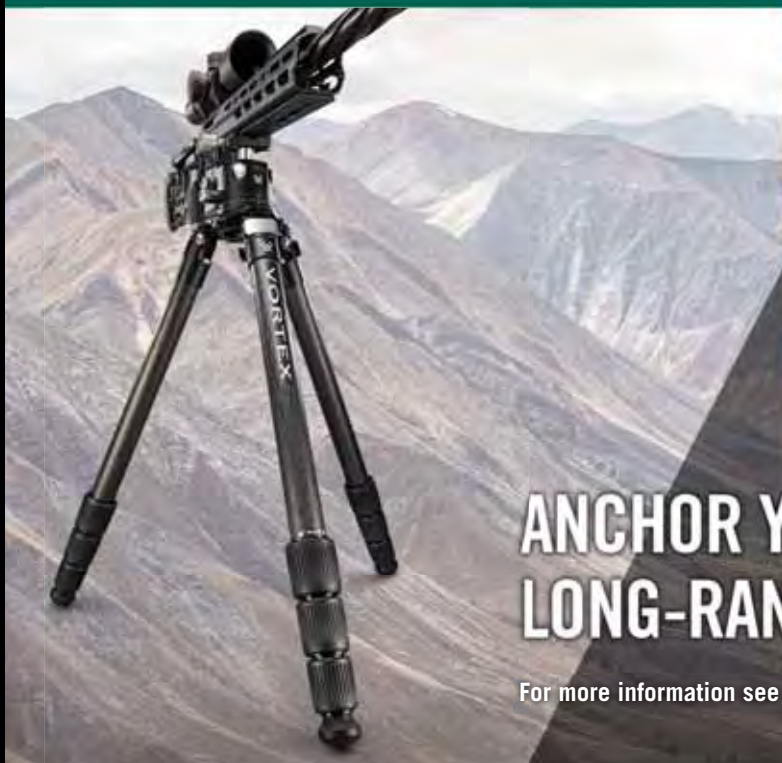




NEW

RADIAN™ CARBON

CARBON FIBER TRIPOD + BALL HEAD OR LEVELING HEAD



ANCHOR YOUR LONG-RANGE RIFLE.

For more information see page 112 or visit ▶ VortexOptics.com

NEW FOR 2021

NEW

RIDGEVIEW™ CARBON

CARBON FIBER TRIPOD + PAN HEAD



GET STABILITY TO TAKE YOUR OPTIC HIGHER.

For more information see page 113 or visit ▶ VortexOptics.com

VORTEXOPTICS.COM

NEW

SUMMIT™ CARBON II

CARBON FIBER TRIPOD + PAN HEAD



**GO LIGHTER, GO FASTER,
GO ANYWHERE.**

For more information see page 114 or visit ▶ VortexOptics.com

NEW

HIGH COUNTRY II™

ALUMINUM TRIPOD + PAN HEAD



**CARRY THE IDEAL COMBO OF
STABILITY AND PACKABILITY.**

For more information see page 115 or visit ▶ VortexOptics.com



VORTEX WEAR

AVAILABLE MARCH 2021

VORTEXWEAR.COM



VORTEX WEAR

FIT FOR EVERYWHERE

Designed for everyday but built for adventure, Vortex Wear was founded on the notion that your clothes ought to follow you into the woods, onto the range, and anywhere life takes you. With new styles hitting every season, we can't wait to help you find the next outfit that lets you work in total comfort and love every moment you spend in the great outdoors.

WEEKEND RUCKER SHORT SLEEVE SHIRT | THREE PEAKS CAP

WEEKEND RUCKER

SHORT SLEEVE SHIRT

One shirt to conquer all your weekend adventures, the Weekend Rucker is built on stain-release technology to ensure whatever you get into, it'll come out in the wash.



STAIN RELEASE



MOISTURE WICKING



121-22

121-25



FOR MORE STYLES & COLORS
VISIT VORTEXWEAR.COM



VORTEX WEAR

AVAILABLE MARCH 2021

VORTEXWEAR.COM



STORM SILENCER

FULL ZIP RAIN BREAKER

Be ready for mother nature's temper with a rain breaker that packs small when you don't need it and performs big when you do with stretch fabric and water resistance. Lightweight, ripstop fabric lets you take the path less traveled, and the whole jacket fits into its own pocket so you're always ready for what comes next.



WATER REPELLENT



STRETCH



121-43-BLK

MAKE YOUR MOVE, SUMMER

SHORT SLEEVE T-SHIRTS & CAPS



A



B



C



D



G



H



E,F



I



J



K



L

A. SALUTE T-SHIRT (121-14-BLK)
B. BARNEVELD 608 CAP (120-31-CHR)
C. RANK & FILE T-SHIRT (121-12-CHH)

D. HEAD-ON MULEY T-SHIRT (220-73-BRH)
E. SHIELD T-SHIRT (220-50-MIH)
F. PATHBREAKER CAP (120-62-BCA)

G. THREE PEAKS CAP (121-01-BLK)
H. CORE LOGO T-SHIRT (120-16-GHT)
I. FLEXFIT LOGO CAP (120-66-ODB)

J. THREE PEAKS CAP (121-02-LOD)
K. THREE PEAKS T-SHIRT (121-10-CHH)
L. COUNTERFORCE CAP (120-64-MUL)



VORTEX EDGE



VORTEX® EDGE

VORTEXOPTICS.COM

FIND YOUR EDGE WITH VORTEX® EDGE

Vortex® Edge is an experience, a training destination built to provide you the tools you need to live, hunt, and shoot with confidence. Combining state-of-the-art facilities with a carefully built team of instructors, we have one purpose: To help you exceed your goals and have fun doing it. Whether you're looking for training for your entire department or for yourself, Vortex® Edge is built for you.

What drives us?

You. No matter your goals — be it carrying a concealed weapon with confidence, or ethically harvesting big game — we are devoted to providing you with an unforgettable experience that gives you the tools to own all your moments of truth.

How do we redefine your training experience?

We combine cutting edge facilities with instructors handpicked for their dedication to improving themselves and their students with every class they teach, drawing on their extensive experience in law enforcement, the military, and hobby shooting to create a curriculum designed to help you win.

Why should you train with our team?

Let's face it: You could learn to shoot at a lot of places. There are thousands of ranges and plenty of qualified instructors. But you deserve something better.

You deserve personalized instruction, a one-of-a-kind experience built on a comprehensive facility and passionate teachers who live and breathe firearms instruction. You deserve an environment painstakingly crafted to support you, with every detail dialed to help you achieve your goals. You deserve the kind of experience you can only get at Vortex® Edge.

**Have a question about training, or do you want to learn more about Vortex® EDGE?
Check out our website and social, coming in 2021.**

VORTEX®
EDGE



BUILT FOR YOUR SUCCESS

Firearms training is not one-size-fits-all: In the mountains, stalking a bull elk; at work, protecting and serving your community; or living in your own home with the confidence to protect your family, you deserve instruction that helps you reach your individual goals. To help you achieve that, we've built a facility with the flexibility to handle all levels of shooter and every shooting interest.



Indoor Ranges

With one of the only 100-yard indoor ranges in the country and two tactical ranges, our indoor spaces offer you the flexibility to get exactly the shooting scenarios you need. Whether it's to enhance or refine your marksmanship, both the 50-yard and 25-yard tactical ranges provide you with ample space to move about during live-fire pistol and rifle drills.

1000-Yard Outdoor Shooting Complex

Stretch your effective range on a 360-acre property where you can participate in live-fire, long-range training to distances beyond 1,000 yards. A variety of shooting barricades, props, and platforms support your long-range goals.

Simulator Room

Housing a Virtra® 300 interactive video simulator system, this one room allows you to experience a wide variety of tactical situations, including active shooter and de-escalation encounters.

Shoot House

The 3,400 square foot modular Shoot House contains over 100 wall, window, and door panels to create a limitless variety of tactical scenarios. Using non-lethal training ammo, overhead catwalks for instructors, and an integrated video system, experience training in practical situations to improve your shooting and decision making.



**FIND YOUR
EDGE.**



RIFLESCOPES





RIFLES CORPES



RIFLESCOPES

RAZOR® HD AMG®

VORTEXOPTICS.COM



VORTEX

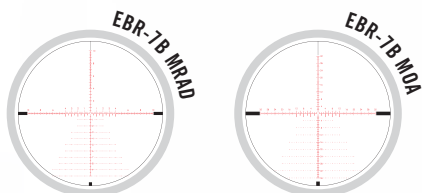
RAZOR[®] HD AMG[®]

RIFLESCOPE



CARRIES LIGHT. HITS HARD.

The Razor[®] HD AMG[®] is ready to handle any mission, from long-range competition to tactical applications—and even open-landscape hunts—all with ultimate precision. Packed with long-range features like locking turrets, its integrated L-Tec™ zero stop, and an integrated locking illumination dial powering the first focal plane reticle, this workhorse still weighs just 28.8 oz. Rather than pursuing the more common 34mm tube, the Razor[®] HD AMG[®] relies on its 30mm tube to aid in weight reduction. The smaller tube offers a sleeker profile without significant compromise in internal adjustment or field of view.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
RZR-AMG-5	6-24x50	FFP	EBR-7B MRAD	Yes	3.6"	20.4' - 5.1'	L-Tec™	30mm	14.9"	28.8 oz.
RZR-AMG-4			EBR-7B MOA							

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ PLUS LENS COATINGS
- ▶ PLASMA TECH
- ▶ ALO ALIGNMENT
- ▶ APOCHROMATIC
- ▶ ARMORTEK®
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





RIFLESCOPES

RAZOR® HD GEN III

VORTEX

VORTEXOPTICS.COM





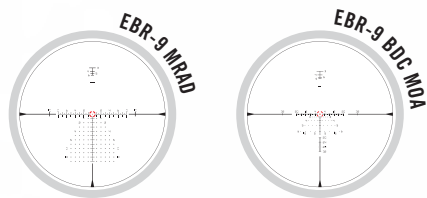
RAZOR[®] HD GEN III

RIFLESCOPE



NOBODY EVER SAID YOU HAD TO FIGHT FAIR.

The next evolution of our wildly popular Razor[®] line, the Razor[®] HD Gen III 1-10x24 brings the highest level of first focal plane performance to those who demand the versatility of 1-10x power. Military, law enforcement, and competition shooters alike will love the clarity of an HD optical system and a crisp, illuminated reticle in a package that weighs the same as our 1-6x, but doesn't sacrifice any durability. A true 1x on the low end and daylight bright illumination for reliable performance in all conditions makes this a single solution for close-quarters and long-range.



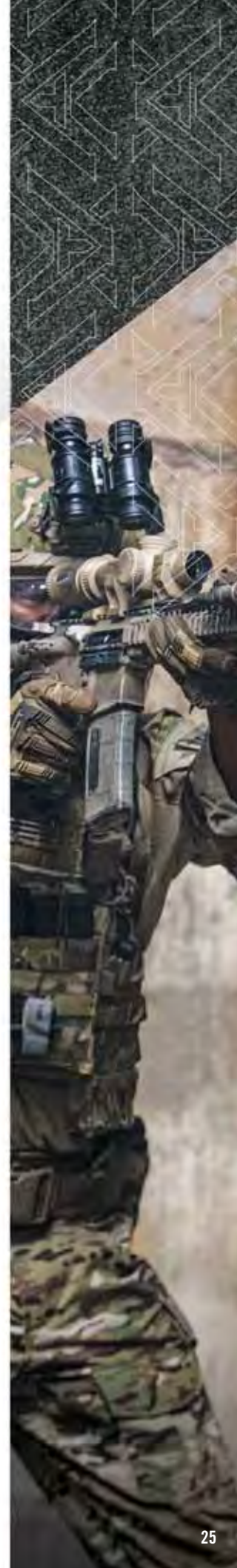
SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
RZR-11002	1-10x24	FFP	EBR-9 MRAD	Yes	3.6"	116.0' - 11.7'	N/A	34mm	10.1"	21.5 oz.
RZR-11001			EBR-9 BDC MOA							

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ PLUS LENS COATINGS
- ▶ APOCHROMATIC
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





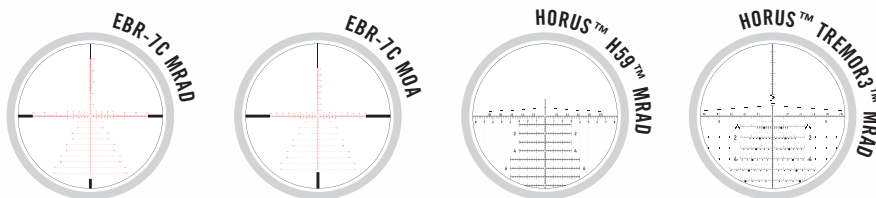
RAZOR[®] HD GEN II

RIFLESCOPE



DEADLY SERIOUS SCOPES FOR DEADLY SERIOUS WORK.

Tactical and competitive shooters looking for the optimal combination of features and optical quality have a clear go-to. The Razor[®] HD Gen II provides long-range shooters the advanced features needed to perform at the highest level, including locking turrets, the integrated L-Tec[™] zero stop, and a first focal plane reticle for when you need to shoot quickly from any magnification.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
RZR-42709	4.5-27x56	FFP	Horus [™] H59 [™] MRAD	Yes	3.7"	25.3' - 4.4'	L-Tec [™]	34mm	14.4"	48.5 oz.
RZR-42710			Horus [™] Tremor3 [™] MRAD							
RZR-42708			EBR-7C MRAD							
RZR-42707			EBR-7C MOA							
RZR-31805	3-18x50	FFP	EBR-7C MRAD	Yes	3.7"	37.8' - 6.3'	L-Tec [™]	34mm	14.4"	46.5 oz.
RZR-31804			EBR-7C MOA							

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR[™] PLUS LENS COATINGS
- ▶ PLASMA TECH
- ▶ APOCHROMATIC
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





RAZOR[®] HD GEN II-E

RIFLESCOPE

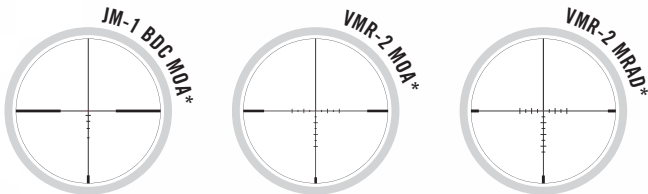
ILLUMINATED CENTER DOT

ANODIZED STEALTH SHADOW FINISH



THE 'E' IS SILENT.

Perfect for the AR platform, the Razor[®] HD Gen II-E is the top-tier optical solution for short to medium-range engagements. Nearly 1/4 pound lighter than the original Razor[®] HD Gen II 1-6x24, the “E” (Enhanced) model allows for quicker target transitions and less fatigue during long range days. It delivers a stunning level of clarity, resolution, color accuracy, light transmission, and edge-to-edge sharpness. True 1x is complimented by an ultra-forgiving eyepiece with generous eye relief for a HUD-like sight picture. The daylight bright illuminated center dot facilitates close-quarters target acquisition. Built like a tank on a 30mm aircraft-grade aluminum tube, the Razor[®] HD Gen II-E features low profile capped windage and elevation turrets for streamlined performance.



*Center dot illumination.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
RZR-16009			VMR-2 MRAD							
RZR-16010	1-6x24	SFP	VMR-2 MOA	Yes	4.0"	115.2' - 20.5'	N/A	30mm	10.1"	21.5 oz.
RZR-16008			JM-1 BDC MOA							

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR[™] PLUS LENS COATINGS
- ▶ PLASMA TECH
- ▶ APOCHROMATIC
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





RIFLESCOPES

RAZOR® HD LHT™

VORTEXOPTICS.COM

VORTEX



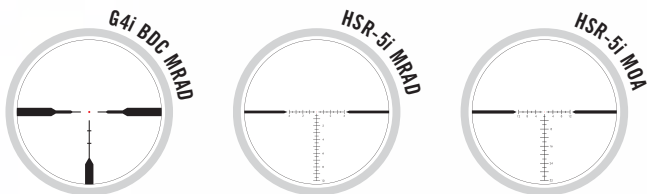
RAZOR[®] HD LHT[™]

RIFLESCOPE



GO LIGHTER FOR HEAVIER PACKOUTS.

From open-country mule deer to stalking rams in the mountains, the Razor[®] HD LHT[™] is the one long-range hunting optic you need to fill those faraway tags. We've stripped away everything you don't need to create a rifle scope that's among the lightest in its class, combining stunning HD clarity with tack-sharp resolution to create an optical system that's as clear at first light as it is at high noon. You also get push-button illumination on a reticle that's already intuitive and easy to use. What really pushes the Razor[®] HD LHT[™] into "must-have" territory are the locking elevation turret, and our exclusive RevStop[™] Zero System, which gives you a rock-solid return to zero so you can dial as much as you need to. Extend your effective range with the Razor[®] HD LHT[™].



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
RZR-31503	3-15x50	SFP	G4i BDC MRAD	Yes	3.8"	35.3' - 7.0'	RevStop [™]	30mm	13.6"	20.5 oz.
RZR-31502	3-15x42	SFP	HSR-5i MRAD	Yes	3.8"	35.3' - 7.0'	RevStop [™]	30mm	13.4"	19.1 oz.
RZR-31501			HSR-5i MOA							

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ WATERPROOF
- ▶ XR[™] PLUS LENS COATINGS
- ▶ FOGPROOF
- ▶ APOCHROMATIC
- ▶ SHOCKPROOF
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





RAZOR[®] HD

RIFLESCOPE

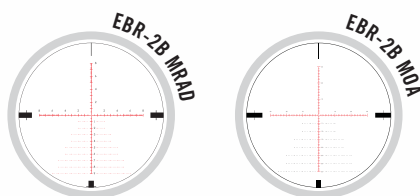


RIFLESCOPES

RAZOR[®] HD & GOLDEN EAGLE[®] HD

WHEN YOUR RIFLE NEEDS A TRAVEL AGENT.

It's simple: We built the Razor[®] HD so you can shoot farther than you ever thought possible. Purpose-built to go long, it offers the crisp image quality necessary to identify targets at extended range, while the 35mm, one-piece tube allows for 36 MRAD / 125 MOA of adjustment. No other scope in our line has this much travel, and thanks to the integrated mechanical RZR™ zero stop, you can dial all day knowing you'll have an accurate, repeatable return to zero. A glass-etched, first focal plane reticle makes for quick, easy holdovers, range estimations, or calls for correction on any magnification.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
RZR-52006	5-20x50	FFP	EBR-2B MRAD	Yes	3.9"	22.5' - 5.8'	RZR™	35mm	15.8"	37.0 oz.
RZR-52005			EBR-2B MOA							

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ LENS COATINGS
- ▶ APOCHROMATIC
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.



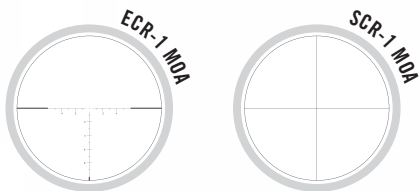
GOLDEN EAGLE[®] HD

RIFLESCOPE



REDEFINE YOUR EFFECTIVE RANGE.

Specifically designed for F-Class and Bench Rest competition shooters, the Golden Eagle[®] HD is the winning edge you need. The 15-60x magnification range, ultra-precise 1/8 MOA adjustments, and extremely fine second focal plane reticle options help maximize precision on known-distance, long-range targets. All these features are complimented by an optical system that provides a super-sharp target picture and the ability to read mirage and other wind indicators accurately. Equally impressive, the Golden Eagle[®] HD weighs in at 29.7 ounces, helping shooters adhere to strict competition weight limits. When you're going for gold, go for the Golden Eagle[®] HD.



ASR (Aperture Stop Ring)

Broadens the depth of field allowing the shooter to more easily observe down-range mirage and other wind indicators while keeping the target in focus.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
TCS-1503	15-60x52	SFP	ECR-1 MOA	No	3.9"	6.3' - 1.7'	N/A	30mm	16.1"	29.7 oz.
TCS-1501			SCR-1 MOA							

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ PLUS LENS COATINGS
- ▶ PLASMA TECH
- ▶ APOCHROMATIC
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.



RIFLESCOPES

VIPER® PST™ GEN II

VORTEXOPTICS.COM

VORTEX



VIPER[®] PST[™] GEN II

RIFLESCOPE

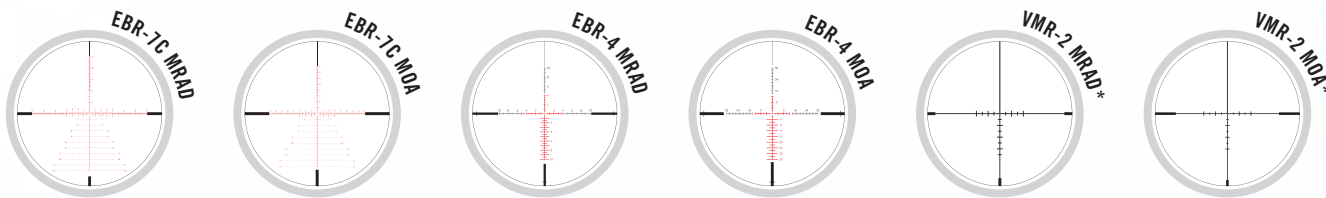


RZR[™] ZERO STOP



WHEN ALL ELSE FAILS, THIS WON'T.

The Viper[®] PST[™] Gen II brings you all the features of elite, top-tier tactical optics at a fraction of the cost. The optical system delivers bright, crisp images across the zoom range with an impressive field of view for quicker target acquisition. Whether you're topping your door kicker or dialing precision long-range shots, there's a Viper[®] PST[™] Gen II to fulfill your needs and exceed your expectations.



*Center dot illumination.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
PST-5259	5-25x50	FFP	EBR-7C MRAD	Yes	3.4"	24.1' - 4.8'	RZR [™]	30mm	15.8"	31.2 oz.
PST-5256		SFP	EBR-7C MOA							
PST-5251		SFP	EBR-4 MOA							
PST-3159	3-15x44	FFP	EBR-7C MRAD	Yes	3.4"	41.2' - 8.6'	RZR [™]	30mm	14.3"	28.1 oz.
PST-3156		SFP	EBR-7C MOA							
PST-3151		SFP	EBR-4 MOA							
PST-2105	2-10x32	FFP	EBR-4 MRAD	Yes	3.2"	58.3' - 11.7'	RZR [™]	30mm	12.6"	26.3 oz.
PST-2101		SFP	EBR-4 MOA							
PST-1607	1-6x24	SFP	VMR-2 MRAD	Yes	3.8"	112.5' - 18.8'	N/A	30mm	10.8"	22.7 oz.
PST-1605		SFP	VMR-2 MOA							

FEATURES

- ▶ XD[™] OPTICAL SYSTEM
- ▶ XR[™] LENS COATINGS
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

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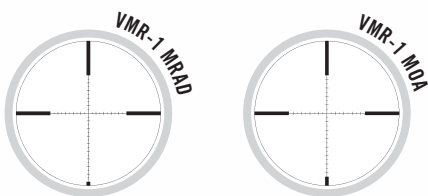
VIPER[®] HST[™]

RIFLESCOPE



ONE SCOPE THAT DOES IT ALL.

