



# RAZOR® HD LH LIGHT HUNTER RIFLESCOPES

Top-tier glass and precision machining in an ultra-sleek, lightweight package define the Razor® HD LH™. Simple, yet elegant, this riflescope is built to exceed expectations—no matter the person or extreme hunts they take it on.

HD (High Density) extra-low dispersion glass, XR Plus premium fully multi-coated lenses and ArmorTek® on exterior lenses combine to deliver stunning image quality. Tack-sharp resolution from edge to edge, coupled with its ultra-forgiving eyebox, serves up a sight picture nothing short of impressive.

> The HSR-4 BDC and G4-BDC reticles are super clean, yet highly versatile, for optimal target acquisition and pinpoint accuracy.



▶ Precision-Glide Erector System This system ensures the components in the zoom lens mechanism glide smoothly and cleanly through all magnification ranges.



ully multi-coated lenses deliver the highest level





► HD (HIGH DENSITY)

definition images.

remium extra-low dispersion glass lelivers the ultimate in resolution nd color fidelity, resulting in high-

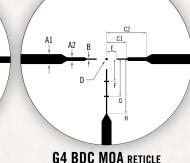
sкu	MAGNIFICATION X OBJECTIVE LENS	RETICLE OPTIONS	WEIGHT	LENGTH	EYE RELIEF (MAX POWER)	FIELD OF VIEW @ 100 YARDS	TUBE SIZE	TURRET STYLE
RZR-1589	- 3-15 x 42	G4 BDC MOA	10 F	10 5"	2.0"	25.0. 7.1/	1"	
RZR-1572	- 3-15 X 42	HSR-4 MOA	- 16.5 oz 13.5" 3.8" 3		35.8 - 7.1'	33.0 - 7.1 1		
RZR-1565	2.10 - 40	G4 BDC MOA	- 15.4 oz 12.5" 3.8"		EC 0 10 0	1"	Capped	
RZR-1558	- 2-10 x 40	HSR-4 MOA	13.4 02	12.5	3.0	56.2 - 10.8'	1	
RZR-6638	1.5-8 x 32	G4 BDC MOA	13.4 oz	11.0"	3.8"	72.2 - 13.2'	1"	
Dual Use: Shooti	ng Tactical / Hunting							

VISIT: www.VortexOptics.com or page 47 for more detailed information.



HSR-4: The ideal reticle for those who want enough information to utilize personalized ballistics, but prefer a clean look. A fine crosshair, coupled with MOAbased hash-marks (2 MOA spacing), promotes fast and accurate shots from close to extended ranges.

RETICLE SUBTENSIONS A B C D E F HSR-4 RETICLE 3-15 x 42 
 - 10.0
 1.5
 2.0
 4.0
 2-10 x 40



G4 BDC MOA: Combining a target dot for pinpoint aiming, BDC hash-marks for longer range shots, and hints of the classic German Number 4, the new G4 BDC is the perfect blend of features and functionality. Slightly heavier sub-tensions make it easy to pick up in low light conditions. Simple, versatile, effective that's the G4 BDC.

RETICLE Subtensions	A1	A2	В	C1	C2	D	E	F	G	Н
3-15 x 42	1.5	.5	.175			.35				118
2-10 x 40	2.0	.75	.25	4.0	8.0	.50	2.0	4.5	7.5	11.0
1.5-8 x 32	2.5	.95	.30			.625	301	ШÜ		113

NOTE: Reticle images shown for representation only. Reticle image varies between scope models depending on magnification and reticle plane. The letters on the reticle images refer to the subtensions in the chart.

## VIPER "HSLR" & HS"

Want to extend your effective shooting range at distances where bullet drop and wind drift become critical? Take a look at this series of Viper® scopes. HSLR™ riflescopes feature exposed tactical elevation turrets built for dialing shots at extended ranges, while low-profile, capped windage turrets maintain the scopes' sleek lines. The HS™ comes well-equipped with generous eye relief, high-quality extra-low dispersion glass and an advanced optical system with 4x zoom range for easy target acquisition and clear view.

Choose either of these models to guarantee that when the moment of truth arrives, you can take full advantage of the opportunity.



▶ Precision-Force Spring System Premium-quality components in the erectorspring system ensure maximum repeatability and ease of adjustment.

**▶** Shockproof

Customizable Rotational Stop (CRS) on HSLR models aids in

return to zero after dialing temporary elevation correction.



ully multi-coated lenses deliver the ighest level of light transmission or maximum brightness.



Extra-low dispersion glass ncreases resolution and olor fidelity, resulting in crisper, sharper images.



► ARMORTEK®

otects the exterior lenses n scratches, oil, and dirt.

#### ▶ Precision-Glide Erector System

SKU

This system ensures the components in the zoom lens mechanism glide smoothly and cleanly through all magnification ranges.

	MINISTER IN	Galleria.		
Ar	► Argon	Gas	Purged	}

MAGNIFICATION X RETICLE TURRET **OBJECTIVE LENS** OPTIONS Viner HSLR 15.5" VHS-4315-LR 6-24 x 50 FFP XLR MOA 22.4 oz 17.8 - 5.1' Capped Windage **Tactical Elevation** VHS-4307-LR 4-16 x 50 21.4 oz 13.7" Dead-Hold BDC Viper HS 4-16 x 50 20.4 oz VHS-4307 27.4 - 7.4' VHS-4305 4-16 x 44 18.4 oz Dead-Hold BDC Capped VHS-4303 2.5-10 x 44 16.5 oz 12.0" 47.0 - 10.9'

**▶ CRS™ Zero Stop** 

Dual Use: Shooting Tactical / Hunting

VISIT: www.VortexOptics.com or page 48 for more detailed information.





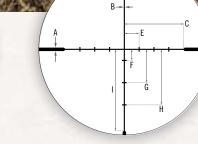
XLR MOA: A hash-mark based, long range reticle with wind drift dots and 1 MOA wind reference subtensions. Good for long-range shooters dialing for bullet drop and holdover.

> XLR MOA RETICLE A B C D1 D2 D3 S X1 X2 X3 6-24 x 50 FFP | 2.08 .1 36.0 .17 .26 .1 .3 1 .5 2

\_\_\_ D2

XLR MOA RETICLE

NOTE: Reticle images shown for representation only. Reticle image varies between scope models depending on magnification and reticle plane. The letters on the reticle images refer to the subtensions in the chart.



DEAD-HOLD® BDC: A customized hashmark design which helps eliminate the guesswork on holdover and windage corrections. This reticle is perfect for hunting and shooting at varying ranges.

DRIVING TACKS TO DROPPING RACKS

#### DEAD-HOLD® BDC RETICLE

RETICLE	DEAD-HOLD BDC MOA									
SUBTENSIONS	Α	В	С	E	F	G	Н	-1		
4-16 x 50	.469	69 .156								
4-16 x 44	.469	.156	8.0	2.0	1.5	4.5	7.5	11.		
2.5-10 x 44	.75	.25								







Fully multi-coated lenses deliver the ighest level of light transmission for maximum brightness.





▶ Precision-Glide Erector System

▶ Precision-Force Spring System Premium-quality components in the erector-

spring system ensure maximum repeatability

- and ease of adjustment.

This system ensures the components in the zoom lens mechanism glide smoothly and cleanly through all magnification ranges.



rotects the exterior lenses om scratches, oil, and dirt.

SKU	MAGNIFICATION X OBJECTIVE LENS	RETICLE OPTIONS	WEIGHT	LENGTH	EYE RELIEF (MAX POWER)	FIELD OF VIEW @ 100 YARDS	TUBE SIZE	TURRET STYLE
VPR-M-06MD	6.5-20 x 50 PA	Mil-Dot	21.6 oz	14 4"	2 1"	174 60'	20mm	Tall
VPR-M-06BDC	6.5-20 X 50 PA	Dead-Hold BDC	21.0 02	14.4	3.1"	17.4 - 6.2'	30mm	Capped

Dual Use: Shooting Tactical / Hunting

US Patent 7,937,879

VISIT: www.VortexOptics.com or page 48 for more detailed information.



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# DIAMORDBACK® HIGH PERFORMANCE RIFLESCOPES

The Diamondback® line personifies the classic American hunting riflescope. Built for maximum durability in a 1-inch body, available in a wide variety of configurations, Argon gas purged, and o-ring sealed. The easily accessible side focus and parallax adjustment keeps a slim profile. XD extra-low dispersion glass increases resolution and color fidelity, and the XR fully multi-coated lenses maximize every minute of shooting light—all for an extremely reasonable price. Loaded with high-performance features discerning hunters truly appreciate—game animals, not so much.





ully multi-coated lenses deliver the



▶ Precision-Glide Erector System

This system ensures the components in the zoom lens mechanism glide smoothly and cleanly through all magnification ranges.

SKU	MAGNIFICATION X RETICLE OBJECTIVE LENS OPTIONS		WEIGHT	LENGTH	EYE RELIEF (MAX POWER)	FIELD OF VIEW @ 100 YARDS	TUBE SIZE	TURRET STYLE
Diamondback H	<del>I</del> P					10.0		
DBK-10019	4-16 x 42	Dood Hold BDC	10 0 07	10 5"	4.0"	23.8 - 6.1'	1"	Cannad
DBK-10015	3-12 x 42	- Dead-Hold BDC 18.0 oz 12.5		12.5	4.0	28.8 - 8.2'	1	Capped
Diamondback								
DBK-04-BDC	4-12 x 40	Dead-Hold BDC	14.6 oz	12.0"	3.1"	32.4 - 11.3'		
DBK-03-BDC	3.5-10 x 50	Dead-Hold BDC	16.2 oz	12.5"		35.8 - 13.5'		
DBK-M-01P	- 3-9 x 40 -	V-Plex	- 14.4 oz	11.7"	3.3"	44.6 - 14.8'		
DBK-01-BDC	- 3-9 X 40 -	Dead-Hold BDC	- 14.4 UZ	11./		44.0 - 14.0	1"	Capped
DBK-RIM	2-7 x 35 Rimfire	V-Plex	14.2 oz	11.6"	3.1"	64.3 - 19.3'		
DBK-08-BDC	1.75-5 x 32	Dead-Hold BDC	12.8 oz	10.2"	3.5"	68.3 - 23.1'		



Dual Use: Shooting Tactical / Hunting

VISIT: www.VortexOptics.com or page 49 for more detailed information.



SUBTENSIONS A B C 3-9 x 40 1.0 .2 4.8 1.2 .3 6.1 2-7 x 35

DEAD-HOLD® BDC RETICLE

4-16 x 42

8.0 2.0 1.5 4.5 7.5 11.0 3-12 x 42 4-12 x 40 .6 .15 3.5-10 x 50 8.0 2.0 1.5 4.5 7.5 11.0 3-9 x 40 1.75-5 x 32 | 1.44 .36

NOTE: Reticle images shown for representation only. Reticle image varies between scope models depending on magnification and reticle plane. The letters on the reticle images refer to the subtensions in the chart.

V-PLEX RETICLE



High performance meets economical. Clear, tough, and bright, our popular Crossfire® II line is built to exceed the performance standards of similarly priced riflescopes. Long eye relief, a fast-focus eyepiece, fully multi-coated lenses, and resettable MOA turrets are hallmarks of the series.

FULLY MULTI-COATED

Anti-reflective lens coatings

on every lens surface allow



SKU	MAGNIFICATION X OBJECTIVE LENS	RETICLE OPTIONS	WEIGHT	LENGTH	EYE RELIEF (MAX POWER)	FIELD OF VIEW @ 100 YARDS	TUBE SIZE	TURRET STYLE
CF2-31045	6-24 x 50 A0	Dead-Hold BDC	23.6 oz	14.5"	4.0"	17.3 - 4.4'		
CF2-31039	4-16 x 50 A0	Deau-Hold BDC	23.0 02	14.2"	3.7"	25.3 - 7.0'	30mm	Cannad
CF2-31049	3-12 x 56 A0	V Drito	21.1 oz	14.3"	3.5"	36.7 - 9.2'	3011111	Capped
CF2-31037	1-4 x 24	V-Brite	16.0 oz	9.8"	4.0"	96.1 - 24.1'		- 3

Dual Use: Shooting Tactical / Hunting



Look for this scope up on a mountain or out in the field helping to bag dinner. The 1-inch Crossfire® II line offers all the same features of our 30mm configurations while offering an expanded line of magnifications and reticle choices. You may like the great price but you'll love the long eye relief, fast focus eyepiece, resettable turrets, fully multi-coated lenses, and the solid, high performance.