Tree stands to mountain tops, bolt guns to ARs, the Viper[®] HST[™] is at home wherever you are. Blending many of the best features from our incredibly popular Viper[®] PST[™] and Viper[®] HS[™] riflescopes, the Viper[®] HST[™] is built on an ultra-strong 30mm, one-piece aluminum tube to deliver ample windage and elevation travel. An advanced optical system, highlighted by a 4x zoom range, provides magnification versatility and a forgiving eyebox with increased eye relief, getting shooters on target quickly. Incredibly precise, repeatable, and durable tactical turrets built for dialing — along with its hashmark-based VMR-1 reticle — top this rifle scope's complete long-range performance features.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
VHS-4310	6-24x50	SFP	VMR-1 MRAD	No	4.0"	17.8' - 5.1'	CRS [™]	30mm	15.4"	22.6 oz.
VHS-4325			VMR-1 MOA							
VHS-4308	4-16x44	SFP	VMR-1 MRAD	No	4.0"	27.4' - 7.4'	CRS [™]	30mm	13.3"	20.8 oz.
VHS-4309			VMR-1 MOA							

FEATURES

- ▶ XD[™] OPTICAL SYSTEM
- ▶ XR[™] LENS COATINGS
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.



VIPER[®] / HSLR[™] / HS[™]

RIFLESCOPE



CAPPED QUICK-RESET TURRET

PROVEN IN THE ONLY LAB THAT MATTERS.

Ask us to pick one series of riflescopes as the go-to for just about any hunting or recreational shooting application and the answer is almost always the Viper[®]. Hunters and shooters looking for clear, crisp, and bright views with rock-steady performance would be hard-pressed to find a better rifle-topper. Plus, you get all the options you need: Take fully-capped turrets, or choose the Viper[®] HSLR[™], with its exposed elevation turret for quick dialing on long-range shots. Whether ringing steel at the range or filling the freezer, the Viper[®] series is always ready for action.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
Viper[®] HSLR[™]										
VHS-4315-LR	6-24x50	FFP	XLR MOA	No	4.0"	17.8' - 5.1'	CRS [™]	30mm	15.4"	22.4 oz.
VHS-4307-LR	4-16x50	SFP	Dead-Hold [®] BDC MOA	No	4.0"	27.4' - 7.4'	CRS [™]	30mm	13.6"	21.4 oz.
Viper[®] HS[™]										
VHS-4307	4-16x50	SFP	Dead-Hold [®] BDC MOA	No	4.0"	27.4' - 7.4'	N/A	30mm	13.6"	20.4 oz.
VHS-4305	4-16x44	SFP	Dead-Hold [®] BDC MOA	No	4.0"	27.4' - 7.4'	N/A	30mm	13.4"	18.4 oz.
VHS-4303	2.5-10x44	SFP	Dead-Hold [®] BDC MOA	No	4.0"	47.0' - 10.9'	N/A	30mm	12.0"	16.5 oz.
Viper[®]										
VPR-M-06BDC	6.5-20x50	SFP	Dead-Hold [®] BDC MOA	No	3.1"	17.4' - 6.2'	N/A	30mm	14.4"	21.6 oz.
VPR-M-06MD			Mil Dot MOA							

FEATURES

- ▶ XD[™] OPTICAL SYSTEM
- ▶ XR[™] LENS COATINGS
- ▶ ARMORTEK[®]
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





RIFLESCOPES

STRIKE EAGLE®



VORTEX

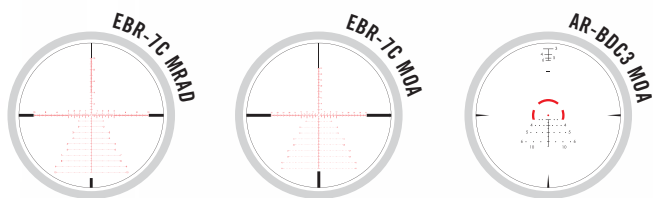
STRIKE EAGLE®

RIFLESCOPE



PREPARE FOR IMMEDIATE IMPACT.

Executing technical, short, and long-range shots requires a versatile rifle scope with rock-solid quality. Strike Eagle® riflescopes boast powerful features in a trim, lightweight, durable package making them ideal for value-minded shooters, or those looking to get in the game without taking out a loan to do it. A true 1x on the low end adapts to a wide range of scenarios, letting shooters engage targets from point-blank to extended ranges. In any application, the Strike Eagle® ensures accurate, reliable, and repeatable performance — every time you squeeze the trigger.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
SE-52504	5-25x56	FFP	EBR-7C MRAD	Yes	3.7"	24.0' - 5.2'	RevStop™	34mm	14.6"	30.4 oz.
SE-52503			EBR-7C MOA							
SE-1824-2	1-8x24	SFP	AR-BDC3 MOA	Yes	3.5"	109.0' - 14.4'	N/A	30mm	10.0"	17.6 oz.
SE-1624-2	1-6x24	SFP	AR-BDC3 MOA	Yes	3.5"	116.5' - 19.2'	N/A	30mm	10.5"	18.5 oz.

FEATURES

- ▶ XD™ OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ ARMORTEK®
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

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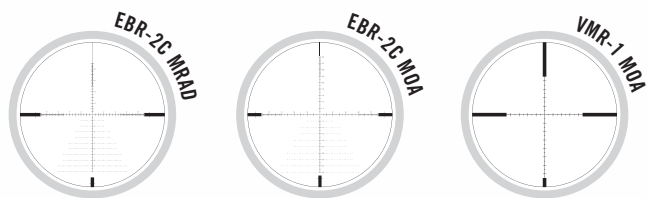
DIAMONDBACK[®] TACTICAL

RIFLESCOPE



BEAT THE WIND, GRAVITY, AND YOUR PERSONAL BEST.

The Diamondback[®] Tactical puts the focus where it counts. Exposed turrets bring tracking performance previously unheard of at this price point, while its optical system delivers sharp image quality, even at long-range. Its simple design places you firmly in the driver's seat with the potential to take on 1,000 yards and beyond, and it's perfect for new shooters, your training rifle, or experienced shooters looking for a back-to-basics optic on their fun gun. Mount a first focal plane model on a sweet-shooting rifle and you got a competition rig without breaking the bank.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
DBK-10029	6-24x50	FFP	EBR-2C MRAD	No	3.9"	18.0' - 4.5'	N/A	30mm	14.3"	24.6 oz.
DBK-10028			EBR-2C MOA							
DBK-10027	4-16x44	FFP	EBR-2C MRAD	No	3.8"	26.9' - 6.7'	N/A	30mm	14.1"	23.1 oz.
DBK-10026			EBR-2C MOA							
DBK-10025	4-12x40	SFP	VMR-1 MOA	No	3.9"	23.6' - 7.9'	N/A	1"	14.1"	16.2 oz.

FEATURES

- ▶ XD™ OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.



DIAMONDBACK®

RIFLESCOPE

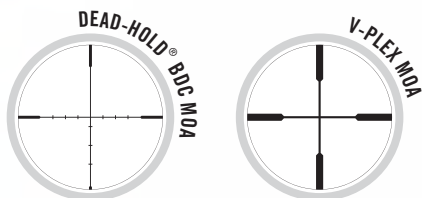


AIRCRAFT-GRADE ALUMINUM
CONSTRUCTION



GREATNESS RUNS IN THE FAMILY.

You know you love it — that “I-just-got-more-than-I-paid-for” feeling — and the price-to-performance ratio for the Diamondback® will put a big ol’ smile on your face. It’s a classic, with image quality, build quality, and overall turret feel that means you don’t have to settle for blah performance out of an affordable optic. A variety of configurations and a fast-focus eyepiece give you speed and versatility, and at this price, you can afford to spend more time in the woods.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
DBK-04-BDC	4-12x40	SFP	Dead-Hold® BDC MOA	No	3.1"	32.4' - 11.3'	N/A	1"	12.0"	14.6 oz.
DBK-03-BDC	3.5-10x50	SFP	Dead-Hold® BDC MOA	No	3.3"	35.8' - 13.5'	N/A	1"	12.5"	16.2 oz.
DBK-01-BDC	3-9x40	SFP	Dead-Hold® BDC MOA	No	3.3"	44.6' - 14.8'	N/A	1"	11.6"	14.4 oz.
DBK-M-01P			V-Plex MOA							
DBK-RIM	2-7x35 Rimfire	SFP	V-Plex MOA	No	3.1"	64.3' - 19.3'	N/A	1"	11.6"	14.2 oz.
DBK-08-BDC	1.75-5x32	SFP	Dead-Hold® BDC MOA	No	3.5"	68.3' - 23.1'	N/A	1"	10.2"	12.8 oz.

FEATURES

- ▶ XD™ OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





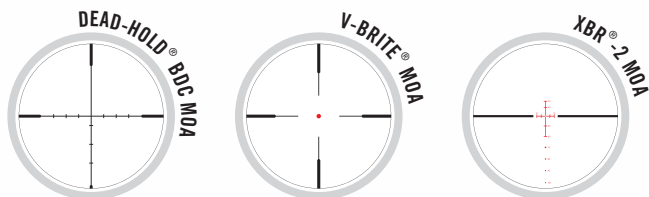
CROSSFIRE® II

30MM TUBE RIFLESCOPE



READY, AIM, DINNER!

With a scope offering as much variety as the Crossfire® II, you get options, options, and more options to match your needs. A 30mm tube diameter and incredibly versatile, top-end magnification makes this scope the perfect choice for an endless list of rifle-topping tasks. Exceptionally clear, fully multi-coated optics and superior build quality at this price will leave you scratching your head. It's everything you'd expect from the Crossfire®, and purpose-built for your needs.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
CF2-31045	6-24x50	SFP	Dead-Hold® BDC MOA	No	4.0"	17.3' - 4.4'	N/A	30mm	14.5"	23.6 oz.
CF2-31039	4-16x50	SFP	Dead-Hold® BDC MOA	No	3.7"	25.0' - 3.7'	N/A	30mm	14.4"	23.6 oz.
CF2-31049	3-12x56 Hog Hunter	SFP	V-Brite® MOA	Yes	3.5"	36.7' - 9.2'	N/A	30mm	13.5"	27.7 oz.
CF2-CB1	2-7x32 Crossbow Kit	SFP	XBR®-2 MOA	Yes	2.7"	57.5' - 16.4'	N/A	30mm	9.5"	14.0 oz.
CF2-31037	1-4x24	SFP	V-Brite® MOA	Yes	4.0"	96.1' - 24.1'	N/A	30mm	9.6"	15.6 oz.

FEATURES

- ▶ SD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.



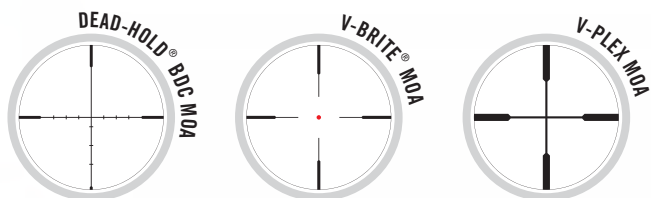
CROSSFIRE® II

1 INCH TUBE RIFLESCOPE



HUNT HIGH. HUNT LOW. HUNT HARD.

The clear, tough, and bright optical quality of our popular Crossfire® II line is designed to make similarly priced riflescopes look downright silly. Long eye relief, a fast-focus eyepiece, fully multi-coated lenses, and resettable MOA turrets are hallmarks of the series, not to mention a price point that will leave you plenty of cash to hit the range and the woods in style. Go ahead. Take one for a spin and see what you've been missing.



SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TUBE SIZE	LENGTH	WEIGHT
CF2-31029	6-18x44	SFP	V-Brite® MOA	Yes	3.7"	15.2' - 5.2'	N/A	1"	13.8"	19.6 oz.
CF2-31033			Dead-Hold® BDC MOA	No						
CF2-31023	4-12x50	SFP	Dead-Hold® BDC MOA	No	3.9"	25.7' - 8.4'	N/A	1"	14.3"	20.6 oz.
CF2-31015	4-12x44	SFP	Dead-Hold® BDC MOA	No	3.9"	24.7' - 8.4'	N/A	1"	13.2"	15.5 oz.
CF2-31013			V-Plex MOA							
CF2-31019	4-12x40	SFP	Dead-Hold® BDC MOA	No	3.9"	24.7' - 8.4'	N/A	1"	13.6"	19.2 oz.
CF2-31027	3-9x50	SFP	V-Brite® MOA	Yes	3.8"	32.0' - 12.9'	N/A	1"	12.8"	18.4 oz.
CF2-31011			Dead-Hold® BDC MOA	No						
CF2-31025	3-9x40	SFP	V-Brite® MOA	Yes	3.8"	34.1' - 12.6'	N/A	1"	11.9"	15.0 oz.
CF2-31007			Dead-Hold® BDC MOA	No						
CF2-31005			V-Plex MOA	No						
CF2-31002	2-7x32 Scout	SFP	V-Plex MOA	No	9.5"	18.3' - 5.2'	N/A	1"	10.7"	12.0 oz.
CF2-31001R	2-7x32 Rimfire	SFP	V-Plex MOA	No	3.9"	42.0' - 12.6'	N/A	1"	10.7"	14.3 oz.
CF2-31003	2-7x32	SFP	Dead-Hold® BDC MOA	No	3.9"	42.0' - 12.6'	N/A	1"	10.7"	14.3 oz.
CF2-31001			V-Plex MOA							

FEATURES

- ▶ SD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





RIFLESCOPE ACCESSORIES



PRO SERIES RIFLESCOPE RINGS

The finishing touch for your rifle and optic combination, Pro Series Rings combine rock-solid reliability and strength with high quality machining to ensure accuracy and consistency. Streamlined, lightweight, and durable, these rings use four T-25 Torx-style socket cap screws for secure mounting.

30mm Low .90" PR30-L / Medium 1.00" PR30-M / High 1.26" PR30-H / Extra High 1.54" PR30-XH
1 inch Low .75" PR1-L / Medium .95" PR1-M



PRECISION MATCHED RINGS

Held to a higher standard and built tough, these rings are machined with certified USA 7075 T6 billet aluminum to an extremely tight tolerance of .0005 inches using a precision Computer Numeric Controlled (CNC) mill.

35mm .95" PMR-35-95 / 1.00" PMR-35-100 / 1.26" PMR-35-126
34mm .92" PMR-34-92 / 1.00" PMR-34-100 / 1.10" PMR-34-1.1
1.26" PMR-34-126 / 1.45" PMR-34-145
30mm .87" PMR-30-87 / .97" PMR-30-97 / .97" Weaver PMR-30-97-W
1.26" PMR-30-126 / 1.45" PMR-30-145
1 inch .76" Weaver PMR-01-76-W



HUNTER RINGS

Simple and reliable, Hunter Rings mount to a Picatinny or Weaver-type rail. The standard, 2-screw rings are a nice match for general hunting setups when value and reliability are crucial. Made from aircraft-grade 6061-T6 aluminum for optimum strength.

30mm Low .75" 30MRNG-L / Medium .94" 30MRNG-M / High 1.22" 30MRNG-H
1 inch Low .63" RING-L / Medium .87" RING-M / High 1.22" RING-H



PRECISION QUICK RELEASE EXTENDED CANTILEVER MOUNT

Purpose-built to get your AR on target, this quick release cantilever mount is designed for mounting telescopic sights with 30mm tubes onto a flattop-style AR-15 rifle. This cantilever mount's offset positions the scope in a forward location, providing correct eye relief and head placement when used on an AR-15.

30mm 1.45" CM-404



PRECISION EXTENDED CANTILEVER MOUNT

The options, and precise machining, you need to get that just-right fit. Available in 30mm, 34mm, and 35mm with options for 20 MOA cant, these extended cantilevers have all the same features as our Precision Matched Rings, and are designed for mounting scopes with a forward location, providing correct eye relief and head placement.

35mm 1.57" CM-535 / **34mm** 1.57" CM-534 / **34mm 20 MOA** 1.57" CM-534-20
30mm 1.57" CM-530 / **30mm 20 MOA** 1.57" CM-530-20



PRO EXTENDED CANTILEVER MOUNT

If these mounts make you think of freedom it's probably because they're made right here in the USA. These extended cantilever mounts are available in 34mm, 30mm, and 1 inch tube sizes and provide the correct height and forward placement for proper scope mounting.

34mm 1.44" CVP-34 / **30mm** 1.44" CVP-30 / **1 inch** 1.44" CVP-1



SPORT CANTILEVER RIFLESCOPE MOUNT

Get more comfort and more accuracy out of your AR. Vortex® cantilever ring mounts provide the correct height and forward placement for proper scope mounting on flattop ARs. Available for 1 inch and 30mm tubes in 2 inch or 3 inch offset.

30mm 2 inch offset 1.59" CM-202 / 3 inch offset 1.59" CM-203
1 inch 2 inch offset 1.59" CM-102 / 3 inch offset 1.59" CM-103



DEFENDER® FLIP CAP

Rifle ranges the world over are littered with broken flip caps, but this is one cap you won't see in the ol' flip cap boneyard. Virtually indestructible, it fits snugly on nearly all Vortex® riflescopes, and features a snap flat spring that keeps your line of sight unobstructed. The E-10 cap has three stop positions. The first is vertical, the second at 45°, and the third at 90° to lay flat.

Eye-piece E-10

56mm Bell Objective O-56 50mm Bell Objective O-50
44mm Bell Objective O-44 40mm Bell Objective O-40
32mm Bell Objective O-32 24mm Bell Objective O-24



TORQUE WRENCH KIT

CTW2

Installing and maintaining precision gear takes precision tools, and this is the one kit you'll need to keep your zero safe. Adjustable in 1 in./lb. increments, this tool is easy to read, simple to set, and offers fast, accurate torque whenever and wherever you need it.



SUNSHADE

Prepare for every shooting scenario and reduce glare and sun reflection off the objective lens by adding a 4 inch sunshade. Available for select Viper® (44mm and 50mm) and Diamondback® Tactical riflescopes (40mm).

Viper® 50mm 50MM-V-SHADE
Viper® 44mm 44MM-V-SHADE
Diamondback® Tactical 40mm DBK-SS4



SWITCHVIEW™ THROW LEVER

46mm SV-5 / 44mm SV-4 / 49mm SV-3 / 44mm SV-2



LO PRO BUBBLE LEVEL

34mm LBL-34 / 30mm LBL-30 / 1 inch LBL-1



BUBBLE LEVEL

35mm BL35 / 34mm BL34
30mm BL30 / 1 inch BL1





GETTING THE DROP ON DOPE

GETTING THE DROP ON DOPE



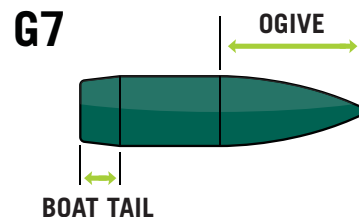
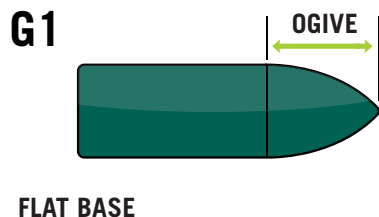
MASTER THESE THREE FACTORS FOR INCREASED ACCURACY

By Nick Laufenberg

When we talk about collecting precise DOPE (Data on Previous Engagements), what we're looking for is recordable and repeatable information that helps put you, the shooter, on target. Two of the most important factors to consider are Muzzle Velocity and Ballistic Coefficient.

First, let's take a quick look at Muzzle Velocity. Muzzle Velocity is the speed at which the bullet is leaving the muzzle of your rifle. The most common way to collect your initial muzzle velocity data is via the use of a chronograph. The speed of your bullet will decrease while it is in flight due to several variables, one of which is Ballistic Coefficient.

Ballistic Coefficient (BC) is a constant in ballistics that represents the efficiency of a projectile in overcoming air resistance. Typically, in shooting, Ballistic Coefficient is measured using either the G1 drag model or the G7 drag model. These drag models are projectile models with a specific shape and dimensions being relative to the projectile's caliber (diameter). Take a moment to reference these two models below. The G1 standard model features a flat base with a short ogive, whereas the G7 standard model features a boat tail at the rear and an elongated ogive. In long-range shooting, the G7 drag model is commonly used, primarily due to its shape being a closer representation to projectiles often used in this application.



Most bullet manufactures provide a Ballistic Coefficient along with their projectiles or loaded ammunition. It is very important that you use the correct drag model specified by the manufacturer when inputting that data into your ballistic solver. Inputting a G7 Ballistic Coefficient number as a G1 or vice versa will yield inaccurate results.

BETTER SHOOTING THROUGH DATA

Once you have your ballistic solver set up with a Muzzle Velocity and Ballistic Coefficient, it is now time to start truing your data. By shooting at known distances using the data provided by your ballistic solver and measuring the error from your point of aim to your point of impact, you can easily account for error in your data. Collect this data at multiple ranges, continuing out to extend the range as you go.

Many ballistic solvers have tools to validate your trajectory and true up your velocity and Ballistic Coefficient. Like all man-made devices, chronographs have tolerances that may impart some level of error. In many cases, you will need to adjust your Muzzle Velocity to account for this error. The Ballistic Coefficient may also require some minor tweaks due to the individual rifle barrel; however, in most cases, the data provided by the manufacturer is very close. Changes to your Ballistic Coefficient should always be trued at a distance beyond Muzzle Velocity truing. Once you have trued your data at multiple ranges, the results should be much more accurate.