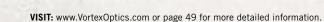
SKU	MAGNIFICATION X OBJECTIVE LENS	RETICLE OPTIONS	WEIGHT	LENGTH	EYE RELIEF (MAX POWER)	FIELD OF VIEW @ 100 YARDS	TUBE SIZE	TURRET STYLE
CF2-31033	- 6-18 x 44 AO —	Dead-Hold BDC	19.6 oz	- 13.5"	3.7"	15.2 - 5.3'		
CF2-31029	6-16 X 44 AU —	V-Brite	– 20.6 oz	15.5	3.7	13.2 - 3.3		
CF2-31023	4-12 x 50 AO		- 20.6 dz	14.2"		25.7 - 8.4'		
CF2-31019	4-12 x 40 AO	Dead-Hold BDC	19.2 oz	13.6"	- 3.9"			
CF2-31015	4.10 v.44	V Play 17.2 oz 13.		12 1"	- 3.9	24.7 - 8.4'		
CF2-31013	- 4-12 x 44 —	V-Plex	V-Plex					
CF2-31011	2.0 v.50	Dead-Hold BDC	18.4 oz	10 7"		32.0 - 12.9'		
CF2-31027	- 3-9 x 50 —	V-Brite	18.6 oz	12.7"		32.0 - 12.9	1"	Capped
CF2-31005	V-=, VA	V-Plex	– 15.0 oz		3.8"			
CF2-31007	3-9 x 40	Dead-Hold BDC	- 15.0 02	12.0"		34.1 - 12.6'		
CF2-31025		V-Brite	16.2 oz					
CF2-31002	2-7 x 32 Scout	V-Plex	12.0 oz	10.5"	9.45"	18.3 - 5.2'		
CF2-31003	27 , 22	Dead-Hold BDC						
CF2-31001	- 2-7 x 32 —	V-Plex	14.3 oz	11.3"	3.9"	42.0 - 12.6'		
CF2-31001R	2-7 x 32 Rimfire	V-Plex						
Dual Use: Shootii	ng Tactical / Hunting	Sec.						

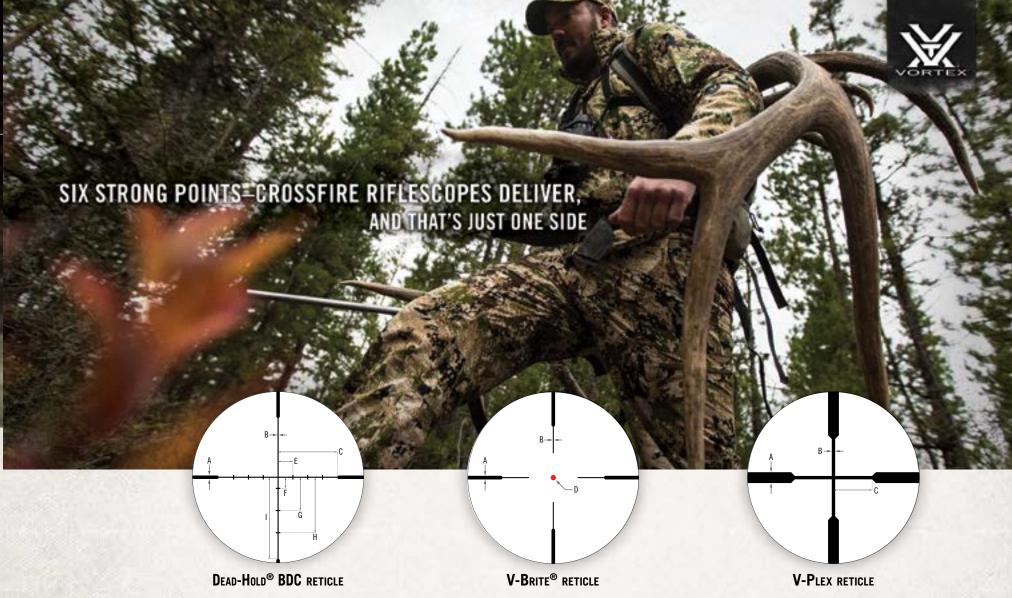


▶ FULLY MULTI-COATED

Anti-reflective lens coatings on every lens surface allow for brighter views.







RETICLE	DEAD-HOLD BDC MOA									
SUBTENSIONS	Α	В	С	E	F	G	Н	- 1		
6-18 x 44 AO	.4	.1								
4-12 x 50 A0										
4-12 x 40 A0	- 1									
4-12 x 44	.8	.3	8.0	2.0	1.5	4.5	7.5	11.		
3-9 x 50										
3-9 x 40										
2-7 x 32	.9	.4								

RETICLE	V-E	BRITE M	OA	RETICLE			
SUBTENSIONS	Α	В	D	SUBTENSIO			
6-18 x 44 AO	.45	.12	4.0	4-12 x 44			
3-9 x 50	.9	.25	.65	3-9 x 40			
3-9 x 40	.9	.25	.05	3-3 X 40			
				2-7 x 32			

 
 RETICLE SUBTENSIONS
 V-PLEX MOA

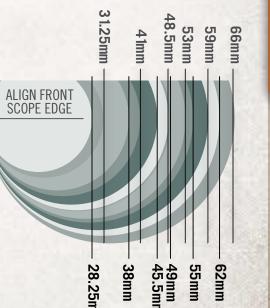
 A
 B
 C

 4-12 x 44
 .8
 .3

 3-9 x 40
 .8
 .3

.57 .17

**NOTE:** Reticle images shown for representation only. Reticle image varies between scope models depending on magnification and reticle plane. The letters on the reticle images refer to the subtensions in the chart.





RIFLESCOPE ACCESSORIES

This is the last flip cap you will ever need! Virtually indestructible, this cap fits snugly on nearly all Vortex riflescopes and features a snap flat spring to keep your line of sight unobstructed.

Rifle ranges the world over are littered with broken flip caps. This is one cap you will most likely never see in a flip cap bone yard. The eyepiece cap has three stop positions. The first is vertical, to put your Dope Disk® (optional accessory) literally right in your face. The second at 45° and the third at 90° to lay flat.



## DEFENDER® FLIP CAP EYEPIECE:

**E-10** 41.5 - 46mm (1.6 - 1.8 in)



41.5mm

## OBJECTIVE:

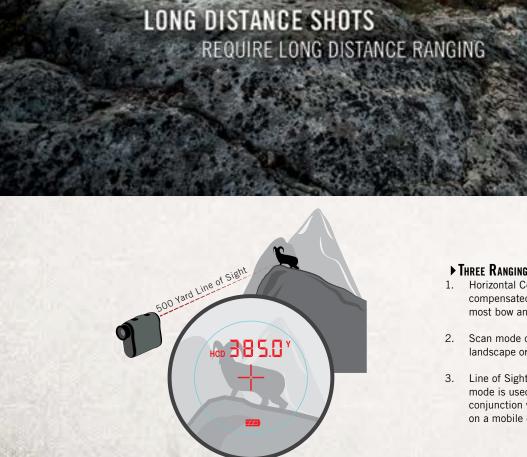
**0-24** 28.25 - 31.25mm (1.1 - 1.2 in) **0-32** 38 - 41mm (1.5 - 1.6 in) **0-40** 45.5 - 48.5mm (1.8 - 1.9 in)

**0-40** 45.5 - 48.5mm (1.8 - 1.9 **0-44** 49 - 53mm (1.9 - 2.1 in)

**0-50** 55 - 59mm (2.2 - 2.3 in)

**0-56** 62 - 66mm (2.4 - 2.6 in)





HCD CORRECTED SHOOT-TO RANGE

#### THREE RANGING MODES

- 1. Horizontal Component Distance (HCD) mode displays the angle compensated distance to the target. This is the primary mode used by most bow and rifle hunters.
- 2. Scan mode displays distance readings when panning across a landscape or tracking a moving animal.
- 3. Line of Sight (LOS) mode displays the actual line of sight range. This mode is used by shooters making high-angle/long-distance shots in conjunction with angle corrected ballistic range cards or an application on a mobile device. Display also shows an incline angle.

# RANGER® 1500

The lightweight Ranger® 1500 is an easy to use rangefinder with a clean display and highly intuitive menu that quickly and accurately ranges targets from 9 to 1500 yards. The Primary Horizontal Component Distance (HCD) mode provides an angle-compensated distance reading because we know you don't always hunt on flat ground.

Three brightness settings coupled with fully multi-coated lenses deliver maximum light transmission and easy viewing in varying light conditions. Add o-ring seals and you get waterproof performance as well. The 1500 can be set to read in yards or meters and is perfect for hunters, target shooters, bow hunters, and other sportsmen who need to know accurate ranges.



SKU	MAGNIFICATION	OPTICAL LENS DIAMETER	EYE RELIEF	FIELD OF VIEW @ 1000 YARDS / DEGREES	MIN. REFLECTIVE RANGE	MAX REFLECTIVE RANGE	WEIGHT	SIZE	
RRF-151	6x	22mm	17mm	315' / 6.0°	9 yards	1500 yards	7.7 oz	3.0 x 3.9"	F



SKU	MAGNIFICATION	OPTICAL LENS DIAMETER	EYE RELIEF	FIELD OF VIEW @ 1000 Yards / Degrees	MIN. REFLECTIVE RANGE	MAX REFLECTIVE RANGE	WEIGHT	SIZE	
RRF-101	6x	22mm	17mm	315' / 6.0°	11 yards	1000 yards	7.7 oz	3.0 x 3.9"	



# RAZOR®HD FULL SIZE ROOF PRISM BINOCULARS

Razor® HD binoculars, the pinnacle of the Vortex line, offer the ultimate combination of advanced optical technologies and premium components in a lightweight, ergonomic package. Hand-selected prisms and HD glass deliver unparalleled resolution and color fidelity, resulting in astonishingly sharp, high-definition images. Lenses fully multi-coated with Vortex's proprietary XR Plus anti-reflective coatings guarantee maximum brightness and glassing confidence during critical low-light periods. The true open hinge design, coupled with its magnesium chassis, makes the Razor lightweight, ultra-tough, and optimally ergonomic. Give yourself the edge with the Razor HD.



#### ► XR<sup>™</sup> Plus

ully multi-coated lenses deliver the highest level f light transmission for maximum brightness.



#### ► APO (APOCHROMATIC)



#### ► HD (HIGH DENSITY)

nium glass delivers the olor fidelity, resulting in high-definition images.





▶ PLASMA TECH Plasma Tech provides unparalleled coating durability and performance.



#### ► DIELECTRIC COATING



SKU	MAGNIFICATION X OBJECTIVE LENS	CLOSE FOCUS DISTANCE	WEIGHT	HEIGHT X WIDTH	EYE RELIEF ADJUSTMENT	FIELD OF VIEW 1,000 YDS/DEGREES	INTERPUPILLARY DISTANCE	
RZB-2104	12 x 50	10.0'	28.7 oz	6.8 x 5.1"	15.5mm	285.0' / 5.4°	- 57-74mm	
RZB-2103	10 x 50	10.0	28.1 oz	0.6 X 3.1	- 16.5mm -	315.0' / 6.0°	37-7411111	
RZB-2102	10 x 42	6.0'	24.8 oz	5.9 x 5.1"	10.511111	362.0' / 6.9°	- 55-75mm	
RZB-2101	8 x 42	0.0	24.2 oz	5.9 X 5.1	17.5mm	388.0' / 7.4°	- 55-7511111	







The ultimate long-range, tripod binocular, the Kaibab® HD leaves little to the imagination. Pushing the performance envelope, the Kaibab HD offers the power and optical features you need to dissect the landscape in search of big game. Superior images, stunning resolution, and, of course, incredible power. When it comes to do-it-yourself, or else, the Kaibab HD delivers.





Ily multi-coated lenses er the highest level light transmission for maximum brightness.







▶ PLASMA TECH

lasma Tech provides nparalleled coating durability and performance.





► ArmorTek®

SKU	MAGNIFICATION X OBJECTIVE LENS	CLOSE FOCUS	WEIGHT	HEIGHT X WIDTH	EYE RELIEF Adjustment	FIELD OF VIEW 1,000 YDS/DEGREES	INTERPUPILLAR DISTANCE
KAI-5603	20 x 56	23.0'	12 E az	7.7 x 5.7"	15.0mm	168' / 3.2°	- 60-76mm
KAI-5602	15 x 56	23.0	43.3 02	7.7 X 3.7	13.011111	215' / 4.1°	- 60-76111111

VISIT: www.VortexOptics.com for more detailed information.



## VULTURE HD

Increase your spot-to-walk ratio with the Vulture® HD 15x56. Perfect for wide-open western landscapes where intense scrutiny of game-hiding terrain is a primary hunting tactic. Phase-corrected roof prisms, fully multi-coated lenses with proprietary XR anti-reflective coatings deliver super-bright images, edge-to-edge. Ultra-hard ArmorTek® coating on exterior lenses protects against scratches, oil, and dirt. Long-range tripod glassing is an art, let the Vulture HD be your brush.



▶ HD (HIGH DENSITY)

lor fidelity, resulting i





▶ DIELECTRIC COATING

rovide bright, clear, co accurate images.



MAGNIFICATION X CLOSE OBJECTIVE LENS FOCUS INTERPUPILLARY FIELD OF VIEW WEIGHT HEIGHT X WIDTH 1,000 YDS/DEGREES DISTANCE 59-74mm VR-1556 15 x 56 15.0' 43.6 oz 7.6 x 5.8" 15.0mm 226' / 4.3°



SKU	MAGNIFICATION X OBJECTIVE LENS	CLOSE FOCUS	WEIGHT	HEIGHT X WIDTH	EYE RELIEF ADJUSTMENT	FIELD OF VIEW 1,000 YDS/DEGREES	INTERPUPILLARY DISTANCE
VPR-5015-HD	15 x 50	8.2'	28.4 oz		16.0mm	210' / 4.0°	
VPR-5012-HD	12 x 50	8.5'	28.0 oz	6.7 x 5.2"	15.0mm	252' / 4.8°	
VPR-5010-HD	10 x 50	8.2'	28.4 oz		19.5mm	278' / 5.3°	59-75mm
VPR-4210-HD	10 x 42	5.1'	24.6 oz	5.8 x 5.3"	16.5mm	319' / 6.1°	
VPR-4208-HD	8 x 42	5.1	24.2 oz	5.6 X 5.5	20.0mm	347' / 6.6°	

WARNING -VIPER BINOCULARS MAY CAUSE SORE MUSCLES AND FULL FREEZERS VISIT: www.VortexOptics.com for more detailed information.