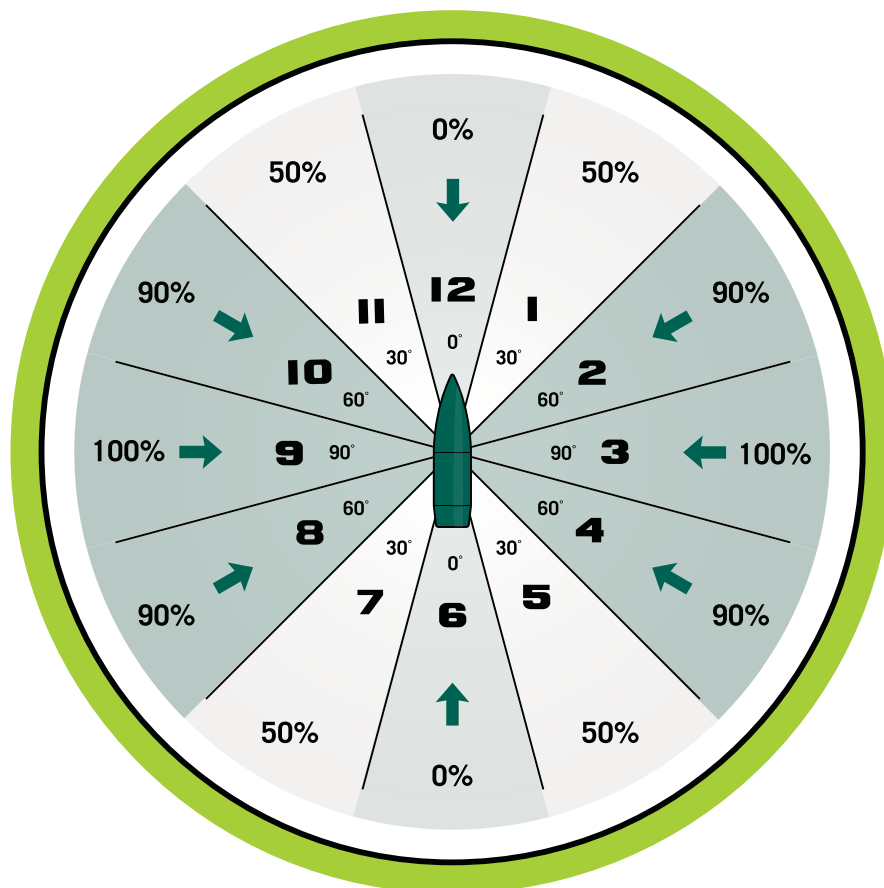
Equipment used for gathering data can range from user to user, and you may find other equipment works better for you. For example: A chronograph device such as a Magnetospeed™ or LabRadar™ will give you a much better velocity baseline to work from in contrast to utilizing advertised box data. Here's what a common loadout looks like:

- A.** Rifle: Curtis Custom Weapons **B.** Vortex® Razor® HD Gen II 4.5-27x56 **C.** Rings: Vortex® Precision Matched
D. Action: Tuebor Precision **E.** Barrel: Proof Research **F.** Stock: McMillan® Game Warden® **G.** Bottom Metal: Badger M5
H. Bipod: Harris HBLMS 9"-13" **I.** Rear Bag: Wiebad - Whiskey Charlie Mini Fortune Cookie
J. Binocular/Rangefinder: Vortex® Fury® HD 5000 AB **K.** Weather/Solver: Kestrel® 5700 Elite with Applied Ballistics®
L. Ammunition: Hornady® Match™ **M.** Spotting Scope: Razor® HD 27-60x85 Straight (with MRAD eyepiece)
N. Tripod: Vortex® Radian™ Carbon (with leveling head) **O.** Backpack: Eberlestock™ – Highspeed
P. Shooting Mat: MidwayUSA® Pro Series Competition Shooting Mat

DON'T LET THE WIND PUSH YOU AROUND

The DOPE you collect is not only to help you account for distance, but also for wind. Wind is one of the most challenging things about long-range shooting. Wind is dynamic. It gusts, it lulls, and it changes direction. As we push out to further distances, the effects of wind become increasingly evident.

Although wind speed is certainly important, wind direction can prove to be much more crucial in putting accurate rounds on target. Use the diagram as a reference for understanding. Note how the diagram is broken down into percentages, degrees, as well as a clock-face. The clock-face is often used to quickly reference direction in the field.



Take for example, a wind from 12:00 or 6:00 has a 0% value whereas from 9:00 or 3:00, it has a 100% value. When the wind has a 100% value, this is referred to as a full value wind. If the wind velocity is 10 mph from a 9:00 or 3:00 direction, that wind will affect the bullet as a full 10 mph, however if that same 10-mph wind is from 12:00 or 6:00, this will have the same horizontal effect as a 0-mph wind.

Where things become tricky is when you start looking in between those points. You'll notice the percentage does not increase evenly. This is why wind direction is so important. Take these examples below using my .308 Winchester hunting rifle:

According to ballistic calculations, at 500 yards, a 10-mph wind from 11:00 will cause around 10 inches of wind deflection. Take that same 10-mph wind from 10:00 and you'll see around 17 inches of wind deflection.

In this second example, the wind direction has been precisely determined as being from 10:00. That same 10-mph wind will cause 17 inches of deflection; however, the wind would need to decrease to 6 mph for our data to reflect 10 inches of deflection. By just having our wind direction more accurately accounted for, we were able to successfully negate the equivalent of a 4-mph inaccuracy with our wind speed.

PUTTING IT ALL TOGETHER

Both Ballistic Coefficient and Muzzle Velocity play a role in how much wind affects your projectile as it relates to point of impact downrange. By being more precise with obtaining an accurate Muzzle Velocity, Ballistic Coefficient, and wind direction, you will quickly increase the percentage of bullets put on target. Happy shooting!

Nick Laufenberg

Customer Engagement Specialist

E: nlaufenberg@vortexoptics.com

P: 1-800-4-VORTEX



Wind and mirage can also affect the vertical component of your point of impact and should be recorded in your data. Being able to reference this info later allows you to find patterns to make note of. These patterns are often very repeatable and can be compensated for if accurately recorded. Familiarizing yourself with these effects, and properly implementing that information, will increase your level of success as a marksman.

WANT TO LEARN MORE?

Just scan the QR codes below to get started. With the QR code reader turned on in your phone settings and the camera app open, simply hold up your phone and zoom in on the QR code. Your phone will redirect you.



HOW TO GET MUZZLE VELOCITY WITHOUT A CHRONOGRAPH

How-To Video



WHAT'S IT LIKE TO SHOOT LONG-RANGE FOR THE FIRST TIME?

Vortex Nation™ Blog Article



LONG-RANGE SHOOTING 1001 - THE FOUNDATION

Vortex Nation™ Podcast, Ep. 06



HOMEMADE VS PROMADE: GUNSMITH BUILDS AND TESTS THE ULTIMATE LONG-RANGE RIFLE

Vortex Nation™ Podventure, Ep. 01



Jim J. - Customer Service
1-800-4-VORTEX EXT. 2298

BECAUSE YOUR INTERNET BROWSER DOESN'T KNOW WHAT IT MEANS TO LOVE THE SOUND OF RINGING STEEL.

For answers to all your optics questions, and for tips on dialing your long-range rig, our team of experts is always ready to share your passion for putting rounds downrange. No WiFi required. And if anything ever happens to your Vortex® gear, we've got your back for that too.



**UNCONDITIONAL. UNLIMITED.
LIFETIME WARRANTY.**

Vortex® will repair or replace the product. Absolutely free—no matter the cause.

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



RED DOT





RED DOTS



RED DOT

AMG® UH-1® GEN II

VORTEXOPTICS.COM



VORTEX

AMG[®] UH-1[®] GEN II

HOLOGRAPHIC SIGHT



ZERO IMAGE
DISTORTION

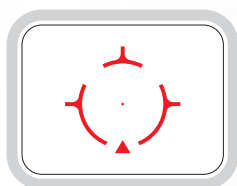


NIGHT-VISION COMPATIBILITY
WITH DEDICATED NV BUTTON

INTEGRATED
QUICK-RELEASE MOUNT

UNSTOPPABLE, DAY OR NIGHT.

When you rely on a tactical optic to keep you in the game, you've got to be ready to shine, day or night. The AMG[®] UH-1[®] Gen II is the close-quarters solution you've been asking for, offering an incredibly fast holographic display to conquer every close-quarters situation, now with night-vision compatible settings and a dedicated night-vision button. A large viewing window makes this door-kicker even faster, and a sleek, snag-free build looks and maneuvers great. The lightning-quick EBR-CQB reticle is designed to dominate in close-quarters, and our FHQ[™] technology virtually eliminates stray light emissions for stealth shooting. Duty never sleeps, and the AMG[®] UH-1[®] Gen II is ready to light your way.



EBR-CQB 1 MOA RETICLE



The clean, highly versatile, purpose-built reticle creates optimal target engagement in a wide range of scenarios.

FHQ[™] Technology

Fusion Hologram with Quantum Well Light Control (FHQ) Technology virtually eliminates stray light emissions for stealth shooter signature in low light and prevents eyepiece glare common to other holographic sights.

SPECS

SKU	RETICLE	DOT COLOR	BATTERY TYPE	EYE RELIEF	MAGNIFICATION	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
AMG-HS02	EBR-CQB 1 MOA	Bright Red	CR123A	Unlimited	1x	3.9"	11.0 oz.

FEATURES

▶ XR[™] PLUS LENS COATINGS

▶ ARMORTEX[®]

▶ WATERPROOF

▶ FOGPROOF

▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





NEW

RED DOT

SPARC® SOLAR

VORTEXOPTICS.COM

VORTEX



SPARC[®] SOLAR

RED DOT



MOTION ACTIVATION
CAPABLE

NIGHT-VISION
COMPATIBILITY

MULTI-HEIGHT
MOUNT SYSTEM



FLUSH SNAG-FREE
TURRETS

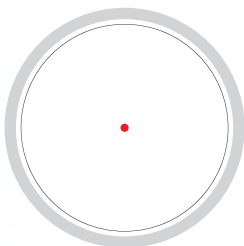
SIDE PUSH BUTTON
CONTROLS



SOLAR PANEL

CARRY THE SUN INTO THE STORM.

The latest iteration of our SPARC[®] series of red dots now harnesses the power of the sun for up to 150,000 hours of battery life, powering a reliable tactical machine ready to help you protect what matters most. Our smartest red dot to date, the SPARC[®] SOLAR's Auto D-TEC™ technology automatically switches from solar to battery power when the sun can't power the dot to your choice of 10 daytime illumination settings and two night-vision compatible settings. Motion activation capable, the SPARC[®] is always ready, and its daylight bright, 2 MOA dot provides a clear, precise point of aim. Near and far, night and day, the SPARC[®] SOLAR means you're always ready.



2 MOA RED DOT



The daylight bright red dot is easy to see and paints targets regardless of lighting conditions or background.

LONG BATTERY LIFE

DOT COLOR	USING SOLAR POWER AND BATTERY POWER
Bright Red	150,000 Hours

SPECS

SKU	DOT SIZE	DOT COLOR	BATTERY TYPE	EYE RELIEF	MAGNIFICATION	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
SPC-404	2 MOA	Bright Red	CR2032	Unlimited	1x	2.6"	5.9 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.





RED DOT

SPARC® AR



VORTEX

VORTEXOPTICS.COM

SPARC[®] AR

RED DOT



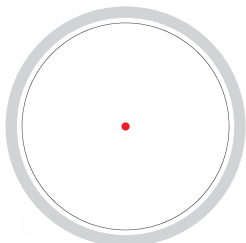
12-HOUR AUTO SHUTOFF

UP TO 50,000 HOURS OF BATTERY LIFE AND NIGHT-VISION COMPATIBILITY

REAR-FACING ILLUMINATION CONTROL (12 ILLUMINATION SETTINGS)

IT TAKES A SPARC TO LIGHT A FIRE.

Looking for the one optic you need to max your AR's effectiveness in any environment? The SPARC[®] AR features compact, rugged construction with a lightweight form-factor and 50,000 hours of battery life. And to make that battery last even longer, we've built in an auto shutoff. The 2 MOA dot is as easy as point and shoot — quick to acquire in close-quarters, but fine enough for pin-point accuracy at extended ranges. Plus, it's night-vision compatible on the two lowest illumination settings. A unique, integrated base is hassle-free on any AR, or similar platform, and rear-facing digital controls make adjusting to your situation fast and easy. For reliable performance and loads of user-friendly features, look no further.



2 MOA RED DOT



The daylight bright red dot is easy to see and paints targets regardless of lighting conditions or background.

LONG BATTERY LIFE

DOT COLOR	ILLUMINATION SETTING 6
Bright Red	50,000 Hours

SPECS

SKU	DOT SIZE	DOT COLOR	BATTERY TYPE	EYE RELIEF	MAGNIFICATION	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
SPC-AR2	2 MOA	Bright Red	AAA	Unlimited	1x	2.9"	8.6 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.





STRIKEFIRE® II

RED DOT



10 ILLUMINATION SETTINGS



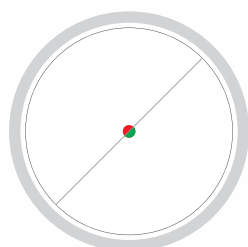
UP TO 50,000 HOURS OF BATTERY LIFE AND NIGHT-VISION COMPATIBILITY

12-HOUR AUTO SHUTOFF

CANTILEVER MOUNT INCLUDED

STRIKE WHILE THE BARREL'S HOT.

Can going bigger actually make you faster? It can when you're talking about field of view. The Strikefire® II's larger objective and 30mm tube provide a larger field of view and allow it to be mounted at just about any height using most common 30mm rings. The 4 MOA dot is easy to acquire quickly and is available in red-only or user-selected red/green models. From AR-15s to shotguns, the Strikefire® II offers super-fast, big-time versatility at a price that leaves you plenty of cash for ammo.



4 MOA RED/GREEN DOT



The daylight bright red dot is easy to see and paints targets regardless of lighting conditions or background.

LONG BATTERY LIFE

DOT COLOR	ILLUMINATION SETTING 6
Bright Red	50,000 Hours
Red/Green	360 Hours

SPECS

SKU	DOT SIZE	DOT COLOR	BATTERY TYPE	EYE RELIEF	MAGNIFICATION	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
SF-BR-504	4 MOA	Bright Red	CR2	Unlimited	1x	5.6"	12.8 oz.
SF-RG-501	4 MOA	Red/Green	CR2	Unlimited	1x	5.6"	12.8 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.

RED DOTS

STRIKEFIRE® II & CROSSFIRE®

VORTEXOPTICS.COM



CROSSFIRE[®]

RED DOT



11 ILLUMINATION SETTINGS

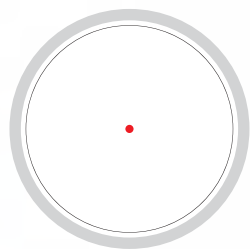
UP TO 50,000 HOURS
OF BATTERY LIFE AND
NIGHT-VISION COMPATIBILITY

MULTI-HEIGHT
SKELETONIZED
MOUNT INCLUDED



MAKE IT RAIN BRASS, RAIN OR SHINE.

The Crossfire[®] is a no-nonsense sight at a no-nonsense price for darn near any application. When your AR-15, shotgun, or rimfire needs a simple point of aim and none of the frills, the Crossfire[®] should be at the top of your list. The 2 MOA dot is quick to acquire in close-quarters, while remaining fine enough for dead-on accuracy at extended ranges. You also get 50,000 hours of battery life, plus night-vision compatibility on the two lowest illumination settings. In addition to just plain looking awesome, the included skeletonized lower 1/3 co-witness mount provides a rock-solid, extremely lightweight platform.



2 MOA RED DOT



The daylight bright red dot is easy to see and paints targets regardless of lighting conditions or background.

LONG BATTERY LIFE

DOT COLOR	ILLUMINATION SETTING 6
Bright Red	50,000 Hours

SPECS

SKU	DOT SIZE	DOT COLOR	BATTERY TYPE	EYE RELIEF	MAGNIFICATION	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
CF-RD2	2 MOA	Bright Red	CR2032	Unlimited	1x	2.5"	5.3 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.





RAZOR[®]

MICRO RED DOT



ULTRA-WIDE FIELD OF VIEW

TOP ILLUMINATION CONTROL

SIDE-LOAD BATTERY COMPARTMENT

EDGE OUT THE COMPETITION.

An open-top reflex sight built for top-tier performance and incredible versatility, the Razor[®] belongs on your go-to guns. Whether it's a competition rifle or your everyday carry, the large, clear, and crisp window provides edge-to-edge sharpness with a wide field of view protected by a thick, durable, aluminum housing. Choose a 3 MOA dot for finer rifle work or go 6 MOA for rapid acquisition on a handgun or shotgun. A side-load battery tray makes for quick battery changes without removing the sight. Rugged and durable, the Razor[®] comes in at 1.3 ounces (2.3 ounces with its included, low Picatinny mount).



The daylight bright red dot is easy to see and paints targets regardless of lighting conditions or background.

SPECS

SKU	DOT SIZE	DOT COLOR	BATTERY TYPE	EYE RELIEF	MAGNIFICATION	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
RZR-2001	3 MOA	Bright Red	CR2032	Unlimited	1x	1.8"	2.3 oz.
RZR-2003	6 MOA	Bright Red	CR2032	Unlimited	1x	1.8"	2.3 oz.

FEATURES

- ▶ XR™ LENS COATINGS
- ▶ ARMORTEK®
- ▶ WATERPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.



RED DOTS

RAZOR® & VIPER® & VENOM®

VORTEXOPTICS.COM

VIPER[®]

MICRO RED DOT



ULTRA-LOW
MOUNTING HEIGHT

TARGET ACQUIRED.

Red dots for sidearms better be low-profile and tough. Viper[®] fits the bill, and its low mounting height is perfect for handguns with cutout slides. The simplicity and speed of a red dot while co-witnessing with suppressor-height iron sights means you're always ready.

SPECS

SKU	DOT SIZE	DOT COLOR	BATTERY TYPE	EYE RELIEF	MAGNIFICATION	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
VRD-6	6 MOA	Bright Red	CR2032	Unlimited	1x	1.8"	2.0 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ ARMORTEK[®]
- ▶ WATERPROOF
- ▶ SHOCKPROOF



VIPER

VENOM[®]

MICRO RED DOT



PREMIUM WIDE
FIELD OF VIEW

TOP-LOAD
BATTERY COMPARTMENT

BUILT FOR YOUR MOMENTS OF TRUTH.

Get fast target acquisition and a sleek form factor that won't snag. The Venom's[®] low-profile housing surrounds a large viewing window with next-to-no obstruction for rapid shooting transitions.

SPECS

SKU	DOT SIZE	DOT COLOR	BATTERY TYPE	EYE RELIEF	MAGNIFICATION	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
VMD-3103	3 MOA	Bright Red	CR1632	Unlimited	1x	1.9"	1.7 oz.
VMD-3106	6 MOA	Bright Red	CR1632	Unlimited	1x	1.9"	1.7 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ ARMORTEK[®]
- ▶ WATERPROOF
- ▶ SHOCKPROOF



VENOM



SPITFIRE™ HD GEN II

PRISM SCOPE



NEW

NIGHT-VISION COMPATIBILITY



MRDS MOUNT



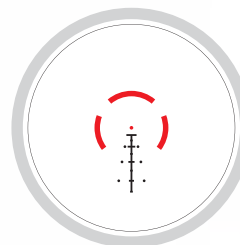
MULTI-HEIGHT MOUNT

BUILT SMALL TO GO BIG.

Leaner, meaner, and featuring a redesigned HD optical system for a significantly smaller, lighter tactical solution, the new Spitfire™ HD Gen II 3x and 5x models let you choose your ideal mounting height while cutting inches and ounces off the original platform. Now with night vision compatibility, it's a shooter's dream come true, running on a BDC-style reticle designed to subtend with most popular 5.56 cartridges for quick holdovers at known distances to keep you locked on target. Plus, the prism design and etched reticle give you ultra-fast target while still functioning without illumination, and the turrets are exposed — no more caps, no more snags. Admit it. You're already picturing one on your go-to.

AR-BDC4 MOA RETICLE

A BDC reticle built to get the most out of the 5.56 cartridge in your AR, this reticle provides both rapid target acquisition and the tools for holdovers out to 650 yards.



Note – Prism scopes are not compatible with magnifiers.

SPECS

SKU	MAGNIFICATION	RETICLE	RETICLE COLOR	LINEAR FIELD OF VIEW (@ 100 YARDS)	EYE RELIEF	BATTERY TYPE	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
SPR-500	5x	AR-BDC4 MOA	Red	23.3'	2.7"	CR2032	3.6"	10.8 oz.
SPR-300	3x	AR-BDC4 MOA	Red	37.9'	2.6"	CR2032	3.0"	9.3 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.

RED DOTS

SPITFIRE™ HD GEN II & SPITFIRE™ AR

VORTEXOPTICS.COM

SPITFIRE™ AR

PRISM SCOPE



DOOR KICKING, DOWN RANGE BANG MACHINE.

When all else fails, the Spitfire™ AR won't. The glass-etched DRT (Dual Ring Tactical) reticle can be used with or without the red/green illumination like a traditional riflescope, and makes target and reticle acquisition in close-quarters a snap. Unique to the Spitfire™ AR, an included 5.56 BDC turret allows shooters to dial popular AR-15 configurations to 700 yards — perfect for limited division 3-Gun competitors or shooters who want to engage targets at all ranges. Plus, it's the perfect solution if you need a 1x optic designed for close-quarters but common astigmatism renders other red dots unusable.



DRT MOA RETICLE

The DRT (Dual Ring Tactical) reticle is designed for rapid shooting at close distances. The dual ring design pulls the eye into instant alignment with the reticle center and target.

Note – Prism scopes are not compatible with magnifiers.

SPECS

SKU	MAGNIFICATION	RETICLE	RETICLE COLOR	LINEAR FIELD OF VIEW (@ 100 YARDS)	EYE RELIEF	BATTERY TYPE	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
SPR-200	1x	DRT MOA	Red/Green	79'	3.8"	AAA	4.5"	11.2 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4. For detailed reticle information, see pages 122-126 or visit our website.





RED DOT

ACCESSORIES

VORTEXOPTICS.COM



RED DOT ACCESSORIES



MICRO3X

MAGNIFIER
V3XM

MAG ON. MAG OFF.

Next level 3X magnification versatility when you need it for your red dot or holographic sight in an ultra-compact, lightweight, and optically crisp package. Integrated quick-release allows fast attach/detach while a patented cam-lock design engages/disengages magnifier with direct pressure. Adjustable flip mount allows for right or left-handed use.

The Micro3X Magnifier will work with any of our red dots. Any existing parallax in the optic will also be magnified.

The Micro3X will not work with prism scopes.



VMX-3T

MAGNIFIER
VMX-3T

MAKE LIGHT WORK OF LONG-RANGE.

Extend your reach with the simple, push-button design of the VMX-3T. One button engages and disengages the flip-mount, allowing the magnifier to lock in place. The result? 3x magnified or unmagnified views at will. Optics are fully multi-coated for optimal light transmission. Lightweight and tough, the anodized, machined-aluminum construction ensures durability. Internally nitrogen purged for reliable waterproof and fogproof performance. Ultimate magnified versatility for virtually any AR-height red dot.

The VMX-3T Magnifier will work with any of our red dots. Any existing parallax in the optic will also be magnified.

The VMX-3T Magnifier will not work with prism scopes.



SPORT CANTILEVER RED DOT RING

30mm Ring Lower 1/3 Co-Witness CM-304
30mm Ring Absolute Co-Witness CM-305



MOUNT RISER-QR

RDMQ



AR15 RISER MOUNT (FOR RAZOR® RED DOT)

MT-5108



TACTICAL 30MM RING

30mm Low TRL / Medium TRM / High TRH
Extra-High Lower 1/3 TRXH / Extra-High Absolute TRXHAC



45 DEGREE MOUNT

45RDM



RAZOR® RT45 OFFSET MOUNT

MT-5109



CR2032 BATTERY HOLDER

BH-2032



VORTEX NATION™ PODCAST

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VORTEX NATION PODCAST



TM



VORTEX NATION™ PODCAST

With over 150 full-length episodes and more than 100 “10 Minute Talks,” the Vortex Nation™ Podcast is your go-to source for all things hunting, shooting, precision long-range, cartridge history, wild game cooking, and well — pretty much anything else! People are always saying listen to the data, so we crunched the numbers, selecting nine standout listener favorites we hope you enjoy. We're always searching for the next great topic and love listener feedback and requests — so make sure to follow, subscribe, and comment. Happy hunting and shooting, Vortex Nation™!