# FUR HD MID SIZE ROOF PRISM LASER RANGEFINDING BINOCULAR

High quality optics and long-distance ranging capability come to together in our allnew Fury™ HD 10x42 Laser Rangefinding Binocular. Convenience, speed, efficiency, and valuable dual-purpose functionality—all the advantages of a high-definition binocular perfectly paired with an angle compensated rangefinder. Right side controls are simple to use and easily manipulated with a single hand – leaving your other hand free to hold your bow, rifle, or other important piece of equipment.













SKU	MAGNIFICATION X OBJECTIVE LENS	CLOSE FOCUS	WEIGHT	HEIGHT X WIDTH	EYE RELIEF ADJUSTMENT	MIN. REFLECTIVE RANGE	MAX REFLECTIVE RANGE	FIELD OF VIEW 1,000 yds/degrees	INTERPUPILLARY DISTANCE
*LRF300	10x42	20'	31.8 oz	5.75 x 5.9"	16.0mm	10 yards	1600 yards	314.4' / 6.0°	54-69mm





THE ONLY THING IT CAN'T DO

IS BRING YOUR TRUCK CLOSER



# DIAMORDBACK® FULL/MID/COMPACT SIZE ROOF PRISM BINOCULARS

The legendary Diamondback® binocular series redefines the price vs performance ratio in the world of optics. The short-hinge design and upscale sleek look grabs the eye and leaves more room for your hands—making them physically easy to hold. The optical system offers stunning views and impressive low-light performance. An ultra-wide field of view lets you efficiently cover ground and acquire subjects with ease.



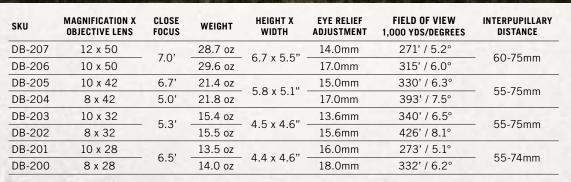
► FULLY MULTI-COATED nti-reflective lens coatings n every lens surface allow for



► Argon Gas Purged



Rubber Armor







GET THE ULTIMATE CLOSE-UP



► FULLY MULTI-COATED

Anti-reflective lens coatings

on every lens surface allow

for brighter views.

RAPTOR

Porro prism performance in a mid-

size, wide-angle design, the Raptor™

binocular offers bright, crisp images

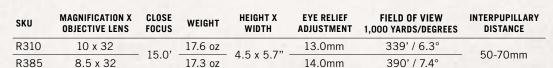
with excellent color fidelity—even

in low light conditions. The design

accommodates a wide range of

interpupillary distances to fit

anyone in the family.







Need a quality, performance-driven binocular that won't break the bank? Enter the Crossfire® series—their optical system, housing, and aesthetic push into a realm previously unheard of at this price point. Fully multicoated lenses promote impressive optical quality, while a wide field of view and enhanced depth of field ensure optimal subject acquisition. They may be the entry point in our roof prism lineup, but there is nothing entry-level about these binoculars.







## provides a secure,

MAGNIFICATION X CLOSE OBJECTIVE LENS FOCUS EYE RELIEF FIELD OF VIEW INTERPUPILLARY DISTANCE ADJUSTMENT 1,000 YDS/DEGREES CF-4304 273' / 5.2° 12 x 50 6.6 x 5.4" 15mm 9.8' 30.3 oz 60-76mm CF-4303 10 x 50 6.7 x 5.4" 17mm 320' / 6.1° CF-4302 10 x 42 8.0' 23.3 oz 6.0 x 5.1" 15mm 325' / 6.2° 56-76mm 393' / 7.5° CF-4301 7.5' 23.5 oz 6.2 x 5.1" 17mm 8 x 42



NITROGEN GAS

VISIT: www.VortexOptics.com for more detailed information.

**▶** UTILITY CLIP

(36mm model only)

## **ELEVATE YOUR VIEW** WITH THE VANQUISH

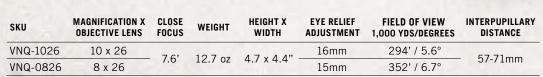
# **VANQUISH®**

COMPACT REVERSE PORRO PRISM BINOCULARS

If this compact traveler could talk, it would tell of world-class adventures and probably brag about its forward-thinking engineering and on-the-go features—such as its wide field of view and reverse Porro prism design with fully multi-coated optics. Add in its lean 12.7 ounce weight and most would agree the Vanquish® is the perfect companion.



provides a secure,



VISIT: www.VortexOptics.com for more detailed information.







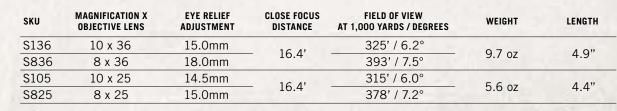
This compact, easy-to-carry monocular delivers quality viewing for outdoor enthusiasts who wish to bring nature a bit closer. The integral utility clip (36mm model only) attaches to flat-edged surfaces for quick external access. From bow hunters to backpackers, the Solo makes a great addition to any gear list.



**BECAUSE YOU EAT MEAT** AND LOVE VEGETARIANS

SOLO®

close at hand with the Solo® monocular.



# RAZOR®HD SPOTTING SCOPES

Setting a new standard in high-end optical technologies, precision craftsmanship, and ultrasleek functionality, the newly engineered Razor® HD is one of the finest spotting scopes on the market. Period. Premium HD glass lens elements, painstakingly hand selected and precisionground to exacting standards, deliver brilliant, razor-sharp, true-to-life views. Advanced optical elements eliminate aberrations for distortion-free, flat field images with unmatched edge-toedge sharpness, remarkable clarity, resolution, and color accuracy. Fully multi-coated with XR coatings, our new spotters yield maximum light transmission—an extremely critical attribute when finding and evaluating game in low light.





MORTEX

ver the highest level ight transmission for



#### Argon Gas Purged

Rubber Armor



#### HD (High Density)

mium glass delivers the ultimate esolution and color fidelity, ulting in high-definition images



#### DIELECTRIC COATING

lti-layer prism coatings provide ght, clear, color-accurate images.



angles. (65mm and 85mm models



urability and performance.