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- Ep. 36: Ultra-Light Hunting – How Light Can You Go?
- Ep. 133: Remi Warren and Ryan Lampers – Early Archery Mule Deer

SHOOTING



- Ep. 6: Long-Range 1001 – The Foundation
- Ep. 120: All Things Rimfire and Long-Range .22's!
- Ep. 57: Long-Range 1003 – We Got the F-Class Guys

OPTICS



- Ep. 138: Riflelescope Diopters
- Ep. 84: Binoculars: Everything You Ever Wanted to Know
- Ep. 42: From Scratch – Making a Riflelescope: The AMG® Story

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RANGEFINDERERS



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VORTEX

RAZOR[®] HD 4000

RANGEFINDER



GO THE DISTANCE. THEN RANGE IT.

When “as far as the eye can see” isn’t good enough, you need the Razor[®] HD 4000. The definition of what a high-end, long-range laser rangefinder should be, the Razor[®] HD 4000 delivers cutting-edge optical and ranging performance, giving hunters and shooters the data needed to execute even the most demanding shots. This extremely effective, angle-compensated rangefinder features four targeting modes and two ranging modes to cover any environment. Impressive 4,000 yard reflective ranging capability (ELR mode) reaches way out for extreme precision. A utility clip keeps these compact units close at hand, and each model is easily mounted to any 1/4"-20 tripod plate when you need a rock-steady base.



RANGING MODES

HORIZONTAL COMPONENT DISTANCE (HCD)

Angle compensated distance to target.

LINE OF SIGHT (LOS)

Actual line of sight range.

SCAN

Displays continuous distance readings when panning.

TARGET MODES

EXTENDED LASER RANGE (ELR)

Displays precise returned range.

FIRST MODE

Locks on closest returned range.

LAST MODE

Locks on furthest returned range.

NORMAL MODE

Displays the strongest returned range.

SPECS

SKU	MAG	OBJECTIVE LENS DIAMETER	MAX. REFLECTIVE RANGE (UP TO)	TREE RANGE (UP TO)	DEER RANGE (UP TO)	MIN. RANGE	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	EYE RELIEF	LENGTH	HEIGHT	WIDTH	WEIGHT
LRF-250	7x	25mm	4000 yds.	2500 yds.	2200 yds.	5 yds.	341'	6.5°	19mm	4.3"	3.1"	1.7"	9.9 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ WATERPROOF
- ▶ XR™ PLUS LENS COATINGS
- ▶ SHOCKPROOF
- ▶ DIELECTRIC PRISM COATINGS
- ▶ TRIPOD ADAPTABLE
- ▶ ARMORTEK®
- ▶ RUBBER ARMOR

For a description of each feature, see page 4.





RANGER® 1800

RANGEFINDER



RANGE IN YARDS OR METERS

BRIGHT RED OLED DISPLAY

UTILITY CLIP

RANGEFINDERS

RANGER® 1800 & IMPACT® 1000

HOME ON THE RANGE.

Besides being easy to use, the Ranger® bucks the trend of overly complicated electronics that end up being useless in the field. The built-in angle compensation is popular with treestand hunters looking to get exact horizontal distance to a deer, and long-range shooters who need to calculate complex ballistic solutions using precise data. An illuminated display keeps you ranging at first and last light, and a utility clip keeps these compact units close at hand. The Ranger® is easily mounted to any 1/4"-20 tripod plate when you need a rock-steady base.



RANGING MODES

HORIZONTAL COMPONENT DISTANCE (HCD)

Angle compensated distance to target.

LINE OF SIGHT (LOS)

Actual line of sight range.

SCAN

Displays continuous distance readings when panning.

SPECS

SKU	MAG	OBJECTIVE LENS DIAMETER	MAX. REFLECTIVE RANGE (UP TO)	TREE RANGE (UP TO)	DEER RANGE (UP TO)	MIN. RANGE	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	EYE RELIEF	LENGTH	HEIGHT	WIDTH	WEIGHT
RRF-181	6x	22mm	1800 yds.	1000 yds.	900 yds.	10 yds.	315'	6.0°	17mm	3.9"	3.0"	1.6"	7.7 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ RUBBER ARMOR
- ▶ WATERPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.





IMPACT[®] 1000

RANGEFINDER



RANGE IN YARDS
OR METERS

INTUITIVE BLACK
LCD DISPLAY

SPOT. RANGE. SHOOT... IMPACT.

Simply put, the Impact[®] rangefinder's combination of excellent, reliable performance at a super-economical price means you no longer have an excuse to head out without a laser rangefinder. This lightweight, no-frills rangefinder features angle compensation for treestand hunters and casual range goers wanting precise, horizontal distance to the target. And with a max reflective distance of 1000 yards, you'll have all the reach you need.



RANGING MODES

HORIZONTAL COMPONENT DISTANCE (HCD)

Angle compensated distance to target.

LINE OF SIGHT (LOS)

Actual line of sight range.

SCAN

Displays continuous distance readings when panning.

SPECS

SKU	MAG	OBJECTIVE LENS DIAMETER	MAX. REFLECTIVE RANGE (UP TO)	TREE RANGE (UP TO)	DEER RANGE (UP TO)	MIN. RANGE	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	EYE RELIEF	LENGTH	HEIGHT	WIDTH	WEIGHT
LRF101	6x	20mm	1000 yds.	800 yds.	500 yds.	5 yds.	341'	6.5°	15mm	3.8"	3.0"	1.4"	5.5 oz.

FEATURES

- ▶ FULLY MULTI-COATED LENSES
- ▶ WATERPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.





MONOCULARS





MONOCULARS



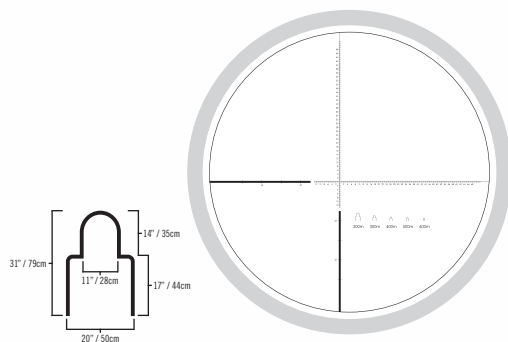
RECCE PRO[®] HD

MONOCULAR



THE PERFECT SIDEKICK.

Carry precision and speed at your fingertips with the RECCE Pro[®]. HD glass, an MRAD milling reticle, and a compact form factor make it the perfect solution for shooters who need to spot and call shots from the bench, or in the line of duty. An integrated carry clip provides quick external access on webbing or flat-edged surfaces. Weighing in at 10.5 ounces, it's ready to handle any environment with fully waterproof and fogproof construction.



R/T RANGING RETICLE

Uses MRAD-based subtensions and includes silhouettes for quick ranging. The angular measurements allow you to calculate ranges when comparing the reticle to objects of known dimension.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	LENGTH	WEIGHT
RP-100	8x32	400'	7.6°	5.0'	14.5mm	6.0"	10.5 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ LENS COATINGS
- ▶ ARMORTEK®
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.



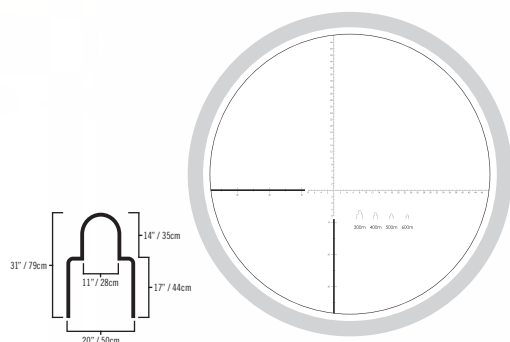
RECON[®] R/T

MONOCULAR



POCKET SIZED SPOTTING SCOPE.

The Recon[®] R/T is an advanced tactical monocular unlike any other in the field: It's the first truly compact, full-featured monocular in the Vortex[®] line developed specially for field surveillance and range estimation with MRAD-based subtensions and secondary quick ranging silhouettes. The versatile attachment clip secures the Recon[®] R/T to any belt or strap, so it's ready at a moment's notice.



R/T RANGING RETICLE

Uses MRAD-based subtensions and includes silhouettes for quick ranging. The angular measurements allow you to calculate ranges when comparing the reticle to objects of known dimension.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	LENGTH	WEIGHT
RT155	15x50	215'	4.1°	12.0'	16.0mm	8.0"	15.2 oz.

FEATURES

- ▶ XD™ OPTICAL SYSTEM
- ▶ XR™ LENS COATINGS
- ▶ ARMORTEK®
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ PHASE CORRECTION
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.





SOLO[®] R/T

MONOCULAR

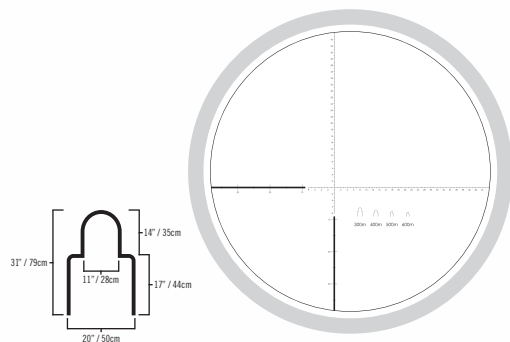


MONOCULARS

SOLO[®] R/T & SOLO[®]

FIND YOUR TARGET. FIND YOUR CALLING.

The incredibly light form factor of our Solo[®] monocular with a tactical twist, the Solo[®] R/T monocular features an MRAD-based ranging reticle for accurate range estimation and shot calls. The powerful optical system delivers bright images in a compact, lightweight, and easy-to-handle unit that's both waterproof and fogproof. With an integrated utility clip, it attaches to webbing or other flat-edged surfaces for quick access.



R/T RANGING RETICLE

Uses MRAD-based subtensions and includes silhouettes for quick ranging. The angular measurements allow you to calculate ranges when comparing the reticle to objects of known dimension.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	LENGTH	WEIGHT
SOL-3608-RT	8x36	393'	7.5°	16.4'	18.0mm	5.4"	10.7 oz.

FEATURES

- ▶ SD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ RUBBER ARMOR
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.



SOLO[®]

MONOCULAR



GO SOLO.

The Solo[®] monocular delivers quality viewing for outdoor enthusiasts looking to bring nature closer with an optic that won't weigh them down. With models weighing between 5.6 ounces and 9.7 ounces, this monocular is ultra-compact, and features an integral utility clip to keep it close at hand. From bow hunters to backpackers, the Solo[®] makes a great addition to any gear list.

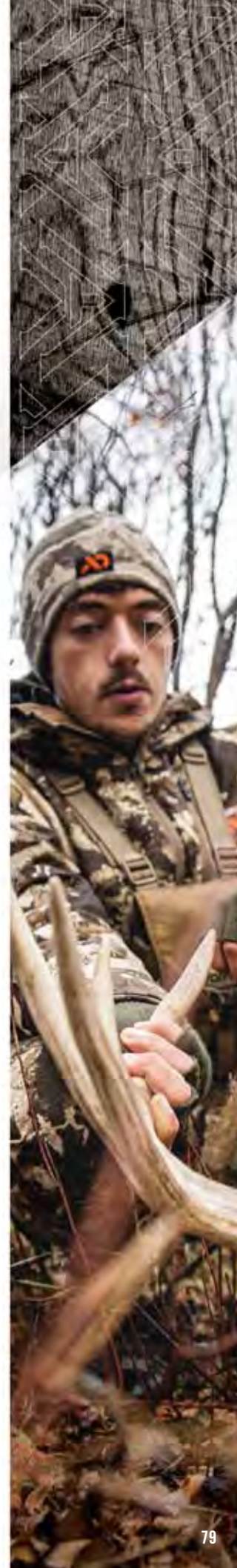
SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	LENGTH	WEIGHT
S136	10x36	325'	6.2°	16.4'	15.0mm	4.9"	9.1 oz.
S836	8x36	393'	7.5°	16.4'	18.0mm	4.9"	9.7 oz.
S105	10x25	315'	6.0°	16.4'	14.5mm	4.4"	5.6 oz.
S825	8x25	378'	7.2°	16.4'	15.0mm	4.4"	5.6 oz.

FEATURES

- ▶ SD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ RUBBER ARMOR
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.

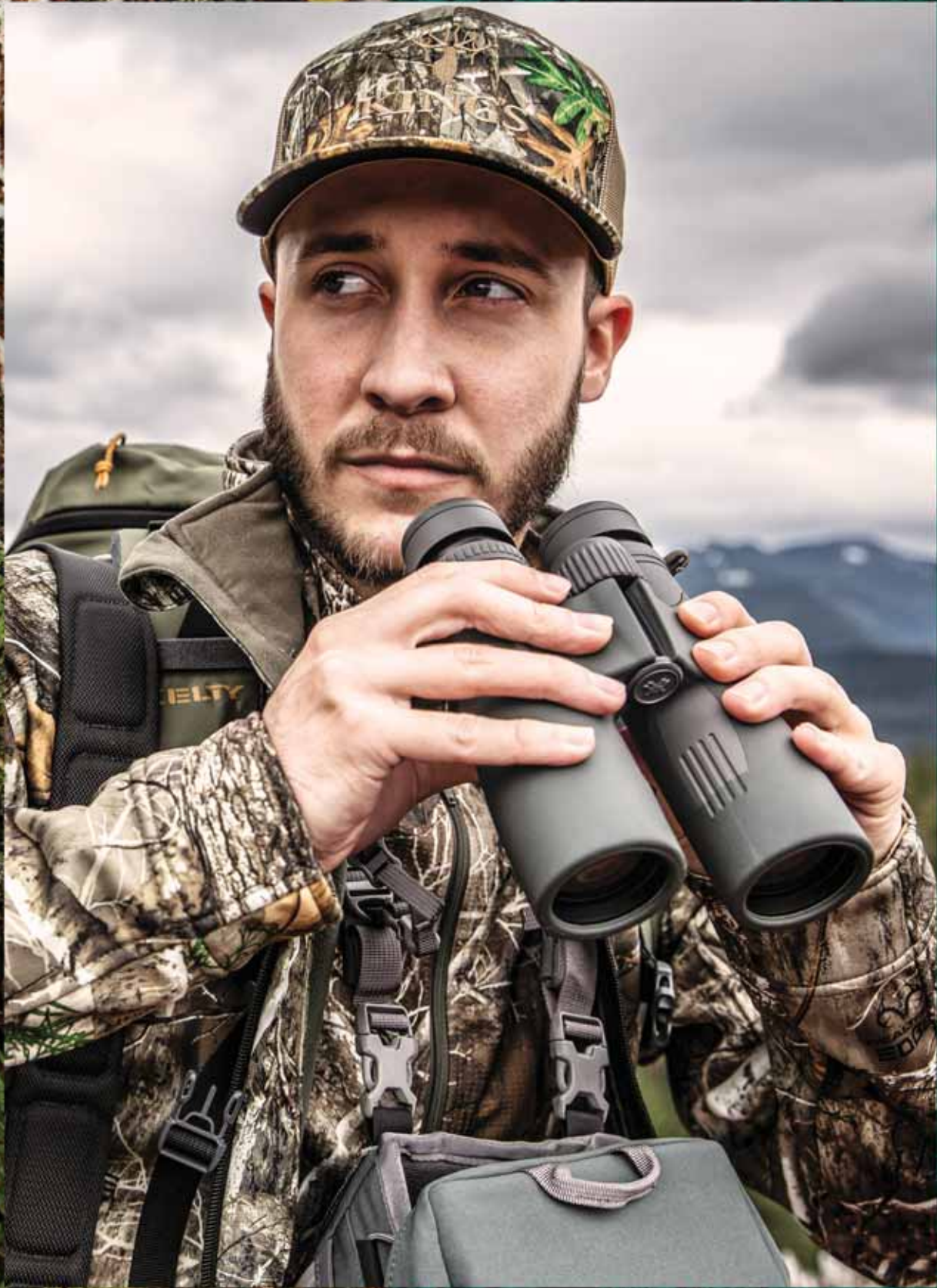




BINOCULARS



VORTEXOPTICS.COM



BINOCULARS



BINOCULARS

RAZOR® UHD



VORTEX

VORTEXOPTICS.COM

RAZOR[®] UHD

FULL-SIZE ABBE-KOENIG PRISM BINOCULARS



**BINO PACK
INCLUDED**

A NEW ERA OF OBSERVATION.

When it comes to serious glassing, the details are what matters most, and with the Razor[®] UHD you won't miss a thing. Built lens-to-lens for those who demand the best in each component, the Razor[®] UHD provides exceptional optical quality and color fidelity. An optical system built around an Abbe-Koenig prism means better light transmission, while advanced lens coatings conquer low-light situations. The larger prism provides better image resolution whether looking near or far. See more with the Razor[®] UHD.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	HEIGHT	WIDTH	WEIGHT
RZB-3104	18x56	194'	3.7°	10.0'	18.0mm	56mm - 76mm	8.3"	6.1"	41.6 oz.
RZB-3103	12x50	288'	5.5°	6.6'	17.0mm	56mm - 76mm	7.6"	5.8"	36.1 oz.
RZB-3102	10x42	346'	6.6°	4.5'	16.7mm	56mm - 76mm	7.0"	5.6"	32.2 oz.
RZB-3101	8x42	420'	8.0°	4.5'	16.7mm	56mm - 76mm	7.0"	5.6"	32.2 oz.

FEATURES

- ▶ UHD OPTICAL SYSTEM
- ▶ XR™ PLUS LENS COATINGS
- ▶ PLASMA TECH
- ▶ PHASE CORRECTION
- ▶ APOCHROMATIC
- ▶ ARMORTEK[®]
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.

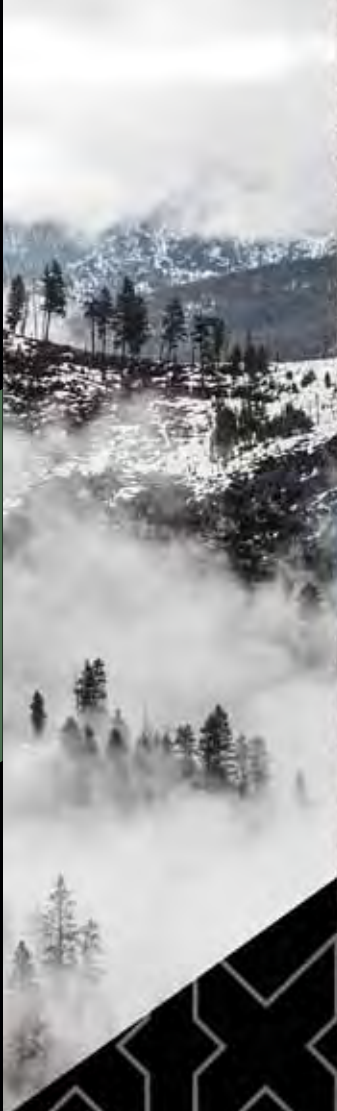




BINOCULARS

RAZOR® HD

VORTEXOPTICS.COM



VORTEX

RAZOR[®] HD

FULL-SIZE ROOF PRISM BINOCULARS



GLASSPAK™
INCLUDED

YOUR HIDE-AND-SEEK CHEAT CODE.

Small, light, bright, and strong, with all the magnification ranges you need to work wild places coast to coast. Incredibly clear HD glass, and a rock-solid build that won't weigh you down, make this the perfect bino to trust on a day hike, and the hunt of a lifetime.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	HEIGHT	WIDTH	WEIGHT
RZB-2104	12x50	285'	5.4°	10.0'	15.5mm	57mm - 74mm	6.8"	5.1"	28.7 oz.
RZB-2103	10x50	315'	6.0°	10.0'	16.5mm	57mm - 74mm	6.8"	5.1"	28.1 oz.
RZB-2102	10x42	362'	6.9°	6.0'	16.5mm	55mm - 75mm	5.9"	5.1"	24.8 oz.
RZB-2101	8x42	388'	7.4°	6.0'	17.5mm	55mm - 75mm	5.9"	5.1"	24.2 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ PLUS LENS COATINGS
- ▶ DIELECTRIC PRISM COATINGS
- ▶ PLASMA TECH
- ▶ PHASE CORRECTION
- ▶ APOCHROMATIC
- ▶ ARMORTEK®
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.





BINOCULARS

KAIBAB® HD



VORTEX

VORTEXOPTICS.COM

KAIBAB[®] HD

FULL-SIZE ROOF PRISM BINOCULARS



THE POWER TO MOVE MOUNTAINS.

The key ingredients for a successful big-game stalk? Patience, perseverance, and the kind of optical reach you'll find in the Kaibab[®] HD. The superior viewing experience of binoculars, but with the power you need for long-distance glassing, the Kaibab[®] HD delivers the premium, high-magnification optical performance it takes to give your dream hunt a happy ending. Heads up: These high performing, high power binoculars are intended to be used with a tripod for extended, comfortable, steady viewing.

Note – Recommended for use with a tripod. Tripod adapter included.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	HEIGHT	WIDTH	WEIGHT
KAI-5618	18x56	194'	3.7°	19.8'	16.4mm	60mm - 76mm	7.7"	5.7"	43.5 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ LENS PLUS COATINGS
- ▶ DIELECTRIC PRISM COATINGS
- ▶ PLASMA TECH
- ▶ PHASE CORRECTION
- ▶ APOCHROMATIC
- ▶ ARMORTEK®
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.





BINOCULARS

VIPER® HD

VORTEX

VORTEXOPTICS.COM



VIPER[®] HD

FULL-SIZE ROOF PRISM BINOCULARS



GLASSPAK™
INCLUDED

BUILT TO CARRY WHERE OTHERS FEAR TO TREAD.

Viper[®] HD binoculars are an optical masterpiece, giving hunters, shooters, and outdoor enthusiasts a premium option without the premium price tag. The HD optical system delivers stunning resolution, brilliant color fidelity, and edge-to-edge clarity. These are one of the lightest, most compact, full-size binos on the market—no small thing on hunts and excursions where every ounce matters. Reach for the Viper[®] HD when you need to pack light without sacrificing performance.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	HEIGHT	WIDTH	WEIGHT
V203	12x50	288'	5.5°	8.0'	16.0mm	59mm - 75mm	6.5"	5.2"	28.8 oz.
V202	10x50	346'	6.6°	8.0'	16.0mm	59mm - 75mm	6.5"	5.2"	28.4 oz.
V201	10x42	341'	6.5°	6.0'	17.0mm	55mm - 74mm	5.6"	4.9"	24.9 oz.
V200	8x42	409'	7.8°	6.0'	18.0mm	55mm - 74mm	5.6"	4.9"	24.5 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ LENS COATINGS
- ▶ DIELECTRIC PRISM COATINGS
- ▶ PHASE CORRECTION
- ▶ ARMORTEK[®]
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.