SKU	MAGNIFICATION X OBJECTIVE LENS	EYEPIECE POSITION	EYE RELIEF ADJUSTMENT	CLOSE FOCUS	FIELD OF VIEW 1,000 yards/degrees	SCOPE WEIGHT	SCOPE LENGTH
*RS-85A	- 27-60 x 85	Angled	- 16.7-17.0mm	16.4'	117-68' / 2.2-1.3°	65.6 oz -	15.5"
*RS-85S	- 27-60 x 63	Straight	- 16.7-17.0111111	10.4	117-00 / 2.2-1.3	00.002	16.2"
*RS-65A	- 22-48 x 65	Angled	- 16.7-17.0mm	26.2'	138-84' / 2.7-1.6°	56.8 oz	14.8"
*RS-65S	- 22-46 X 60	Straight	- 16.7-17.011111	26.2	130-04 / 2.7-1.0	30.8 02	15.6"
RZR-50A1	11 22 4 50	Angled	- 16-19mm	C C1	101 001 / 2 0 1 00	0E 0	10.3"
RZR-50S1	- 11-33 x 50	Straight	10-13[[[[]]	6.6'	191-96' / 3.6-1.8°	25.0 oz	11.0"







supplied case when mounted on a tripod. The ability to use the spotter in such low light conditions is fantastic to say the least. The multi-position tripod mount collar accommodates any glassing position. From focus knob to bayonet eyepiece, the construction of this Vortex scope speaks for itself!" —Rockey, Wyoming

Quite simply, this is one of the finest spotting scopes on the market. Our 50mm Razor® HD competes at the highest level of performance! This little powerhouse delivers eye-popping, high-definition images across the entire field of view with no color fringing, resolution degradation, or color fidelity dilution at extreme distances. If you are looking for a packable, lighter weight spotter, this is it.





▶ PICATINNY RAIL

other accessories

Allows easy attachment of red dot sights and

Protects the exterior lenses from scratches, oil, and dirt.

▶ Rubber Armor

trophy without putting a mile on your boots.

Ourable rubber armor provides a secure,



► HD (High Density)

Premium glass delivers the ultimate in resolution and color fidelity, resulting in high-definition images.



▶ ROTATING TRIPOD COLLAR

The collar provides adjustable



► XR™
Fully multi-coated lenses increase light transmission

MAGNIFICATION X EYEPIECE EYE RELIEF CLOSE FIELD OF VIEW SCOPE SKU OBJECTIVE LENS POSITION ADJUSTMENT FOCUS 1,000 YARDS/DEGREES WEIGHT LENGTH 20-15mm 22.0' 110-50' / 2.1-1.0° 67.0 02 66.1 oz 67.0 oz 20-60 x 80 VPR-80S-HD Straight — 20-15mm 16.0' 140-65' / 2.7-1.2° 53.3 oz 52.0 oz 15.8" VPR-65S-HD



led 20-15mm 16.0' 140-65' / 2.7-1.2° ight VISIT: www.VortexOptics.com for more detailed information.



"As a guide, I depend on optics to locate animals, then to make a decision whether or not to pursue the animal. I bought this last summer and used it during bear, antelope, deer, and elk seasons. I am very pleased with the durability, ease of use, and the quality of the scope."—Chris, New Mexico

#### HIGH COUNTRY™ TRIPOD

At just 2.2lbs, the High Country™ is designed for hunting at altitudes where every ounce counts. Three variable leg angles and four section leg locks ensure comfortable viewing from nearly any position.



SKU	MAGNIFICATION X OBJECTIVE LENS	EYEPIECE POSITION	EYE RELIEF Adjustment	CLOSE FOCUS	FIELD OF VIEW 1,000 YARDS/DEGREES	SCOPE WEIGHT	SCOPE Length
DBK-80A1	20-60 x 80 -	Angled	- 16.5-20mm		105-51' / 2.0-1.0°	47.1 07	14.8"
DBK-80S1	20-60 x 60 =	Straight	- 10.5-2011111	- 22'	105-51 / 2.0-1.0	47.1 02	15.7"
DBK-60A1	20-60 x 60 -	Angled	- 14.0-17mm	22	114-51' / 2.2-1.0°	33.8 07	14.0"
DBK-60S1	20-00 X 00 -	Straight	- 14.U-1/IIIII		114-01 / 2.2-1.0	33.6 02	14.4"





"I was looking for a good optic that wouldn't break the bank or my back while hunting high country. This scope was the perfect combination. So many reasonably priced scopes that were 20-60 X 60 were twice the size and weight. This was just as good but small and lightweight enough to carry anywhere." —Treebobby, Washington



Diamondback® spotting scopes come with a zoom eyepiece and a custom view-through case for optimal protection.

## TRIPODS

BINOCULAR



Our ultimate backpacking tripods provide the perfect combination of compact size, lightweight design, rugged build, and fast operation. Plus, the split center column allows you to get close to the ground.

TRIPOD SPECIFICATIONS

MODELS

Pro GT

Summit SS-P

High Country

VTX Car Mount

CWM-SS2 Summit Car Mount 12.3 oz



PRO GT For reliable performance at a great cost, look to the Pro GT. Designed to handle any condition, sturdy anodized legs combined with a rugged 3-way quick-release pan head deliver solid support for your optics.

MINIMUM TO

MAXIMUM HEIGHT

6.3 - 54.5"

5.4"

23.3 - 67.1"

15.0 - 52.3"

WEIGHT

2.0 lbs

4.4 lbs 10 lbs

2.2 lbs 5 lbs

1.2 lbs 5 lbs



HIGH COUNTRY™ Smaller, lighter, and more compact than our Pro GT, the High Country™ is designed for hunting at altitudes where every ounce counts. The variable leg angles and flip lever leg locks makes set-up a snap.

3 Twist

3 Flip-up

Lever

3

LEG

DIMENSIONS

14.0 x 4.5"

5.4 x 3.0"

25.0 x 5.0"

21.0 x 3.8"



SUMMIT™ CAR WINDOW MOUNT Our compact car window mount features an easy-to-manipulate ball head for fast subject acquisition. The quick-release plate allows convenient mounting of optics.



Pan

Ball

Pan

Ball

Pan







(SKU: P400)

Housing your binoculars and protecting them from the elements while keeping them close at hand is imperative when in the field. The Vortex® GlassPak™ binocular harness will do just that. It accommodates a range of full size binoculars, yet keeps them snug and secure. The mesh side pockets hold calls, a lens pen, and other small items needing 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**

(SKU: P300)

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



(SKU: 400) Maximize performance by using the Vortex® tripod adapter to steady viewing on a tripod or car window mount.