DIAMONDBACK® HD

FULL / MID / COMPACT-SIZE ROOF PRISM BINOCULARS



GLASSPAK™
INCLUDED
(SELECT MODELS ONLY)

EXPERIENCE LOVE AT FIRST LIGHT.

Take a binocular that broke all the rules about performance at its price point. Add an HD optical system to give it even more clarity. The result? The Diamondback® HD, an astoundingly efficient and high-performing bino with enhanced, dielectric, fully multi-coated lenses serving up impressive low-light performance — critical when glassing and evaluating game. Plus, we're now including the GlassPak™ binocular harness so your binos are always at the ready.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	HEIGHT	WIDTH	WEIGHT
DB-218	15x56	230'	4.4°	14.0'	15.6mm	59mm - 76mm	7.1"	5.8"	34.8 oz.
DB-217	12x50	271'	5.2°	6.0'	14.0mm	60mm - 75mm	6.4"	5.3"	28.9 oz.
DB-216	10x50	315'	6.0°	6.0'	17.0mm	60mm - 75mm	6.6"	5.3"	30.0 oz.
DB-215	10x42	330'	6.3°	5.0'	15.0mm	55mm - 73mm	5.7"	5.1"	21.3 oz.
DB-214	8x42	393'	7.5°	5.0'	17.0mm	55mm - 73mm	5.7"	5.1"	21.8 oz.
DB-213	10x32	340'	6.5°	6.0'	14.0mm	57mm - 73mm	4.4"	5.0"	16.0 oz.
DB-212	8x32	426'	8.1°	5.0'	16.0mm	55mm - 72mm	4.4"	5.0"	15.9 oz.
DB-211	10x28	273'	5.1°	6.0'	16.0mm	57mm - 73mm	4.6"	4.5"	13.3 oz.
DB-210	8x28	332'	6.2°	6.0'	18.0mm	55mm - 72mm	4.6"	4.5"	13.7 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ DIELECTRIC PRISM COATINGS
- ▶ PHASE CORRECTION
- ▶ ARMORTEK®
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.

BINOCULARS

DIAMONDBACK® HD & CROSSFIRE® HD

VORTEXOPTICS.COM



CROSSFIRE® HD

FULL-SIZE ROOF PRISM BINOCULARS



GLASSPAK™
INCLUDED

MORE COLOR. MORE FIDELITY. MORE FILLED TAGS.

The best value in optics is now even better with the introduction of the Crossfire® HD. Not only do you get all new, optimized glass elements and coatings, we're also including the GlassPak™ binocular harness to make the Crossfire® HD as much a pleasure to carry as it is to use. More fidelity, and more extras, than ever before make Crossfire® HD a must have.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	HEIGHT	WIDTH	WEIGHT
CF-4314	12x50	273'	5.2°	6.0'	15.0mm	60mm - 76mm	6.6"	5.3"	29.5 oz.
CF-4313	10x50	320'	6.1°	6.0'	17.0mm	60mm - 76mm	6.7"	5.3"	30.4 oz.
CF-4312	10x42	325'	6.2°	6.0'	15.0mm	58mm - 75mm	6.0"	5.2"	23.0 oz.
CF-4311	8x42	393'	7.5°	6.0'	17.0mm	58mm - 75mm	6.2"	5.2"	23.8 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ RUBBER ARMOR
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.





NEW

BINOCULARS

FURRY® HD 5000 AB

VORTEXOPTICS.COM



FURY[®] HD 5000 AB

LASER RANGEFINDING BINOCULARS



ON-BOARD ENVIRONMENTAL SENSORS

TWO WIND MODES
MANUALLY ENTER
SPEED AND DIRECTION



IN DISPLAY WIND/DROP SOLUTIONS



CUSTOMIZE BALLISTIC PROFILES WITH FURY HD APP



Pair with Kestrel[®]
*SOLD SEPARATELY

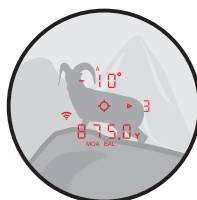
GLASSPAK[™]
INCLUDED

ELIMINATE THE UNKNOWN.

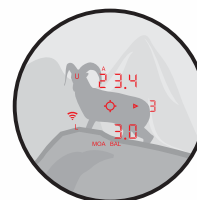
Carrying your binos and rangefinder in one package is smart. The next generation Fury[®] HD 5000 AB is smarter. This rangefinding binocular takes the guess work out of dialing long-range shots with in-display ballistic data and built-in environmental sensors, which means less time calculating ballistics and more time putting rounds down range. With the Applied Ballistics[®] Elite solver built right in, you can pair with the Fury HD App to create custom ballistic profiles, and with popular Kestrel[®] and Applied Ballistics[®] Garmin[®] devices for ultimate, real-time precision. Put simply, it's the smartest way to shoot.



PAIR
with Fury HD App for ballistic profiles



range
reflective targets up to 5000 yards



dial
with calculated wind/drop solution

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	MAX. REFLECTIVE RANGE (UP TO)	TREE RANGE (UP TO)	DEER RANGE (UP TO)	MIN. RANGE	HEIGHT	WIDTH	WEIGHT
LRF302	10x42	321'	6.1°	18.5'	16.0mm	58mm - 72mm	5000 yds.	2400 yds.	1600 yds.	5 yds.	5.8"	5.0"	32.4 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR[™] LENS COATINGS
- ▶ DIELECTRIC PRISM COATINGS
- ▶ PHASE CORRECTION
- ▶ ARMORTEK[®]
- ▶ RUBBER ARMOR
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.





BINOCULARS

FURY® HD 5000



VORTEX

VORTEXOPTICS.COM

FURY[®] HD 5000

LASER RANGEFINDING BINOCULARS



BRIGHT RED
OLED DISPLAY

RANGE IN YARDS
OR METERS



GLASSPAK[™]
INCLUDED

SIMPLIFY. MAGNIFY.

One trip into the backcountry with a heavy pack and you realize the less you have to carry, the better. The Fury[®] HD 5000 rangefinding binoculars combine two of the most important pieces of hunting gear into one powerful, long-ranging unit, making glassing and ranging ultra-fast and efficient. Right-side button controls make one-handed manipulation of both functions quick and easy, cutting down on set up time in the field.



RANGING MODES

HORIZONTAL COMPONENT DISTANCE (HCD)

Angle compensated distance to target.

LINE OF SIGHT (LOS)

Actual line of sight range.

SCAN

Displays continuous distance readings when panning.

TARGET MODES

BEST MODE

Displays strongest returned range.

LAST MODE

Displays furthest returned range.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	MAX. REFLECTIVE RANGE (UP TO)	TREE RANGE (UP TO)	DEER RANGE (UP TO)	MIN. RANGE	HEIGHT	WIDTH	WEIGHT
LRF301	10x42	321'	6.1°	18.5'	16.0mm	58mm - 72mm	5000 yds.	2400 yds.	1600 yds.	5 yds.	5.8"	5.0"	32.3 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ RUBBER ARMOR
- ▶ TRIPOD ADAPTABLE
- ▶ XR[™] LENS COATINGS
- ▶ NITROGEN GAS PURGED
- ▶ DIELECTRIC PRISM COATINGS
- ▶ WATERPROOF
- ▶ PHASE CORRECTION
- ▶ FOGPROOF
- ▶ ARMORTEK[®]
- ▶ SHOCKPROOF

For a description of each feature, see page 4.





RAPTOR™

MID-SIZE PORRO PRISM BINOCULARS



BINOCULARS

RAPTOR™ & VANQUISH®

RECONNECT WITH YOUR WILD SIDE.

A classic look, updated with high-quality glass, makes for one fantastic, affordable optic. Porro prism performance in a mid-size, wide-angle design, Raptor™ binoculars offer bright, crisp images with excellent color fidelity, even in low-light conditions. Plus, the design accommodates a wide range of interpupillary distances to fit everyone in the family.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	HEIGHT	WIDTH	WEIGHT
R310	10x32	339'	6.3°	15.0'	13.0mm	50mm - 70mm	5.1"	6.2"	19.0 oz.
R385	8.5x32	390'	7.4°	15.0'	14.0mm	50mm - 70mm	5.0"	6.2"	18.7 oz.

FEATURES

- ▶ SD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ RUBBER ARMOR
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.



VANQUISH[®]

COMPACT REVERSE PORRO PRISM BINOCULARS



SMALL WONDER.

The Vanquish[®] is proof positive you can pack an awful lot of innovation into a small package. The reverse porro prism design uses high quality glass and fully multi-coated optics to render crisp, bright images with a wide field of view that makes quick work of scanning any landscape. Weighing in at just 12.7 ounces and affordably priced, this compact performer will earn a place in your pack.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	HEIGHT	WIDTH	WEIGHT
VNQ-1026	10x26	294'	5.6°	7.6'	16.0mm	57mm - 71mm	4.3"	4.6"	12.7 oz.
VNQ-0826	8x26	352'	6.7°	7.6'	15.0mm	57mm - 71mm	4.3"	4.6"	12.7 oz.

FEATURES

- ▶ SD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ RUBBER ARMOR
- ▶ NITROGEN GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF

For a description of each feature, see page 4.





BINOCULARS

ACCESSORIES



VORTEXOPTICS.COM

BINOCULAR ACCESSORIES



GLASSPAK™ BINOCULAR HARNESS

P400

Protecting your binos from the elements while keeping them close at hand is imperative in the field, and the Vortex® GlassPak™ binocular harness accommodates a range of full-size binoculars, keeping them snug and secure. The mesh side pockets hold calls, a lens pen, and other small items for quick access. Tethers attach to your binocular preventing accidental drops, and the rear zippered pocket holds larger items, such as a cell phone.



GUIDE BINOPACK

P300

Protect your binoculars, keep the lenses clean, and carry essential gear with the Guide BinoPack. An integrated bino leash prevents drops and lets you lower your binoculars with confidence. A generous, front zippered pouch with shell loops is perfect for larger items such as rangefinders, a knife, fire starters, and whatever else you need at your fingertips. The side pockets, zippered pocket on the rear face, and elastic sleeves on the top hold additional items.



BINOCULAR HARNESS

VTHARNESS

Say goodbye to neck strain and keep your binoculars still while you walk the trail. This comfortable strap keeps binos, rangefinders, and even cameras from jostling around as you move, leaving your hands free.



ARCHER'S BINOCULAR STRAP

ARCH

Comfort and simplicity, that's what you need to keep your binos close for when you need them, and out of the way when it's time to take your shot. The Archer's Binocular Strap is built to last, and to keep you comfortable, so you can focus on the hunt.



SPORT BINOCULAR APAPTER

TRA-BINDAP2

When you need stability and control, the Vortex® Sport Binocular Adapter is precision machined and fits any tripod-adaptable binocular. Its slim profile fits between the barrels of the largest high-powered binoculars, and a lift-off connector means the binocular can be removed for hand-held use without disconnecting the entire adapter.



PRO BINOCULAR ADAPTER

TRA-BINDAP

A two-part system that creates one seamless glassing experience, the Pro Binocular Adapter combines an incredibly sleek form factor with a fast, stable mount to keep you on the move. It installs quickly and it's simple to operate. Aluminum construction means lightweight durability, and 1/4"-20 thread compatibility means it fits seamlessly with tripod adaptable binoculars and plates.



2X DOUBLER

2X

Sometimes, every ounce counts, but you still need to reach farther than your binos alone allow. This handy tool is super lightweight and doubles the magnification of most 32mm or larger binoculars, and the Recon® monocular, to take in more details.

GLASS LIKE THE PROS

From eastern timber to western mountain peaks, midwestern swamps to southern desert foothills, we're lucky to live in a country where big game roams wild. But no matter where you hunt, before you can fill your tags, you've got to find your quarry first.

While some tactics work no matter where you are, to give yourself the best chance at filling your freezer, you need to adapt your tactics to the region, and the animal you're hunting. Read on to join four of today's best hunters as they stalk some of their favorite game.



GLASSING ELK WITH *BRAD BROOKS*

Elk are easily one of the best tasting animals in my freezer, which makes the difficulty of hunting and packing them out well worth the effort. I've hunted elk in the intermountain west in a variety of terrain and vegetation from early August to late December in everything from sagebrush covered flats, to dense canopy forests, to high-mountain, moderately open country. And while the tactics for hunting elk in each season and terrain type are unique, I use similar methods for finding bulls and getting in close.

- **Don't ignore wide-open country.** Elk are a plains species. They can spend all day in wide-open sagebrush country if they have food and water, and open country can make them feel safe since they can see all around. I've seen bulls at 10,000 ft. in late December on wind swept mountain sides, and herds of elk in low elevation sagebrush in 100° weather.
- **Use a tripod and glass slowly.** Elk are easier to see than other big game animals due to their size and color, which causes some people to move too quickly with their binoculars, assuming there was an elk, it would be obvious to see. But elk can blend in easily when they aren't in the wide open. Move slow, use a tripod, and look for antler tips, small patches of hide, or movement.
- **Glass the edge habitat.** Elk tend to come slowly out of bedding habitat and frequently stay close to the timber where they feel safe.

• **Glass the shadows.** In the heat of the day, even during archery season when it is hot out, I've found more elk than I can remember by continuing to glass when other people are napping or back at the truck. Find a high spot and glass from above on a tripod in a grid pattern. I've also found a lot of elk in the middle of the afternoon getting up for a quick bite, or to get water. If you're consistently out hunting and glassing during this time, you'll see elk.

To see more from Brad, including films that take you along on adventures into wild places, go to ► argalioutdoors.com



GLASSING SHEEP WITH *GREG MCHALE*

Sheep hunting is a test of all aspects of a hunter's capabilities, including glassing and animal judging, physical fitness, mental toughness, patience, determination, and shooting abilities. These challenges are faced at high elevations and often in steep and rugged country. Why do it? Because the greatest challenges offer the greatest rewards. Here are four glassing tips to help you fill your tag.

- **Use your map to plan each day.** Aim for locations offering expansive glassing opportunities (ridges and peaks) that allow you to cover an area with confidence and move on to new areas.
- **Check the high-value areas first.** Skylines, shoulders, and grass patches to start, but don't neglect rocky slopes, as rams can be found there also.
- **Get the right glass.** A 60x spotting scope with a smooth and steady tripod is going to be the key to selecting the right ram. Don't leave home without it!
- **The ability to cover ground quickly will open up more opportunities.** You can't find sheep if you're not moving when it's time. Use 10x binoculars to quickly glass close-up areas while standing and on the move. When it's time to sit down and pick the mountains apart, the 10x binoculars and the 60x scope will work in tandem to spot animals and to identify whether something is worthy of closer inspection.

To see more from Greg, including videos that take you to the peaks where the big rams roam, go to ► gregmchaleswildyukon.com



GLASSING WHITETAILS WITH *MARK KENYON*

Whitetail deer are the most pursued and beloved big game animal in North America, and for good reason. A mature whitetail buck is arguably the greatest survivor in the North American animal kingdom, navigating both wild and human predators, across terrain as diverse as the suburbs of New York City, the marshes of Michigan, and the mountains of Montana. They are the ultimate quarry for hunters looking for a true chess match.

Just as in chess, a good view of the playing field and an understanding of where your opponent might move next is of the utmost importance. In the deer hunting world this means glassing.

- **A few well-informed hunts are better than dozens of uneducated sits.** The key is to gain useable intel about local deer movement through long-distance observation. If you don't have a clear handle on what local deer are doing, find a vantage point away from the area you expect deer to be most active and let your glass do the scouting for you. Don't move in for the strike until you've seen exactly how deer are moving through a given area and have developed a plan with that knowledge in mind.
- **Mature bucks move the most at dawn and dusk.** Low-light visibility is of particular importance for whitetail optics. Make sure to choose binoculars or a spotting scope with the best low-light performance you can afford. First and last light movements are often the very most important to see.

- **Stabilize your glass.** Binocular tripods are most popular in the western world, but whitetail hunters would be wise to learn from their big game hunting brethren. If setting up for a long-distance scouting session, there's no easier-on-the-eyes option than binoculars, and a tripod makes that kind of glassing session an entirely more stable and clear proposition.

- **Add a phone adapter to your repertoire.** By attaching a phone to your spotting scope, you can record videos of exactly what you're observing, allowing you to review the footage later and better analyze the movements and deer you identified. A phone-screen view can also be easier on the eyes during long glassing sessions.

To see more from Mark, including stories and strategies to take your whitetail game to the next level, head to ► wiredtohunt.com



GLASSING MULE DEER WITH *REMI WARREN*

Mule Deer hunting is the ultimate spot and stalk game. They can be found scattered from down in the arid, high desert foothills to up in the highest elevation rocky alpine basins. There are plenty of places for them to hide high and low. I believe there is no greater challenge out west than hunting mature mule deer, but before you can even attempt to slip within range, you have to know how to find them.

- **Vantage up.** Finding a good spot means finding a good vantage. Being able to look over a lot of prime country from one spot makes you more effective. You can cover more country during the optimal hours this way. Big deer can be few and far between. The more ground you can glass, the more opportunity you have to turn up a buck.

- **Lock down.** Taking the shake out of your binoculars is a proven tactic to picking up more animals. Using a tripod is a great addition to your glassing set up. If you don't want to use a tripod, sit down with your back supported against your pack and get comfortable. Then, lock your elbows to your knees and hold the binoculars by pinching them between the bill of your hat and your hands.

- **Cover up.** Additional light hitting your eyes or optics can lead to a less clear picture through your binoculars or spotting scope. It is best to glass from the shade, but that is not always possible. Use your jacket to cover up and block the ambient light from hitting the back of your optics. You will be

surprised how much better you can see. This trick allows for better concentration while glassing and cuts down on any eye fatigue.

- **Break it down.** Start early in the morning by focusing on feeding areas with good browse. As the day progresses focus on bedding areas. Mature deer like to bed with the wind at their back, and the shade on the downhill side of cover. Focus on areas that match that description. In the evenings, refocus on feeding areas. If you are hunting during the rut, find the does, and the bucks will be nearby.

To see more from Remi, including images that guide you through the mountains and tips to take your skills higher, head to ► remiwarren.com



Kenny C. - Customer Service
1-800-4-VORTEX EXT. 2300

READY TO TALK RING TORQUE, CO-WITNESSING, AND THE PERFECT TEMPERATURE **FOR GRILLING BEAR.**

When you call Vortex® with questions about your optics, you're talking to people who share your passion for shooting and the outdoors. They're also pretty handy with a recipe.



**UNCONDITIONAL. UNLIMITED.
LIFETIME WARRANTY.**

Vortex® will repair or replace the product. Absolutely free—no matter the cause.

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



SPOTTING SCOPES

TRIPODS



VORTEXOPTICS.COM

SPOTTING SCOPES & TRIPODS

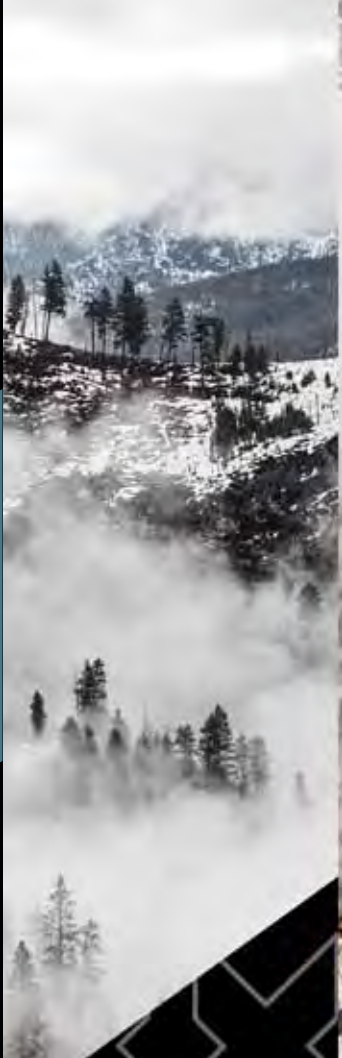




SPOTTING SCOPES

RAZOR® HD

VORTEXOPTICS.COM



VORTEX

RAZOR[®] HD

SPOTTING SCOPE



FIND YOUR PEAK.

One look through the eyepiece and you know: This is how a spotting scope should be. Setting the standard in high-end optical technologies, precision craftsmanship, and ultra-sleek functionality, the Razor[®] HD is one of the finest scopes on the market. 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 outdoor enthusiasts who need a premium spotter that performs at the highest level have found their match.

Note – Custom-fitted neoprene case included with 85mm and 65mm models. Padded case included with the 50mm models.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	EYEPiece POSITION	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	LENGTH	WEIGHT
RS-85A	27-60x85	Angled	117' - 68'	2.2° - 1.3°	16.4'	16.7mm - 17.0mm	15.5"	65.6 oz.
RS-85S		Straight					16.2"	
RS-65A	22-48x65	Angled	138' - 84'	2.7° - 1.6°	26.2'	16.7mm - 17.0mm	14.8"	56.8 oz.
RS-65S		Straight					15.6"	
RZR-50A1	11-33x50	Angled	191' - 96'	3.6° - 1.8°	6.6'	16.0mm - 19.0mm	10.3"	25.0 oz.
RZR-50S1		Straight					11.0"	

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ PLUS LENS COATINGS
- ▶ APOCHROMATIC
- ▶ DIELECTRIC PRISM COATINGS
- ▶ PLASMA TECH
- ▶ ARMORTEK®
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

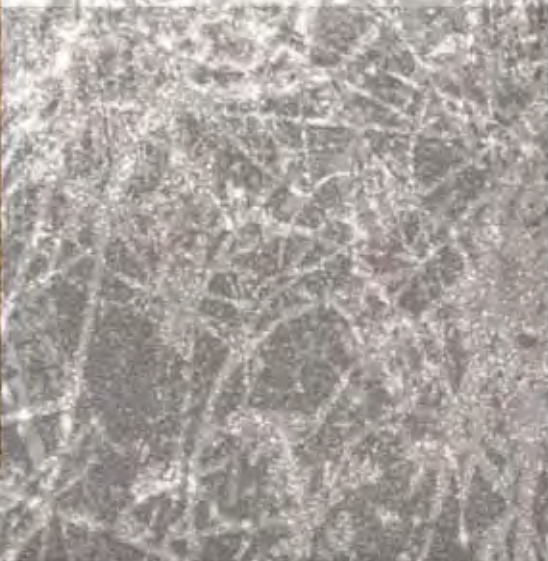
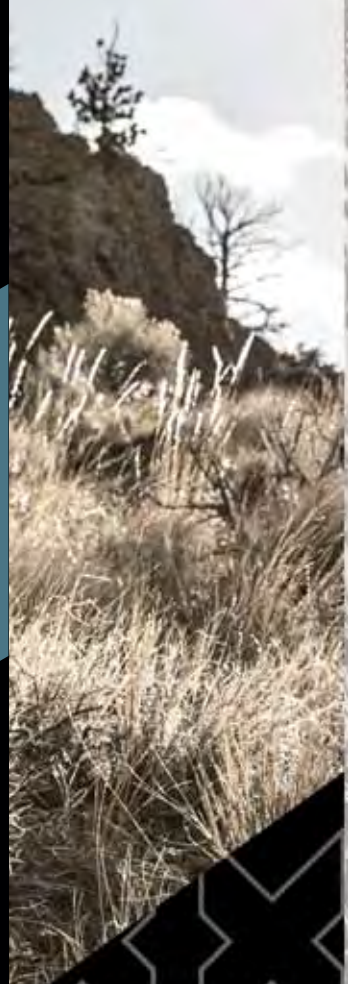
For a description of each feature, see page 4.





SPOTTING SCOPES

VIPER® HD



VORTEX

VORTEXOPTICS.COM

VIPER[®] HD

SPOTTING SCOPE



CROSS EVERYTHING OFF YOUR LIST.

We love a bit of reverse sticker shock, and the Viper[®] HD is a high-end spotter without the high-end price tag. It proves you no longer need to drop four figures to get premium performance and features, with an HD optical system bringing even the finest, most distant details in for a closer look. Built to withstand the harshest rain, snow, heat, or abuse you can dish out, the Viper[®] HD is a perfect fit whether you're in the hills or at the range.

Note – Custom-fitted neoprene case included.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	EYEPiece POSITION	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	LENGTH	WEIGHT
V502	20-60x85	Angled	101' - 50'	1.9° - 1.0°	36.0'	17.8mm - 19.6mm	17.5"	76.6 oz.
V503		Straight					18.0"	76.4 oz.
V500	15-45x65	Angled	137' - 68'	2.6° - 1.3°	23.0'	17.8mm - 19.6mm	14.0"	59.0 oz.
V501		Straight					14.6"	58.8 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ XR™ PLUS LENS COATINGS
- ▶ DIELECTRIC PRISM COATINGS
- ▶ ARMORTEK[®]
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.





SPOTTING SCOPES

DIAMONDBACK® HD



VORTEX



VORTEXOPTICS.COM

DIAMONDBACK® HD

SPOTTING SCOPE



BUILT-IN
SUNSHADE

ADJUSTABLE EYECUP

HELICAL FOCUS



ARCA-SWISS COMPATIBLE

EVOLUTION NEVER LOOKED SO GOOD.

Glassing out west demands an HD optic, but other systems can't get you the clarity you need to see a tail twitch in low light, or pick a tine out of dense cover. The redesigned Diamondback® HD spotting scopes have all the horsepower the long-distance hunter needs, and they excel in low light — right when you need it most. We've also streamlined the exterior for a sleeker, snag-free profile, building in a helical focus wheel. For the biggest hunt of your year, or your third time out this season, the all-new Diamondback® HD spotters deliver the power to focus on the thrill of your hunt.

Note – Custom-fitted neoprene case included.

SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	EYEPIECE POSITION	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	LENGTH	WEIGHT
DS-85A	20-60x85	Angled	108' - 60'	2.1° - 1.1°	24.6'	18.3mm - 20.3mm	16.0"	60.9 oz.
DS-85S		Straight					15.8"	61.3 oz.
DS-65A	16-48x65	Angled	138' - 72'	2.6° - 1.4°	16.4'	18.3mm - 20.3mm	14.3"	49.8 oz.
DS-65S		Straight					13.7"	50.4 oz.

FEATURES

- ▶ HD OPTICAL SYSTEM
- ▶ FULLY MULTI-COATED LENSES
- ▶ ARMORTEK®
- ▶ RUBBER ARMOR
- ▶ ARGON GAS PURGED
- ▶ WATERPROOF
- ▶ FOGPROOF
- ▶ SHOCKPROOF
- ▶ TRIPOD ADAPTABLE

For a description of each feature, see page 4.





RADIAN™ CARBON

CARBON FIBER TRIPOD + BALL HEAD OR LEVELING HEAD



NEW

LEVELING HEAD - 44 LBS. MAX LOAD

BALL HEAD - 55 LBS. MAX LOAD

Perfect for large binoculars, spotting scopes, and rifles.

CARBON FIBER LEG CONSTRUCTION

Perfect combination of strength and lightweight build.



BALL HEAD

Independent pan movement and tension control with integrated level. 45 degrees of tilt and notches for up to 90 degrees for all the travel you need.



LEVELING HEAD

Smooth, intuitive controls with rubberized, twist-to-lock/unlock handle. +/-15 degrees of leveling capability guarantee precise positioning.



THE ULTIMATE IN STABILITY, PRECISION, AND PERSPECTIVE.

There's no way something this precise should be this tough, but the Radian™ Carbon changes the rules when it comes to getting the utmost finesse out of a rock-solid platform. Fully carbon fiber legs and aluminum construction make for an extremely high strength-to-weight ratio, supporting heavy loads while keeping the Radian™ Carbon easy to pack. Along with great strength, you get great precision with an integrated level. Choose between a ball head or a leveling head so you can swap out all your long-range tools quickly with the features you need, including Arca-Swiss compatibility and quick release. Whether you're calling shots, or looking for a solid base for your rifle, the Radian™ Carbon makes sure you're ready.

SPECS

SKU	HEAD STYLE	WEIGHT	MAX LOAD	HEIGHT (MIN-MAX)	FOLDED DIMENSIONS (HEIGHT X WIDTH)	LEG MATERIAL	LEG SECTIONS	LEG ANGLES	LEG LOCKS	HEAD MOUNT
TR-RADB	Ball	7.3 lbs.	55 lbs.	8.3" - 67.3"	28.0" x 6.0"	Carbon Fiber	4	3	Twist	Arca-Swiss
TR-RADL	Leveling	6.1 lbs.	44 lbs.	7.8" - 64.3"	25.5" x 6.0"	Carbon Fiber	4	3	Twist	Arca-Swiss

FEATURES

▶ 3-ANGLE LEG PIVOT LOCKS

▶ RUBBER FEET

▶ SPIKED FEET

▶ DETACHABLE COUNTERWEIGHT HOOK



TRIPODS

RADIAN™ CARBON & RIDGEVIEW™ CARBON

VORTEXOPTICS.COM

RIDGEVIEW™ CARBON

CARBON FIBER TRIPOD + PAN HEAD



22 LBS. MAX LOAD
Perfect for large binoculars and spotting scopes.

EXTENDED HEIGHT
Maximum height of 73.8" for glassing while standing.



2-WAY PAN HEAD
Provides simple, intuitive controls and full range of motion.

CARBON FIBER LEG CONSTRUCTION
Perfect combination of strength and lightweight build.



COMPATIBLE WITH PRO LEVELING HEAD

Integrated level for precise positioning, plus twist to unlock/lock knurled control ring to keep you locked in.

*SOLD SEPARATELY

THE HEIGHT OF STABILITY.

Ridgeview™ Carbon raises your long-range tools to new heights without sacrificing stability or strength. Our tallest tripod, the Ridgeview™ Carbon is perfect for stand-up glassing, and it's built on a carbon frame for higher performance at higher heights. Adjustments are smooth and precise, thanks to a 2-Way Pan Head, and you can quickly switch out your long-range tools with the Arca-Swiss compatible quick-release system. When you need stability and strength you can stand behind, put Ridgeview™ Carbon in your pack.

SPECS

SKU	HEAD STYLE	WEIGHT	MAX LOAD	HEIGHT (MIN-MAX)	FOLDED DIMENSIONS (HEIGHT X WIDTH)	LEG MATERIAL	LEG SECTIONS	LEG ANGLES	LEG LOCKS	HEAD MOUNT
TR-RVC	2-Way Pan	3.2 lbs.	22 lbs.	8.3" - 73.8"	29.0" x 3.2"	Carbon Fiber	3	3	1/4 Turn	Arca-Swiss

FEATURES

- ▶ 3-ANGLE LEG PIVOT LOCKS
- ▶ RUBBER FEET
- ▶ DETACHABLE COUNTERWEIGHT HOOK





SUMMIT™ CARBON II

CARBON FIBER TRIPOD + PAN HEAD



NEW

22 LBS. MAX LOAD

Perfect for large binoculars and spotting scopes.



COMPACT, LIGHTWEIGHT DESIGN

2.5 lbs. and compact folding design for ultimate packability.

2-WAY PAN HEAD

Provides simple, intuitive controls and full range of motion.



CARBON FIBER LEG CONSTRUCTION

Perfect combination of strength and lightweight build.



COMPATIBLE WITH PRO LEVELING HEAD

Integrated level for precise positioning, plus twist to unlock/lock knurled control ring to keep you locked in.

*SOLD SEPARATELY

GO LIGHTER, GO FASTER, GO ANYWHERE.

When every ounce in your pack out counts, count on the Summit™ Carbon II to keep you moving without sacrificing stability. Carbon fiber construction keeps it light and strong, while the four leg sections provide the ultimate in packability, letting the Summit™ Carbon II collapse to a smaller size, yet still go tall enough to get you the height you need. To cut down on weight even more, Summit™ Carbon II comes with a detachable center column to go taller when you need it and stow away for lower viewing and packability when you don't. Make light work of your next adventure with Summit™ Carbon II.

SPECS

SKU	HEAD STYLE	WEIGHT	MAX LOAD	HEIGHT (MIN-MAX)	FOLDED DIMENSIONS (HEIGHT X WIDTH)	LEG MATERIAL	LEG SECTIONS	LEG ANGLES	LEG LOCKS	HEAD MOUNT
TR-SMC	2-Way Pan	2.5 lbs.	22 lbs.	6.3" x 53.3"	18.1" x 3.0"	Carbon Fiber	4	3	1/4 Turn	Arca-Swiss

FEATURES

▶ 3-ANGLE LEG PIVOT LOCKS

▶ RUBBER FEET

▶ DETACHABLE COUNTERWEIGHT HOOK



TRIPODS

SUMMIT™ CARBON II & HIGH COUNTRY™ II

VORTEXOPTICS.COM

HIGH COUNTRY™ II

ALUMINUM TRIPOD + PAN HEAD



22 LBS. MAX LOAD

Perfect for large binoculars and spotting scopes.



ALUMINUM LEG CONSTRUCTION

Excellent balance of packability and durability.

2-WAY PAN HEAD

Provides simple, intuitive controls and full range of motion.



COMPATIBLE WITH PRO LEVELING HEAD

Integrated level for precise positioning, plus twist to unlock/lock knurled control ring to keep you locked in.

*SOLD SEPARATELY

OWN THE HIGH GROUND.

Need a tripod with the ideal combination of stability and packability? The High Country™ II delivers, with a machined aluminum design offering outstanding durability in a lightweight package. In-the-field adjustments are smooth and precise, thanks to a 2-Way Pan and Tilt Head, and you can switch out your long-range tools with ease, thanks to the Arca-Swiss compatible quick-release system. Whether you're working grasslands, forests, or mountains, the High Country™ II is rock-solid on any surface, with rubber feet for a non-slip grip. For reliable, packable performance, grab a High Country™ II and take the high ground with you.

SPECS

SKU	HEAD STYLE	WEIGHT	MAX LOAD	HEIGHT (MIN-MAX)	FOLDED DIMENSIONS (HEIGHT X WIDTH)	LEG MATERIAL	LEG SECTIONS	LEG ANGLES	LEG LOCKS	HEAD MOUNT
TR-HCY	2-Way Pan	4.0 lbs.	22 lbs.	11.3" - 62.5"	24.3" x 4.0"	Aluminum	3	3	Flip Lever	Arca-Swiss

FEATURES

▶ 3-ANGLE LEG PIVOT LOCKS

▶ RUBBER FEET

▶ DETACHABLE COUNTERWEIGHT HOOK





RIFLESCOPE SPECS

Some people see the glass as half full, others as half empty. Then there are the scholarly engineer types who question why the glass is the wrong size for the contents. If you fall into the last category and love to know all the details and specifications, these pages are for you! If you want more details than what you see here, please visit our website at VortexOptics.com.

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TURRET STYLE	TUBE SIZE	ADJUSTMENT GRADUATION	TRAVEL PER ROTATION	MAX ELEVATION TOTAL TRAVEL	MAX WINDAGE TOTAL TRAVEL	PARALLAX SETTING	LENGTH	WEIGHT
Razor® HD AMG™																
RZR-AMG-5	6-24x50	FFP	EBR-7B MRAD	Yes	3.6"	20.4' - 5.1'	L-Tec™	Exposed	30mm	.1 MRAD	10 MRAD	27.5 MRAD*	19 MRAD*	25 yds. - ∞	14.9"	28.8 oz.
RZR-AMG-4			EBR-7B MOA							1/4 MOA	25 MOA	94.5 MOA*	65 MOA*			
Razor® HD Gen III																
RZR-11002	1-10x24	FFP	EBR-9 MRAD	Yes	3.6"	116.0' - 11.7'	N/A	Capped	34mm	.1 MRAD	10 MRAD	30 MRAD	30 MRAD	150 yds.	10.1"	21.5 oz.
RZR-11001			EBR-9 BDC MOA							1/4 MOA	25 MOA	120 MOA	120 MOA			
Razor® HD Gen II																
RZR-42709	4.5-27x56	FFP	Horus™ H59™ MRAD	Yes	3.7"	25.3' - 4.4'	L-Tec™	Exposed	34mm	.1 MRAD	10 MRAD	33 MRAD*	14 MRAD*	32 yds. - ∞	14.4"	48.5 oz.
RZR-42710			Horus™ Tremor3™ MRAD													
RZR-42708			EBR-7C MRAD													
RZR-42707			EBR-7C MOA							1/4 MOA	25 MOA	113.5 MOA*	48 MOA*			
RZR-31805	3-18x50	FFP	EBR-7C MRAD	Yes	3.7"	37.8' - 6.3'	L-Tec™	Exposed	34mm	.1 MRAD	10 MRAD	35 MRAD*	20 MRAD*	25 yds. - ∞	14.4"	46.5 oz.
RZR-31804			EBR-7C MOA							1/4 MOA	25 MOA	120 MOA*	69 MOA*			
Razor® HD Gen II-E																
RZR-16009	1-6x24	SFP	VMR-2 MRAD	Yes	4.0"	115.2' - 20.5'	N/A	Capped	30mm	.2 MRAD	20 MRAD	43 MRAD	43 MRAD	100 yds.	10.1"	21.5 oz.
RZR-16010			VMR-2 MOA							1/2 MOA	50 MOA	150 MOA	150 MOA			
RZR-16008			JM-1 BDC MOA													
Razor® HD LHT™																
RZR-31503	3-15x50	SFP	G4i BDC MRAD	Yes	3.8"	35.3' - 7.0'	RevStop™	Elevation: Exposed Windage: Capped	30mm	.1 MRAD	6 MRAD	23 MRAD*	23 MRAD	20m - ∞	13.6"	20.5 oz.
RZR-31502	3-15x42	SFP	HSR-5i MRAD	Yes	3.8"	35.3' - 7.0'	RevStop™		Elevation: Exposed Windage: Capped	30mm	.1 MRAD	6 MRAD	23 MRAD*	23 MRAD	20m - ∞	13.4"
RZR-31501			HSR-5i MOA					1/4 MOA			15 MOA	80 MOA*	80 MOA	20 yds. - ∞		
Razor® HD																
RZR-52006	5-20x50	FFP	EBR-2B MRAD	Yes	3.9"	22.5' - 5.8'	RZR™	Exposed	35mm	.1 MRAD	10 MRAD	36 MRAD	36 MRAD	40 yds. - ∞	15.8"	37.0 oz.
RZR-52005			EBR-2B MOA							1/4 MOA	25 MOA	125 MOA	125 MOA			
Golden Eagle® HD																
TCS-1503	15-60x52	SFP	ECR-1 MOA	No	3.9"	6.3' - 1.7'	N/A	Exposed	30mm	1/8 MOA	10 MOA	55 MOA	45 MOA	20 yds. - ∞	16.1"	29.7 oz.
TCS-1501			SCR-1 MOA													
Viper® PST Gen II																
PST-5259	5-25x50	FFP	EBR-7C MRAD	Yes	3.4"	24.1' - 4.8'	RZR™	Exposed	30mm	.1 MRAD	10 MRAD	20 MRAD	10 MRAD	25 yds. - ∞	15.8"	31.2 oz.
PST-5256		EBR-7C MOA	1/4 MOA							25 MOA	70 MOA	35 MOA				
PST-5251		SFP	EBR-4 MOA													
PST-3159	3-15x44	FFP	EBR-7C MRAD	Yes	3.4"	41.2' - 8.6'	RZR™	Exposed	30mm	.1 MRAD	10 MRAD	22 MRAD	11 MRAD	20 yds. - ∞	14.3"	28.1 oz.
PST-3156		EBR-7C MOA	1/4 MOA							25 MOA	75 MOA	40 MOA				
PST-3151		SFP	EBR-4 MOA													
PST-2105	2-10x32	FFP	EBR-4 MRAD	Yes	3.2"	58.3' - 11.7'	RZR™	Exposed	30mm	.1 MRAD	10 MRAD	26 MRAD	26 MRAD	20 yds. - ∞	12.6"	26.3 oz.
PST-2101		EBR-4 MOA	1/4 MOA							25 MOA	90 MOA	90 MOA				
PST-1607	1-6x24	SFP	VMR-2 MRAD	Yes	3.8"	112.5' - 18.8'	N/A	Capped	30mm	.2 MRAD	16 MRAD	46 MRAD	46 MRAD	100 yds.	10.8"	22.7 oz.
PST-1605			VMR-2 MOA							1/2 MOA	40 MOA	160 MOA	160 MOA			
Viper® HST™																
VHS-4310	6-24x50	SFP	VMR-1 MRAD	No	4.0"	17.8' - 5.1'	CRS™	Exposed	30mm	.1 MRAD	5 MRAD	19 MRAD	19 MRAD	50 yds. - ∞	15.4"	22.6 oz.
VHS-4325			VMR-1 MOA							1/4 MOA	12 MOA	65 MOA	65 MOA			
VHS-4308	4-16x44	SFP	VMR-1 MRAD	No	4.0"	27.4' - 7.4'	CRS™	Exposed	30mm	.1 MRAD	5 MRAD	21 MRAD	21 MRAD	50 yds. - ∞	13.3"	20.8 oz.
VHS-4309			VMR-1 MOA							1/4 MOA	12 MOA	75 MOA	75 MOA			

*Zero stop will limit travel.

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	FOCAL PLANE	RETICLE	ILLUMINATION	EYE RELIEF	LINEAR FIELD OF VIEW (@ 100 YARDS)	ZERO STOP	TURRET STYLE	TUBE SIZE	ADJUSTMENT GRADUATION	TRAVEL PER ROTATION	MAX ELEVATION TOTAL TRAVEL	MAX WINDAGE TOTAL TRAVEL	PARALLAX SETTING	LENGTH	WEIGHT
Viper™ HSLR™																
VHS-4315-LR	6-24x50	FFP	XLR MOA	No	4.0"	17.8' - 5.1'	CRS™	Elevation: Exposed Windage: Capped	30mm	Elevation: 1/2 MOA Windage: 1/4 MOA	Elevation: 24 MOA Windage: 12 MOA	65 MOA	42 MOA	50 yds. - ∞	15.4"	22.4 oz.
VHS-4307-LR	4-16x50	SFP	Dead-Hold® BDC MOA	No	4.0"	27.4' - 7.4'	CRS™		30mm			75 MOA	50 MOA	50 yds. - ∞	13.6"	21.4 oz.
Viper™ HS™																
VHS-4307	4-16x50	SFP	Dead-Hold® BDC MOA	No	4.0"	27.4' - 7.4'	N/A	Capped	30mm	1/4 MOA	12 MOA	50 MOA	50 MOA	50 yds. - ∞	13.6"	20.4 oz.
VHS-4305	4-16x44	SFP	Dead-Hold® BDC MOA	No	4.0"	27.4' - 7.4'	N/A	Capped	30mm	1/4 MOA	12 MOA	50 MOA	50 MOA	50 yds. - ∞	13.4"	18.4 oz.
VHS-4303	2.5-10x44	SFP	Dead-Hold® BDC MOA	No	4.0"	47.0' - 10.9'	N/A	Capped	30mm	1/4 MOA	12 MOA	86 MOA	86 MOA	100 yds.	12.0"	16.5 oz.
Viper®																
VPR-M-06BDC	6.5-20x50	SFP	Dead-Hold® BDC MOA	No	3.1"	17.4' - 6.2'	N/A	Capped	30mm	1/4 MOA	12 MOA	65 MOA	65 MOA	50 yds. - ∞	14.4"	21.6 oz.
VPR-M-06MD			Mil Dot MOA													
Strike Eagle®																
SE-52504	5-25x56	FFP	EBR-7C MRAD	Yes	3.7"	24.0' - 5.2'	RevStop™	Exposed	34mm	.1 MRAD	10 MRAD	31 MRAD*	23 MRAD	15 yds. - ∞	14.6"	30.4 oz.
SE-52503			EBR-7C MOA							1/4 MOA	25 MOA	110 MOA*	78 MOA			
SE-1824-2	1-8x24	SFP	AR-BDC3 MOA	Yes	3.5"	109.0' - 14.4'	N/A	Capped	30mm	1/2 MOA	44 MOA	140 MOA	140 MOA	100 yds.	10.0"	17.6 oz.
SE-1624-2	1-6x24	SFP	AR-BDC3 MOA	Yes	3.5"	116.5' - 19.2'	N/A	Capped	30mm	1/2 MOA	44 MOA	140 MOA	140 MOA	100 yds.	10.5"	18.5 oz.
Diamondback® Tactical																
DBK-10029	6-24x50	FFP	EBR-2C MRAD	No	3.9"	18.0' - 4.5'	N/A	Exposed	30mm	.1 MRAD	6 MRAD	19 MRAD	19 MRAD	10 yds. - ∞	14.3"	24.6 oz.
DBK-10028			EBR-2C MOA							1/4 MOA	15 MOA	65 MOA	65 MOA			
DBK-10027	4-16x44	FFP	EBR-2C MRAD	No	3.8"	26.9' - 6.7'	N/A	Exposed	30mm	.1 MRAD	6 MRAD	25 MRAD	25 MRAD	20 yds. - ∞	14.1"	23.1 oz.
DBK-10026			EBR-2C MOA							1/4 MOA	15 MOA	85 MOA	85 MOA			
DBK-10025	4-12x40	SFP	VMR-1 MOA	No	3.9"	23.6' - 7.9'	N/A	Exposed	1"	1/4 MOA	12 MOA	70 MOA	70 MOA	100 yds.	14.1"	16.2 oz.
Diamondback®																
DBK-04-BDC	4-12x40	SFP	Dead-Hold® BDC MOA	No	3.1"	32.4' - 11.3'	N/A	Capped	1"	1/4 MOA	15 MOA	60 MOA	60 MOA	100 yds.	12.0"	14.6 oz.
DBK-03-BDC	3.5-10x50	SFP	Dead-Hold® BDC MOA	No	3.3"	35.8' - 13.5'	N/A	Capped	1"	1/4 MOA	15 MOA	65 MOA	65 MOA	100 yds.	12.5"	16.2 oz.
DBK-01-BDC	3-9x40	SFP	Dead-Hold® BDC MOA	No	3.3"	44.6' - 14.8'	N/A	Capped	1"	1/4 MOA	15 MOA	70 MOA	70 MOA	100 yds.	11.6"	14.4 oz.
DBK-M-01P			V-Plex MOA													
DBK-RIM	2-7x35 Rimfire	SFP	V-Plex MOA	No	3.1"	64.3' - 19.3'	N/A	Capped	1"	1/4 MOA	15 MOA	100 MOA	100 MOA	50 yds.	11.6"	14.2 oz.
DBK-08-BDC	1.75-5x32	SFP	Dead-Hold® BDC MOA	No	3.5"	68.3' - 23.1'	N/A	Capped	1"	1/4 MOA	15 MOA	125 MOA	125 MOA	100 yds.	10.2"	12.8 oz.
Crossfire® II																
CF2-31045	6-24x50	SFP	Dead-Hold® BDC MOA	No	4.0"	17.3' - 4.4'	N/A	Capped	30mm	1/4 MOA	15 MOA	40 MOA	40 MOA	10 yds. - ∞	14.5"	23.6 oz.
CF2-31029	6-18x44	SFP	V-Brite® MOA	Yes	3.7"	15.2' - 5.2'	N/A	Capped	1"	1/4 MOA	15 MOA	50 MOA	50 MOA	10 yds. - ∞	13.8"	19.6 oz.
CF2-31033			Dead-Hold® BDC MOA	No												
CF2-31039	4-16x50	SFP	Dead-Hold® BDC MOA	No	3.7"	25.0' - 3.7'	N/A	Capped	30mm	1/4 MOA	15 MOA	50 MOA	50 MOA	25 yds. - ∞	14.4"	23.6 oz.
CF2-31023	4-12x50	SFP	Dead-Hold® BDC MOA	No	3.9"	25.7' - 8.4'	N/A	Capped	1"	1/4 MOA	15 MOA	50 MOA	50 MOA	10 yds. - ∞	14.3"	20.6 oz.
CF2-31015	4-12x44	SFP	Dead-Hold® BDC MOA	No	3.9"	24.7' - 8.4'	N/A	Capped	1"	1/4 MOA	15 MOA	50 MOA	50 MOA	100 yds.	13.2"	15.5 oz.
CF2-31013			V-Plex MOA													
CF2-31019	4-12x40	SFP	Dead-Hold® BDC MOA	No	3.9"	24.7' - 8.4'	N/A	Capped	1"	1/4 MOA	15 MOA	50 MOA	50 MOA	10 yds. - ∞	13.6"	19.2 oz.
CF2-31049	3-12x56 Hog Hunter	SFP	V-Brite® MOA	Yes	3.5"	36.7' - 9.2'	N/A	Capped	30mm	1/4 MOA	15 MOA	60 MOA	60 MOA	10 yds. - ∞	13.5"	27.7 oz.
CF2-31027	3-9x50	SFP	V-Brite® MOA	Yes	3.8"	32.0' - 12.9'	N/A	Capped	1"	1/4 MOA	15 MOA	60 MOA	60 MOA	100 yds.	12.8"	18.4 oz.
CF2-31011			Dead-Hold® BDC MOA	No												
CF2-31025	3-9x40	SFP	V-Brite® MOA	Yes	3.8"	34.1' - 12.6'	N/A	Capped	1"	1/4 MOA	15 MOA	60 MOA	60 MOA	100 yds.	11.9"	15.0 oz.
CF2-31007			Dead-Hold® BDC MOA	No												
CF2-31005			V-Plex MOA	No												
CF2-CB1	2-7x32 Crossbow Kit	SFP	XBR-2® MOA	Yes	2.7"	57.5' - 16.4'	N/A	Capped	30mm	1/2 MOA	30 MOA	160 MOA	160 MOA	75 yds.	9.5"	14.0 oz.
CF2-31002	2-7x32 Scout	SFP	V-Plex MOA	No	9.5"	18.3' - 5.2'	N/A	Capped	1"	1/4 MOA	15 MOA	60 MOA	60 MOA	100 yds.	10.7"	12.0 oz.
CF2-31001R	2-7x32 Rimfire	SFP	V-Plex MOA	No	3.9"	42.0' - 12.6'	N/A	Capped	1"	1/4 MOA	15 MOA	60 MOA	60 MOA	50 yds.	10.7"	14.3 oz.
CF2-31003	2-7x32	SFP	Dead-Hold® BDC MOA	No	3.9"	42.0' - 12.6'	N/A	Capped	1"	1/4 MOA	15 MOA	60 MOA	60 MOA	100 yds.	10.7"	14.3 oz.
CF2-31001			V-Plex MOA													
CF2-31037	1-4x24	SFP	V-Brite® MOA	Yes	4.0"	96.1' - 24.1'	N/A	Capped	30mm	1/2 MOA	30 MOA	100 MOA	100 MOA	100 yds.	9.6"	15.6 oz.