UNI-DAPTOR TRIPOD ADAPTER (SKU: UNI-DAP) Vortex's innovative Uni-Daptor is

precision machined and fits any tripod-adaptable binocular. Its slim profile allows it to fit between the barrels of the largest high-powered binoculars, and a quick-release connector allows the binocular to be removed for hand-held use without disconnecting the entire adapter.



ARCHER'S BINOCULAR STRAP (SKU: ARCH)

Keep your binoculars at your side and out of harm's way with the archer's binocular strap.



#### 2X DOUBLER

(SKU: 2X) This handy tool doubles the magnification of most 32mm or larger binoculars and the Recon® monocular to take in details more typically observed through a spotting scope.



#### **BINOCULAR HARNESS**

(SKU: VTHARNESS) Say goodbye to neck strain and keep your binoculars from bouncing against you as you hike down the trail.

\*NEW for 2017

SKU

ST-5

PRO-2



#### FLARE™ ILLUMINATED BUBBLE LEVEL

Everything you ever wanted in a level. Low-signature, rear-facing illumination with three intensity levels ensures optimal visibility in all light conditions. The recessed push-button control is easily accessed from a shooting position. The integrated Picatinny rail mount attaches easily and keeps the level low and trim. It can be mounted and removed with the riflescope on or off your rifle.



This slim, low-profile design allows the Bubblevel™ to be mounted on most scopes without removing the scope from the rifle. It is easily visible without losing the sight picture. Available for 34mm, 30mm, and 1-inch riflescope tubes.

#### **BUBBLE LEVEL**

Designed to maximize accuracy, our bubble level makes it easy to maintain a perfect horizontal hold during extreme-range shooting. Available for 35mm, 34mm, 30mm, and 1-inch riflescope tubes.

#### TORQUE WRENCH MOUNTING KIT

Tighten to the specified torque and not a smidgen more! This tool is easy to operate, simple to set, and offers fast, accurate tension wherever and whenever you need it. The easy to read inch-pound increments ensure you tighten in 1 in/lb increments.



#### DEFENDER® FLIP CAP

New sizes for 2017. This is the last flip cap you will ever need! Virtually indestructible, this cap will fit snugly on nearly all Vortex® riflescopes and features a snap flat spring that will keep your line of sight unobstructed.

Rifle ranges the world over are littered with broken flip caps. This is one cap you will most likely never see in a flip cap boneyard. The E-10 cap has three stop positions. The first is vertical, to put your dope disk (optional accessory) literally right in your face. The second at 45° and the third at 90° to lay flat.

#### DOPE DISK®

Data on Previous Engagement (DOPE) Disk. Visit us online at dopedisks.vortexoptics.com to enter your ballistics information on range, drop, wind, and elevation to create your customized disk. Choose from several different styles and enter your unique data. Be sure and make one for each of your favorite hunting locations. Dope Disks® snap easily into the lid of the E-10 Defender® Flip Cap so you will never lose your Dope again!

#### SWITCHVIEW™ THROW LEVER

Maximize the efficiency of magnification transitions with fluid precision using our throw lever. Constructed of skeletonized, lightweight, tough, hard-coat anodized machined aluminum.



#### PRECISION EXTENDED CANTILEVER MOUNT

Available in 30mm and 34mm with options for 20 MOA cant. These extended cantilevers have all the same features as the Precision Matched Rings and are designed for mounting scopes with a forward location, providing correct eye relief and head placement. The guick release model is

PRECISION MATCHED RINGS

Machined with certified USA 7075 T6 billet aluminum and held to an extremely tight tolerance of .0005 using a precision Computer Numeric Controlled (CNC) mill. Our Precision Matched Rings are kept in pairs throughout the manufacturing process — ensuring perfection from one set to another. These Vortex rings are then serialized, vibratory tumbled, hand-bead blasted and finished with a Type III hard coat anodize. Available in two heights for 1-inch tubes, three heights for 35mm and 30mm tubes, and five heights for 34mm tubes.



#### **HUNTER RINGS**

TACTICAL RINGS

Mounting to a Picatinny or Weaver type rail, the standard 2-screw Hunter rings are a nice match for general hunting setups. Made from aircraft-grade 6061-T6 aluminum for optimum strength. Available in three heights for 30mm and 1-inch tubes.

Robust, wide 6-screw ring offers solid support for 30mm riflescope tubes. These tactical rings are perfect for

mounting red-dot optics, magnifiers, and other accessories

with 30mm tube diameters to your Picatinny rail. When

using this ring to mount a conventional riflescope, we

strongly recommend lapping the rings for a proper and secure fit for your optic. Tactical rings are sold individually and are available in three heights for 30mm tubes and one height for absolute co-witness and lower 1/3 co-witness.



#### PRO EXTENDED CANTILEVER MOUNT

These USA-made extended cantilever mounts are available in 34mm, 30mm, and 1-inch tubes sizes and provide the correct height and forward placement for proper scope mounting.



#### SPORT CANTILEVER RED DOT RING

Provide extra rail room for rear BUIS when using the StrikeFire® II red dot along with the VMX-3T magnifier. Available for 30mm tubes in absolute co-witness and lower 1/3 co-witness.



#### PRO RIFLESCOPE RINGS

Streamlined, lightweight, and durable, these rings use four T-15 Torx-style socket cap screws for secure mounting of your riflescope. This unique design permits easy mounting and the rings can remain on your scope when detached from the base. They are precision CNC machined from high strength 6061-T6 aluminum alloy with a durable black matte anodized finish. Available in three heights for 30mm and 1-inch tubes.



#### SPORT CANTILEVER RIFLESCOPE MOUNT

Vortex® cantilever ring mounts provide the correct height and forward placement for proper scope mounting on flat-top AR's. Available for 30mm tubes in 2- or 3-inch offset.



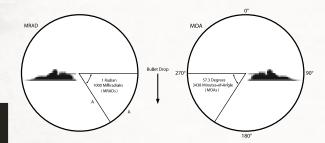
NOTE: The height measurements for all rings and mounts are from base and are shown in inches and millimeters.



## TECHNICAL DATA

#### MOA VERSUS MRAD

Both minute-of-angle (MOA) and Milliradian (mrad) unit of arc scales are effective when using subtension measurements for ranging and bullet trajectory drop compensation in riflescope reticles.



MRAD unit of measurements are based on the radian. A radian is the angle subtended at the center of a circle. There are 6.283 radians in a circle and 1000 milliradians in a radian for a total of 6283 milliradians (MRADS) in a circle. An MRAD will subtend 3.6 inches at a distance of 100 yards. Most riflescopes using MRAD adjustments will use 1/10 MRAD clicks which subtend .36 inches at 100 yards.