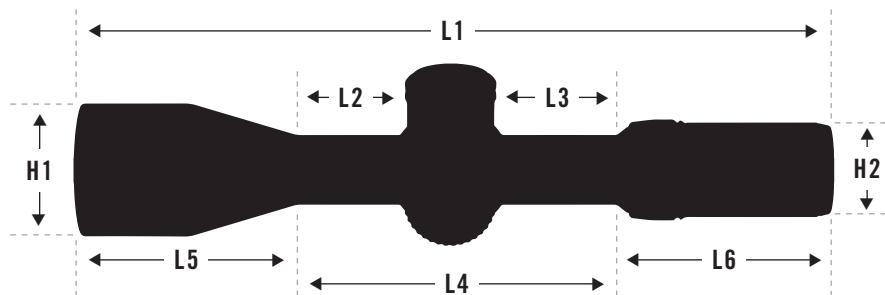
*Zero stop will limit travel.



RIFLESCOPE DIMENSIONS

These dimensions will help determine which rings and flip caps will work best for each scope. For more details, please visit the riflescope specification pages on our website.

Note: Dimensions measured in inches.



MODEL	LENGTH						HEIGHT	
	L1	L2	L3	L4	L5	L6	H1	H2
Razor® HD AMG*								
6-24x50	14.96	2.15	2.28	6.00	5.04	3.93	2.32	1.74
Razor® HD Gen III								
1-10x24	10.10	2.00	2.50	6.70	0.40	3.40	1.33	1.81
Razor® HD Gen II								
4.5-27x56	14.40	1.96	2.17	6.11	4.13	4.10	2.55	1.81
3-18x50	14.40	1.96	2.17	6.11	4.13	4.10	2.32	1.81
Razor® HD Gen II-E								
1-6x24	10.10	2.50	1.50	5.67	0.85	3.60	1.29	1.81
Razor® HD LHT*								
3-15x50	13.59	2.16	2.10	5.73	4.30	3.41	2.32	1.70
3-15x42	13.39	2.67	2.08	6.24	3.75	3.40	2.01	1.70
Razor® HD								
5-20x50	15.80	2.90	2.50	6.90	4.90	3.90	2.33	1.74
Golden Eagle® HD								
15-60x52	16.10	3.50	2.28	7.50	5.51	3.09	2.41	1.73
Viper® PST Gen II								
5-25x50	15.79	2.37	2.58	6.59	5.60	3.59	2.30	1.81
3-15x44	14.30	2.32	2.59	6.56	4.15	3.59	2.08	1.81
2-10x32	12.64	2.36	2.53	6.54	2.52	3.59	1.61	1.81
1-6x24	10.83	3.00	2.19	6.85	0.50	3.44	1.29	1.81
Viper® HST*								
6-24x50	15.41	2.60	2.58	6.52	5.30	3.60	2.26	1.65
4-16x44	13.33	2.10	2.17	5.61	4.11	3.60	2.03	1.65
Viper® HSLR*								
6-24x50	15.41	2.60	2.58	6.52	5.30	3.60	2.26	1.65
4-16x50	13.56	2.10	2.21	5.65	4.31	3.60	2.26	1.65
Viper® HS*								
4-16x50	13.60	2.10	2.23	5.67	4.33	3.60	2.27	1.65
4-16x44	13.41	2.13	2.19	5.63	4.20	3.60	2.03	1.65
2.5-10x44	12.00	2.07	2.08	5.47	2.90	3.60	2.03	1.65

MODEL	LENGTH						HEIGHT	
	L1	L2	L3	L4	L5	L6	H1	H2
Viper*								
6.5-20x50	14.44	2.80	2.20	6.37	4.65	3.24	2.27	1.72
Strike Eagle*								
5-25x56	14.60	2.04	2.73	6.46	4.78	3.43	2.51	1.80
1-8x24	10.00	2.88	1.88	6.40	—	3.46	1.18	1.69
1-6x24	10.50	2.84	2.13	6.53	—	3.87	1.18	1.69
Diamondback® Tactical								
6-24x50	14.28	2.30	2.70	6.56	3.98	3.77	2.25	1.73
4-16x44	14.06	2.24	2.70	6.43	3.83	3.77	2.01	1.73
4-12x40	14.08	1.90	2.15	5.30	5.30	3.43	1.86	1.71
Diamondback®								
4-12x40	12.00	2.46	2.15	5.85	3.00	3.10	1.89	1.69
3.5-10x50	12.50	2.15	2.10	5.48	3.85	3.10	2.29	1.69
3-9x40	11.61	2.10	2.10	5.40	3.07	3.10	1.89	1.69
2-7x35 Rimfire	11.60	1.83	2.10	5.16	3.35	3.10	1.72	1.69
1.75-5x32	10.20	1.90	1.96	5.10	1.90	3.10	1.55	1.69
Crossfire® II								
6-24x50	14.50	1.97	2.60	5.90	5.00	3.60	2.52	1.73
6-18x44	13.78	1.97	2.20	5.40	4.55	3.79	2.30	1.61
4-16x50	14.37	1.90	2.30	5.60	5.16	3.60	2.52	1.73
4-12x50	14.30	2.20	2.20	5.66	5.07	3.56	2.54	1.73
4-12x44	13.15	2.30	1.90	5.50	4.00	3.60	2.01	1.71
4-12x40	13.60	2.25	2.02	5.50	4.06	3.32	2.16	1.68
3-12x56 Hoghunter	13.46	1.57	2.05	5.00	5.00	3.54	2.80	1.73
3-9x50	12.80	2.00	1.80	5.10	4.10	3.65	2.27	1.73
3-9x40	11.86	2.10	2.10	5.39	3.15	3.60	1.89	1.68
2-7x32 Crossbow Kit	9.50	1.69	1.50	4.45	1.95	3.06	1.56	1.52
2-7x32 Scout	10.71	1.86	1.54	4.63	3.10	2.90	1.53	1.61
2-7x32 Rimfire	10.71	1.86	1.54	4.63	3.10	2.90	1.53	1.61
2-7x32	10.71	1.86	1.54	4.63	3.10	2.90	1.53	1.61
1-4x24	9.61	2.78	1.90	6.17	—	3.44	1.18	1.73

RED DOT SPECS

SKU	DOT SIZE	DOT COLOR	BATTERY TYPE	BATTERY LIFE	EYE RELIEF	MAGNIFICATION	ADJUSTMENT GRADUATION	TRAVEL PER ROTATION	MAX ELEVATION ADJUSTMENT	MAX WINDAGE ADJUSTMENT	PARALLAX SETTING	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
AMG™ UH-1™ Gen II													
AMG-HS02	EBR-CQB 1 MOA	Bright Red	CR123A	1,000 hrs.	Unlimited	1x	1/2 MOA	16.5 MOA	100 MOA	100 MOA	Parallax Free	3.9"	11.0 oz.
SPARC™ SOLAR													
SPC-404	2 MOA	Bright Red	CR2032	150,000 hrs.	Unlimited	1x	1 MOA	42 MOA	100 MOA	100 MOA	Parallax Free	2.6"	5.9 oz.
SPARC™ AR													
SPC-AR2	2 MOA	Bright Red	AAA	50,000 hrs.	Unlimited	1x	1 MOA	40 MOA	90 MOA	90 MOA	Parallax Free	2.9"	8.6 oz.
Strikefire™ II													
SF-BR-504	4 MOA	Bright Red	CR2	50,000 hrs.	Unlimited	1x	1/2 MOA	30 MOA	100 MOA	100 MOA	Parallax Free	5.6"	12.8 oz.
SF-RG-501	4 MOA	Red/Green	CR2	360 hrs.	Unlimited	1x	1/2 MOA	30 MOA	100 MOA	100 MOA	Parallax Free	5.6"	12.8 oz.
Crossfire™													
CF-RD2	2 MOA	Bright Red	CR2032	50,000 hrs.	Unlimited	1x	1 MOA	40 MOA	100 MOA	100 MOA	Parallax Free	2.5"	5.3 oz.
Razor™													
RZR-2001	3 MOA	Bright Red	CR2032	282 hrs.	Unlimited	1x	1 MOA	30 MOA	170 MOA	114 MOA	Parallax Free	1.8"	2.3 oz.
RZR-2003	6 MOA	Bright Red	CR2032	282 hrs.	Unlimited	1x	1 MOA	30 MOA	170 MOA	114 MOA	Parallax Free	1.8"	2.3 oz.
Viper™													
VRD-6	6 MOA	Bright Red	CR2032	10,000 hrs.	Unlimited	1x	1 MOA	48 MOA	120 MOA	120 MOA	Parallax Free	1.8"	2.0 oz.
Venom™													
VMD-3103	3 MOA	Bright Red	CR1632	900 hrs.	Unlimited	1x	1 MOA	30 MOA	130 MOA	100 MOA	Parallax Free	1.9"	1.7 oz.
VMD-3106	6 MOA	Bright Red	CR1632	900 hrs.	Unlimited	1x	1 MOA	30 MOA	130 MOA	100 MOA	Parallax Free	1.9"	1.7 oz.

PRISM SCOPE SPECS

SKU	MAGNIFICATION	OBJECTIVE LENS DIAMETER	RETICLE	RETICLE COLOR	LINEAR FIELD OF VIEW (@ 100 YARDS)	EYE RELIEF	ADJUSTMENT GRADUATION	TRAVEL PER ROTATION	MAX ELEVATION ADJUSTMENT	MAX WINDAGE ADJUSTMENT	PARALLAX SETTING	BATTERY TYPE	LENGTH	WEIGHT (W/BATTERY & HIGHEST MOUNT)
Spitfire™ HD Gen II														
SPR-500	5x	25mm	AR-BDC4 MOA	Red	23.3'	2.7"	1 MOA	42 MOA	200 MOA	200 MOA	100 yds.	CR2032	3.6"	10.8 oz.
SPR-300	3x	21mm	AR-BDC4 MOA	Red	37.9'	2.6"	1 MOA	42 MOA	250 MOA	250 MOA	100 yds.	CR2032	3.0"	9.3 oz.
Spitfire™ AR														
SPR-200	1x	25mm	DRT MOA	Red/Green	79.0'	3.8"	1/2 MOA	30 MOA	120 MOA	120 MOA	Parallax Free	AAA	4.5"	11.2 oz.

MONOCULAR SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	DIOPTRER RANGE	EYECUP STYLE	LENGTH	WEIGHT
RECCE Pro™ HD									
RP-100	8x32	400'	7.6°	5.0'	14.5mm	+/- 3	Winged	6.0"	10.5 oz.
Recon™ R/T									
RT155	15x50	215'	4.1°	12.0'	16.0mm	+/- 3	Winged	8.0"	15.2 oz.
Solo™ R/T									
SOL-3608-RT	8x36	393'	7.5°	16.4'	18.0mm	+/- 4	Winged	5.4"	10.7 oz.
Solo™									
S136	10x36	325'	6.2°	16.4'	15.0mm	N/A	Adjustable	4.9"	9.1 oz.
S836	8x36	393'	7.5°	16.4'	18.0mm	N/A	Adjustable	4.9"	9.7 oz.
S105	10x25	315'	6.0°	16.4'	14.5mm	N/A	Adjustable	4.4"	5.6 oz.
S825	8x25	378'	7.2°	16.4'	15.0mm	N/A	Adjustable	4.4"	5.6 oz.



BINOCULAR SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	DIOPTR RANGE	PRISM TYPE	PRISM MATERIAL	HEIGHT	WIDTH	WEIGHT
Razor[®] UHD												
RZB-3104	18x56	194'	3.7°	10.0'	18.0mm	56mm - 76mm	+/- 2	Roof-Abbe Koenig	BaK7	8.3"	6.1"	41.6 oz.
RZB-3103	12x50	288'	5.5°	6.6'	17.0mm	56mm - 76mm	+/- 2	Roof-Abbe Koenig	BaK7	7.6"	5.8"	36.1 oz.
RZB-3102	10x42	346'	6.6°	4.5'	16.7mm	56mm - 76mm	+/- 2	Roof-Abbe Koenig	BaK7	7.0"	5.6"	32.2 oz.
RZB-3101	8x42	420'	8.0°	4.5'	16.7mm	56mm - 76mm	+/- 2	Roof-Abbe Koenig	BaK7	7.0"	5.6"	32.2 oz.
Razor[®] HD												
RZB-2104	12x50	285'	5.4°	10.0'	15.5mm	57mm - 74mm	+/- 3.5	Roof-Schmidt Pechan	BaK4 + BaK7	6.8"	5.1"	28.7 oz.
RZB-2103	10x50	315'	6.0°	10.0'	16.5mm	57mm - 74mm	+/- 3.5	Roof-Schmidt Pechan	BaK4 + BaK7	6.8"	5.1"	28.1 oz.
RZB-2102	10x42	362'	6.9°	6.0'	16.5mm	55mm - 75mm	+/- 3.5	Roof-Schmidt Pechan	BaK4 + BaK7	5.9"	5.1"	24.8 oz.
RZB-2101	8x42	388'	7.4°	6.0'	17.5mm	55mm - 75mm	+/- 3.5	Roof-Schmidt Pechan	BaK4 + BaK7	5.9"	5.1"	24.2 oz.
Kaibab[®] HD												
KAI-5618	18x56	194'	3.7°	19.8'	16.4mm	60mm - 76mm	+/- 3	Roof-Schmidt Pechan	BaK4 + BaK7	7.7"	5.7"	43.5 oz.
Viper[®] HD												
V203	12x50	288'	5.5°	8.0'	16.0mm	59mm - 75mm	+/- 4	Roof-Schmidt Pechan	BaK4 + BaK7	6.5"	5.2"	28.8 oz.
V202	10x50	346'	6.6°	8.0'	16.0mm	59mm - 75mm	+/- 2.5	Roof-Schmidt Pechan	BaK4 + BaK7	6.5"	5.2"	28.4 oz.
V201	10x42	341'	6.5°	6.0'	17.0mm	55mm - 74mm	+/- 4	Roof-Schmidt Pechan	BaK4 + BaK7	5.6"	4.9"	24.9 oz.
V200	8x42	409'	7.8°	6.0'	18.0mm	55mm - 74mm	+/- 2.5	Roof-Schmidt Pechan	BaK4 + BaK7	5.6"	4.9"	24.5 oz.
Diamondback[®] HD												
DB-218	15x56	230'	4.4°	14.0'	15.6mm	59mm - 76mm	+/- 3	Roof-Schmidt Pechan	BaK4	7.1"	5.8"	34.8 oz.
DB-217	12x50	271'	5.2°	6.0'	14.0mm	60mm - 75mm	+/- 5	Roof-Schmidt Pechan	BaK4	6.4"	5.3"	28.9 oz.
DB-216	10x50	315'	6.0°	6.0'	17.0mm	60mm - 75mm	+/- 5	Roof-Schmidt Pechan	BaK4	6.6"	5.3"	30.0 oz.
DB-215	10x42	330'	6.3°	5.0'	15.0mm	55mm - 73mm	+/- 4	Roof-Schmidt Pechan	BaK4	5.7"	5.1"	21.3 oz.
DB-214	8x42	393'	7.5°	5.0'	17.0mm	55mm - 73mm	+/- 4	Roof-Schmidt Pechan	BaK4	5.7"	5.1"	21.8 oz.
DB-213	10x32	340'	6.5°	6.0'	14.0mm	57mm - 73mm	+/- 4	Roof-Schmidt Pechan	BaK4	4.4"	5.0"	16.0 oz.
DB-212	8x32	426'	8.1°	5.0'	16.0mm	55mm - 72mm	+/- 4	Roof-Schmidt Pechan	BaK4	4.4"	5.0"	15.9 oz.
DB-211	10x28	273'	5.1°	6.0'	16.0mm	57mm - 73mm	+/- 3	Roof-Schmidt Pechan	BaK4	4.6"	4.5"	13.3 oz.
DB-210	8x28	332'	6.2°	6.0'	18.0mm	55mm - 72mm	+/- 3	Roof-Schmidt Pechan	BaK4	4.6"	4.5"	13.7 oz.
Crossfire[®] HD												
CF-4314	12x50	273'	5.2°	6.0'	15.0mm	60mm - 76mm	+/- 3	Roof-Schmidt Pechan	BaK4	6.6"	5.3"	29.5 oz.
CF-4313	10x50	320'	6.1°	6.0'	17.0mm	60mm - 76mm	+/- 3	Roof-Schmidt Pechan	BaK4	6.7"	5.3"	30.4 oz.
CF-4312	10x42	325'	6.2°	6.0'	15.0mm	58mm - 75mm	+/- 3	Roof-Schmidt Pechan	BaK4	6.0"	5.2"	23.0 oz.
CF-4311	8x42	393'	7.5°	6.0'	17.0mm	58mm - 75mm	+/- 3	Roof-Schmidt Pechan	BaK4	6.2"	5.2"	23.8 oz.
Raptor[®]												
R310	10x32	339'	6.3°	15.0'	13.0mm	50mm - 70mm	+/- 4	Porro	BaK4	5.1"	6.2"	19.0 oz.
R385	8.5x32	390'	7.4°	15.0'	14.0mm	50mm - 70mm	+/- 4	Porro	BaK4	5.0"	6.2"	18.7 oz.
Vanquish[®]												
VNQ-1026	10x26	294'	5.6°	7.6'	16.0mm	57mm - 71mm	+/- 2	Reverse Porro	BaK4	4.3"	4.6"	12.7 oz.
VNQ-0826	8x26	352'	6.7°	7.6'	15.0mm	57mm - 71mm	+/- 2	Reverse Porro	BaK4	4.3"	4.6"	12.7 oz.

LASER RANGEFINDING BINOCULAR SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	INTERPUPILLARY DISTANCE	DIOPTR RANGE	MAX REFLECTIVE RANGE (UP TO)	TREE RANGE (UP TO)	DEER RANGE (UP TO)	MIN RANGE	HEIGHT	WIDTH	WEIGHT
Fury[®] HD 5000 AB														
LRF302	10x42	321'	6.1°	18.5'	16.0mm	58mm - 72mm	+/- 3	5000 yds.	2400 yds.	1600 yds.	5 yds.	5.8"	5.0"	32.4 oz.
Fury[®] HD 5000														
LRF301	10x42	321'	6.1°	18.5'	16.0mm	58mm - 72mm	+/- 3	5000 yds.	2400 yds.	1600 yds.	5 yds.	5.8"	5.0"	32.3 oz.

RANGEFINDER SPECS

SKU	MAGNIFICATION	OBJECTIVE LENS DIAMETER	MAX REFLECTIVE RANGE (UP TO)	TREE RANGE (UP TO)	DEER RANGE (UP TO)	MIN RANGE	ACCURACY (@ 100 YARDS)	MAX ANGLE READING	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	EYE RELIEF	LENGTH	HEIGHT	WIDTH	WEIGHT
Razor[®] HD 4000															
LRF-250	7x	25mm	4000 yds.	2500 yds.	2200 yds.	5 yds.	+/- .5 yds.	+/- 70°	341'	6.5°	19mm	4.3"	3.1"	1.7"	9.9 oz.
Ranger[®] 1800															
RRF-181	6x	22mm	1800 yds.	1000 yds.	900 yds.	10 yds.	+/- 1 yd.	+/- 60°	315'	6.0°	17mm	3.9"	3.0"	1.6"	7.7 oz.
Impact[®] 1000															
LRF101	6x	20mm	1000 yds.	800 yds.	500 yds.	5 yds.	+/- 1 yd.	+/- 60°	341'	6.5°	15mm	3.8"	3.0"	1.4"	5.5 oz.

SPOTTING SCOPE SPECS

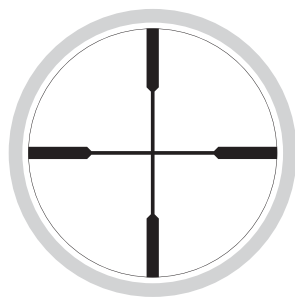
SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	EYEPIECE POSITION	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	LENGTH	WEIGHT
Razor[®] HD								
RS-85A	27-60x85	Angled	117' - 68'	2.2° - 1.3°	16.4'	16.7mm - 17.0mm	15.5"	65.6 oz.
RS-85S		Straight					16.2"	
RS-65A	22-48x65	Angled	138' - 84'	2.7° - 1.6°	26.2'	16.7mm - 17.0mm	14.8"	56.8 oz.
RS-65S		Straight					15.6"	
RZR-50A1	11-33x50	Angled	191' - 96'	3.6° - 1.8°	6.6'	16.0mm - 19.0mm	10.3"	25.0 oz.
RZR-50S1		Straight					11.0"	
Viper[®] HD								
V502	20-60x85	Angled	101' - 50'	1.9° - 1.0°	36.0'	17.8mm - 19.6mm	17.5"	76.6 oz.
V503		Straight					18.0"	
V500	15-45x65	Angled	137' - 68'	2.6° - 1.3°	23.0'	17.8mm - 19.6mm	14.0"	59.0 oz.
V501		Straight					14.6"	
Diamondback[®] HD								
DS-85A	20-60x85	Angled	108' - 60'	2.1° - 1.1°	24.6'	18.3mm - 20.3mm	16.0"	60.9 oz.
DS-85S		Straight					15.8"	
DS-65A	16-48x65	Angled	138' - 72'	2.6° - 1.4°	16.4'	18.3mm - 20.3mm	14.3"	49.8 oz.
DS-65S		Straight					13.7"	

TRIPOD SPECS

SKU	HEAD STYLE	WEIGHT	MAX LOAD	HEIGHT (MIN-MAX)	FOLDED DIMENSIONS (HEIGHT X WIDTH)	LEG MATERIAL	LEG SECTIONS	LEG ANGLES	LEG LOCKS	HEAD MOUNT
Radian[™] Carbon										
TR-RADB	Ball	7.3 lbs.	55 lbs.	8.3" - 67.3"	28.0" x 6.0"	Carbon Fiber	4	3	Twist	Arca-Swiss
TR-RADL	Leveling	6.1 lbs.	44 lbs.	7.8" - 64.3"	25.5" x 6.0"	Carbon Fiber	4	3	Twist	Arca-Swiss
Ridgeview[™] Carbon										
TR-RVC	2-Way Pan	3.2 lbs.	22 lbs.	8.3" - 73.8"	29.0" x 3.2"	Carbon Fiber	3	3	1/4 Turn	Arca-Swiss
Summit[™] Carbon II										
TR-SMC	2-Way Pan	2.5 lbs.	22 lbs.	6.3" - 53.3"	18.1" x 3.0"	Carbon Fiber	4	3	1/4 Turn	Arca-Swiss
High Country[™] II										
TR-HCY	2-Way Pan	4.0 lbs.	22 lbs.	11.3" - 62.5"	24.3" x 4.0"	Aluminum	3	3	Flip Lever	Arca-Swiss



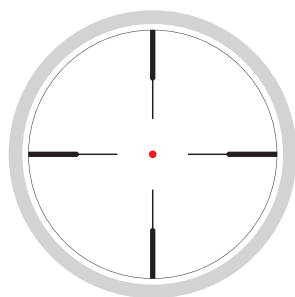
RETICLES



V-PLEX MOA

The V-Plex is a popular, all-purpose hunting reticle intended for a wide variety of applications.

Diamondback®	p. 39
Crossfire® II	p. 41

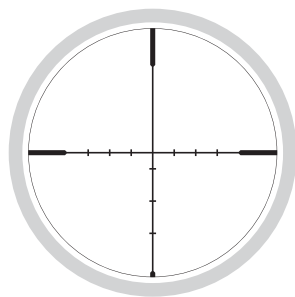


V-BRITE® MOA

GLASS-ETCHED ILLUMINATED CENTER DOT

Uses the V-Plex format with battery-powered electronics to illuminate the center dot for better low-light performance. Perfect for hunters and shooters during extra low-light conditions.

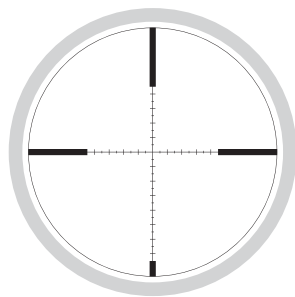
Crossfire® II	p. 40 / p. 41
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DEAD-HOLD® BDC MOA

Customized hashmark design helps eliminate guesswork on holdover and windage corrections. Good for hunting and shooting at varying ranges, where estimating holdover is a concern.

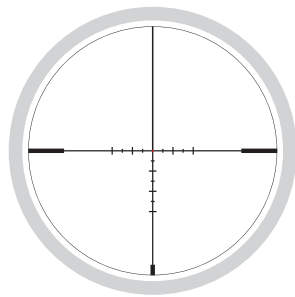
Viper® / HSLR™ / HS™	p. 35
Diamondback®	p. 39
Crossfire® II	p. 40 / p. 41



VMR-1 MOA/MRAD

The VMR-1 is a second focal plane, hashmarked reticle offering accurate holdovers and ranging capability at extended distances. Its simple, intuitive design gives just enough of the information hunters and shooters need while maintaining a clean, clutter-free sight picture.

Viper® HST™	p. 34
Diamondback® Tactical	p. 38



VMR-2 MOA/MRAD

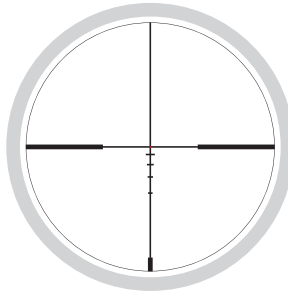
ILLUMINATED CENTER DOT

The VMR-2 is a second focal plane reticle designed specifically for low-power variable optics. A center illuminated dot makes for fast acquisition on 1x, while hashmarks on the lower and horizontal stadia allow for ranging, holdover, and windage corrections on high power.

Razor® HD Gen II-E	p. 27
Viper® PST™ Gen II	p. 33



RETICLES

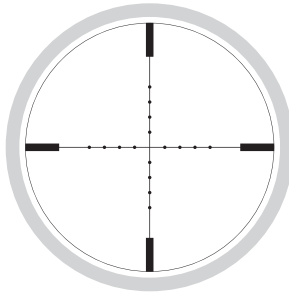


JM-1 BDC MOA

ILLUMINATED CENTER DOT

Simple, intuitive, and fast. The Vortex® exclusive JM-1 BDC reticle with illuminated center dot was designed with input from world-renowned competitive shooter, instructor, and gunsmith Jerry Miculek. The JM-1 BDC facilitates rapid, accurate shooting at distances from point blank to 600 yards.

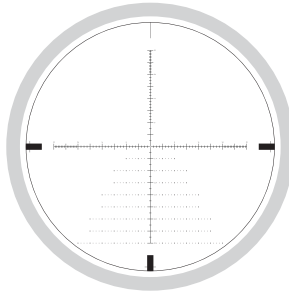
Razor® HD Gen II-E p. 27



MIL DOT MOA

The Mil Dot is the original tactical reticle with a long history of use as a rangefinder for snipers when electronic handheld units were not available.

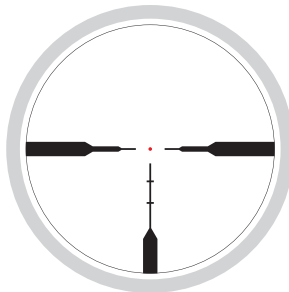
Viper® p. 35



XLR MOA

The XLR is a hashmarked, MOA-based, long-range reticle with wind drift dots and 1 MOA wind reference subtensions. Great for long-range shooters who prefer to dial for bullet-drop and hold for wind at distance.

Viper® HSLR™ p. 35

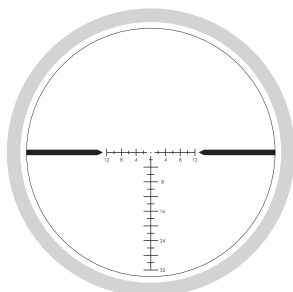


G4i BDC MRAD

ILLUMINATED CENTER DOT

Can be used effectively with a variety of firearms, including high powered rifles, rimfire rifles, blackpowder rifles, and slug shotguns. Also provides reference marks to compensate for bullet drop and drift in windy conditions.

Razor® HD LHT™ p. 29



HSR-5i MOA/MRAD

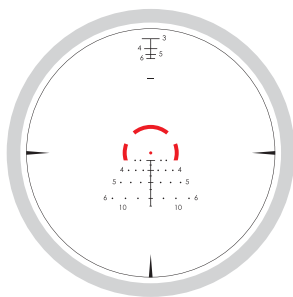
ILLUMINATED CENTER DOT

Effectively determines ranges, holdovers, windage corrections, and moving target leads. The fine center crosshair subtensions provide the optimum balance between precision aiming and low-light visibility.

Razor® HD LHT™ p. 29



RETICLES

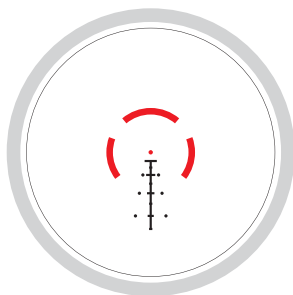


AR-BDC3 MOA

GLASS-ETCHED ILLUMINATED

Our exclusive AR-BDC3 reticle facilitates rapid shooting at distances out to 650 yards with popular 223/5.56mm and .308/7.62mm loads.

Strike Eagle® p. 37

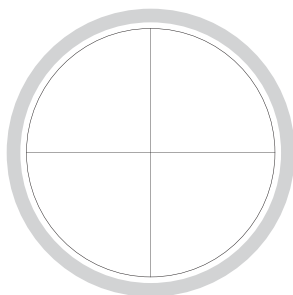


AR-BDC4 MOA

GLASS-ETCHED ILLUMINATED

A BDC reticle built to get the most out of the 5.56 cartridge in your AR, this reticle provides both rapid target acquisition and the tools for holdovers out to 650 yards.

Spitfire™ HD Gen II p. 62

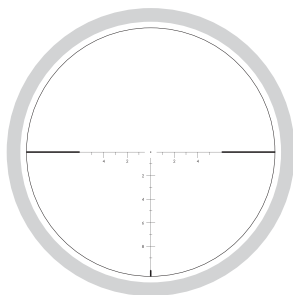


SCR-1 MOA

GLASS-ETCHED

With ultra-fine reticle thickness, the SCR-1 is a second focal plane reticle designed specifically for bench rest and F-Class shooters who need to be as precise at long-range as possible with minimal target coverage by the reticle.

Golden Eagle® HD p. 31

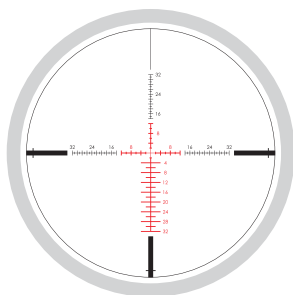


ECR-1 MOA

GLASS-ETCHED

Slightly thicker than the SCR-1 with additional numbered subtensions and a fine center aiming dot, the ECR-1 is a second focal plane optic designed specifically for bench rest and F-Class shooters.

Golden Eagle® HD p. 31



EBR-4 MOA/MRAD

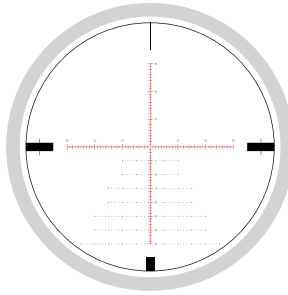
GLASS-ETCHED ILLUMINATED

The EBR-4 is a second focal plane ranging reticle with subtension lines for ranging and holdovers. A fine, precise center crosshair is complimented by wide hashmarks on the lower stadia for quick windage corrections, despite the lack of a full windage tree.

Viper® PST™ Gen II p. 33



RETICLES

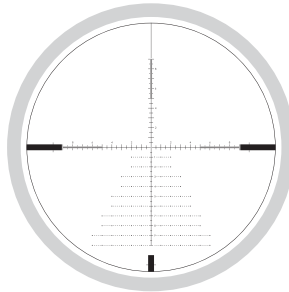


EBR-2B MOA/MRAD

GLASS-ETCHED ILLUMINATED

The EBR-2B is a first focal plane ranging reticle using MOA or MRAD-based subtension lines for ranging, holdover, and windage corrections. A windage tree in the lower two quadrants offers quick windage corrections and holdovers at distance.

Razor® HD p. 30

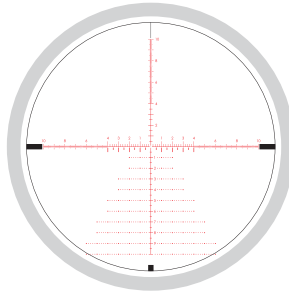


EBR-2C MOA/MRAD

GLASS-ETCHED

Combining the utility of a hashmark reticle for ranging and holdovers with the fast, easy windage corrections of a windage tree, the first focal plane EBR-2C fits right in with long-range precision and competition shooters.

Diamondback® Tactical p. 38

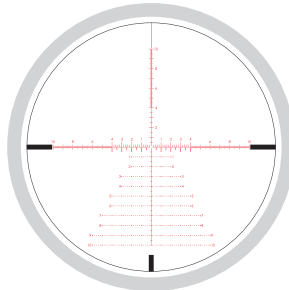


EBR-7B MOA/MRAD

GLASS-ETCHED ILLUMINATED

The EBR-7B is a hashmarked ranging reticle available in first focal plane, packed with useful subtension data for long-range competition shooting or hunting. A windage tree in the lower two quadrants is perfect for fast follow-up corrections for both wind and elevation.

Razor® HD AMG® p. 23



EBR-7C MOA/MRAD

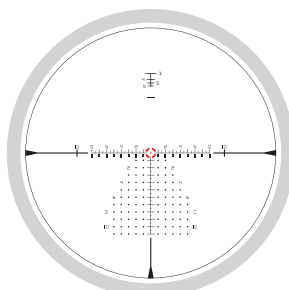
GLASS-ETCHED ILLUMINATED

The EBR-7C is a hashmarked ranging reticle available in first focal plane, packed with useful subtension data for long-range competition shooting or hunting. Hashmarks provide ultra-precise measurements, and a windage tree in the lower stadia have moved to the outside of the windage dots for less obstruction around the vertical stadia itself.

Razor® HD Gen II p. 26

Viper® PST™ Gen II p. 33

Strike Eagle® p. 37

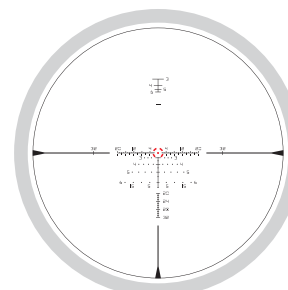


EBR-9 MRAD

GLASS-ETCHED ILLUMINATED

Designed for use in close-quarters and shooting, the EBR-9 reticle can be used to effectively determine ranges, holdovers, and windage corrections.

Razor® HD Gen III p. 25



EBR-9 BDC MOA

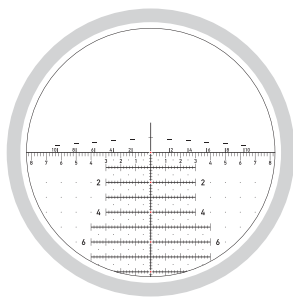
GLASS-ETCHED ILLUMINATED

Designed for use in close-quarters and long-range shooting, the EBR-9 reticle adds Bullet Drop Compensation for accurate shots on targets of known distance.

Razor® HD Gen III p. 25



RETICLES

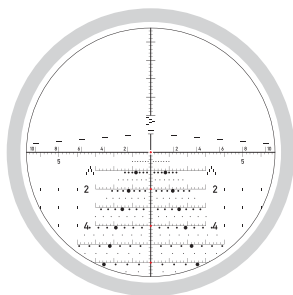


HORUS™ H59™ MRAD

GLASS-ETCHED ILLUMINATED

An MRAD-based reticle with an incredible variety of accommodations for bullet-drop, wind corrections, spotting, and ranging. Designed for long-range precision shooters.

Razor® HD Gen II p. 26

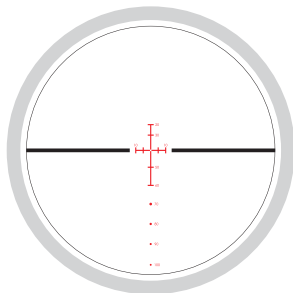


HORUS™ TREMOR3™ MRAD

GLASS-ETCHED ILLUMINATED

An MRAD based reticle built for long-range precision and even faster transitions, this reticle gets you all the accommodations you need for bullet-drop, wind corrections, spotting, and ranging.

Razor® HD Gen II p. 26

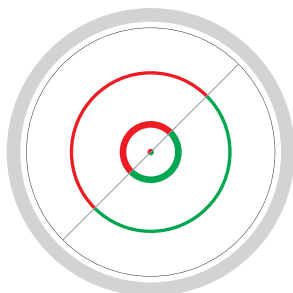


XBR-2® MOA

GLASS-ETCHED RED/GREEN ILLUMINATED

Designed specifically for use with crossbows. Establish your zero at 40 yards, and you instantly have accurate subtensions from 20-100 yards for 275-450 FPS crossbows.

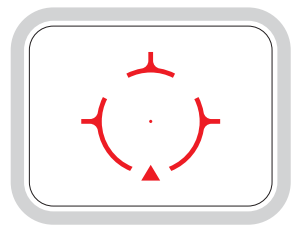
Crossfire® II p. 40



DRT MOA

Designed for rapid shooting at close distances, the dual ring design pulls the eye into instant alignment with the reticle center and target.

Spitfire™ AR p. 63



EBR-CQB 1 MOA

The clean, highly versatile, purpose-built reticle creates optimal target engagement in a wide range of scenarios.

AMG® UH-1® Gen II p. 53







VORTEX NATION™ BLOG

SHOOTERS, HUNTERS, NATURE LOVERS. WELCOME HOME.

Where's the one place you can learn about barrel harmonics, running a red dot on your pistol, and the perfect way to cook a dove?

From professional guides to pro shooters, passionate outdoorsmen to long-range rifle nerds, the people who write for the Vortex Nation™ Blog are also the people who read it. No matter what draws you to the range or into the woods, we've got the fresh thinking and expert advice you need to make more of your time outside.

So if you live to hunt, if range day puts a big old smile on your face, or if you want to learn how to better prepare the game we all love, the Vortex Nation™ Blog belongs to you.

Head to the Vortex Nation™ Blog and arm yourself with know-how ▶ vortexoptics.com/blog



10 TIPS TO UP YOUR GLASSING GAME

INTRO TO THE SHOOTING SPORTS

HOW TO BUILD YOUR OWN GUN RANGE

DO COMPETITION SHOOTING SKILLS TRANSLATE TO SELF-DEFENSE SHOOTING SKILLS?

GETTING THE MOST OUT OF COMPETITION GUNS

THINKING OF PUTTING A RED DOT ON YOUR TURKEY GUN? DO IT. OPTICS ON TURKEY GUNS ARE BECOMING MORE AND MORE POPULAR, FOR THE SAME ADVANTAGES THEY PROVIDE TACTICAL AND COMPETITIVE SHOOTERS: EASIER SIGHT...



JERKY RECIPES WITH JEREMIAH DOUGHTY

5 QUESTIONS WITH PRO TUCKER SCHMIDT

HOW TO HUNT SUCCESSFULLY WITH FAMILY AND FRIENDS

DOVE HUNTING RECIPES

PRO TIP: EARLY MORNING

DO YOU EVEN NEED A FIRST FOCAL PLANE OPTIC?

WHAT MAKES GREAT LOW-LIGHT PERFORMANCE? THE OPTICAL SYSTEM DESIGN, LENS DESIGN, AND COATINGS ON THE LENSES ARE WHAT DETERMINE HOW GOOD AN OPTIC IS IN LOW LIGHT. PRETTY SIMPLE, RIGHT? WELL, NOT NECESSARILY...

LET'S TALK BURGERS, WILD GAME BURGERS

WHY YOU SHOULD PUT A RED DOT ON YOUR PISTOL

WHAT RIFLESCOPE MAGNIFICATION SHOULD YOU GET?

WHY YOU MISSED THAT DEER

ARCHERY 101

GAS GUN V. BOLT

ONE THING BOW HUNTERS AND LAND MANAGERS CAN DO TO SEE MORE DEER. EDGE-FEATHERING — OR, SIMPLY CREATING A GRADUAL TRANSITION BETWEEN TWO DIFFERENT HABITAT TYPES — IS NOT A COMMONLY...



PRO TIP: OPTICS SELECTION FOR A MOUNTAIN HUNT



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WHO IS VORTEX NATION™?

You are, of course. But so is that cousin you only talk to on holidays, that person you nod to at work, and other strangers you see every day.

In today's rapidly changing world, more people than ever are finding a home at the range, in the woods, and on the mountains, learning to defend their families, finding joy in the shooting sports, and understanding there's no better meal than the meal you harvest with your own two hands.

Let's commit to making sure every new shooter and lover of the outdoors is welcome here. Let's share our passion not just with our families, but with people who might be discovering the thrill of the outdoors for the first time. Let's be the guides and mentors a new generation needs to fall in love with the wild places we hold dear.

This is Vortex Nation™, and there are no strangers here.

Want to join Vortex Nation™? Just scan the QR code to start getting updates on new products, exclusive content, and discounts on Vortex Wear, or join at ▶ VortexOptics.com/vortex-nation





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