MOA unit of arc measurements are based on degrees and minutes. There are 360 degrees in a circle and 60 minutes in a degree for a total of 21,600 minutes in a circle. A minute of angle will subtend 1.05 inches at a distance of 100 yards. Most riflescopes using MOA adjustments will use 1/4-minute clicks which subtend .26 inches at 100 yards.

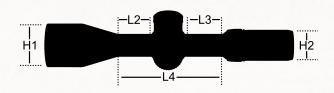
NOTE: Visit www.VortexOptics.com for more detailed information and videos on how to range with MRAD and MOA Reticles.

#### FIRST FOCAL PLANE VERSUS SECOND FOCAL PLANE

All riflescope reticles can be termed either first focal plane (FFP) or second focal plane (SFP) depending on their internal location within the riflescope. FFP reticles are located in the front of the erector tube near the windage and elevation turrets and will appear to grow or shrink in size as the magnification changes. SFP reticles are located within the eyepiece assembly and will not change in size as the magnification changes.

### 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 spec pages on our website. www.VortexOptics.com



NOTE: Dimensions measured in inches.

MODEL		LENGTH	IS	HEIC	EIGHTS H2			
	L2	L3	L4	H1	H2			
RAZOR HD AMG RIFLES	CUDES							
6-24 x 50	2.1	2.3	6	2.3	1.72			
RAZOR HD GEN II RIFLI				2.5	1.72			
4.5-27 x 56				2.55				
3-18 x 50	2.0	2.2	6.1	2.32	1.81			
1-6 x 24	2.8	1.5	5.9	1.29				
RAZOR HD RIFLESCOP	ES							
5-20 x 50	2.9	2.5	6.9	2.33	1.74			
RAZOR HD LH RIFLESC	OPES							
3-15 x 42	2.1		5.6	2.02				
2-10 x 40	1.0	2.1	F 0	1.94	1.7			
1.5-8 x 32	1.6		5.0	1.62				
GOLDEN EAGLE HD RIF	LESCOP	ES						
15-60 x 52	3.5	2.25	7.5	2.4	1.73			
VIPER PST GEN II RIFL	ESCOPE	S						
5-25 x 50	2.25			2.3				
3-15 x 44	2.3	2.5	6.85	2.08	1.8			
2-10 x 32	2.4		0.85	1.61	1.0			
1-6 x 24	3.0	2.25		1.29				

***************************************					
6-24 x 50	2.5	2.2	6	2.26	1.63
4-16 x 44	2	2.2	5.6	2.03	1.03
VIPER HSLR RIFLESCO	PES				
6-24 x 50	2.5	2.2	6.0	2.26	1.63
4-16 x 50	2.0	2.2	5.6	2.20	1.03
VIPER HS RIFLESCOPE	S				1.33
4-16 x 50				2.26	
4-16 x 44	2.0	2.2	5.6	2.03	1.63
2.5-10 x 44				2.05	
VIPER RIFLESCOPES					100.00
6.5-20 x 50 PA	2.8	2.2	6.4	2.27	1.72
STRIKE EAGLE RIFLES	COPES				
1-6 x 24	2.3	2.2	6.6	1.2	1.7
DIAMONDBACK TACTIC	AL RIFL	ESCOP	ES		
4-12 x 40	1.9	2.1	5.25	1.86	1.58
3-9 x 40	1.8	2.2	5.3	1.00	1.56
DIAMONDBACK HP RIF	LESCOP	ES			
4-16 x 42	1.9	1.9	5.2	2.0	1.69
3-12 x 42	1.5	1.5	5.2	2.0	1.05
DIAMONDBACK RIFLES	COPES				
4-12 x 40	2.4	2.0	5.6	1.89	
3.5-10 x 50	2.0		5.4	2.29	
3-9 x 40	2.0	2.1	5.4	1.89	1.69
2-7 x 35 (R)	1.7		5.1	1.72	
1.75-5 x 32	1.9	1.9		1.55	
CROSSFIRE II RIFLESO	COPES				
6-24 x 50 A0		2.6	5.9	2.52	1.73
6-18 x 44 A0	1.9	2.2	5.4	2.3	1.61
4-16 x 50 A0		2.3	5.6	2.52	1.73
4-12 x 50 A0	2.2	2.2	5.6	2.44	
4-12 x 40 A0	2.2	1.9	5.3	2.05	1.71
4-12 x 44	2.3	1.5	5.5	2.01	2.3
3-12 x 56 A0	1.9	2.6	5.0	2.71	1.73
3-9 x 50		1.8	5.1	2.24	
3-9 x 40	2.1	1.0		1.84	1.71
2-7 x 32 (R)	2.1	1.6	5.0	1.53	1./1
2-7 x 32 Scout		1.0		1.55	
1-4 x 24	2.8	2.0	6.1	1.18	1.73
				11/10	

LENGTHS

VIPER HST RIFLESCOPES

L2 L3 L4 H1 H2

VISIT: www.VortexOptics.com for more detailed information on specs or reticles.



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 webpage at www.VortexOptics.com.

you! Flip the page and see if it's there.

SKU	MAGNIFICATION X OBJECTIVE LENS	RETICLE Options	WEIGHT	LENGTH	EYE RELIEF (MAX POWER)	FIELD OF VIEW @ 100 YARDS	TUBE SIZE	TURRET STYLE	ADJUSTMENT GRADUATION	TRAVEL PER ROTATION	ELEVATION ADJUSTMENT	WINDAGE ADJUSTMENT	PARALLAX (YARDS)
RAZOR® HD AMG	™ RIFLESCOPES <i>(Tac</i>	tical pg. 4-7)											
RZR-AMG-2	C 24 FO FFD	EBR-7 MRAD	00.0	15.0"	2.6"	20.4 5.1/	20	I Too	.1 MRAD	10 MRAD	28 MRAD	19 MRAD	OF to 1-6:-:t.
RZR-AMG-1	- 6-24 x 50 FFP -	EBR-7 MOA	- 28.8 oz	15.2"	3.6"	20.4 - 5.1'	30mm	L-Tec	½ MOA	25 MOA	95 MOA	65 MOA	- 25 to Infinity
RAZOR® HD GEN	II RIFLESCOPES <i>(Tad</i>	etical pg. 8-11)											
RZR-42704		EBR-1C MRAD							.1 MRAD	10 MRAD	33 MRAD	14 MRAD	
RZR-42705	4.5-27 x 56 FFP	EBR-2C MOA	48.5 oz	14.4"	3.7"	25.3 - 4.4'	34mm	L-Tec	½ MOA	25 MOA	114 MOA	48 MOA	32 to Infinity
RZR-42706		EBR-2C MRAD							.1 MRAD	10 MRAD	33 MRAD	14 MRAD	
RZR-31803	2.10 50 550	EBR-2C MOA	46.5	14 4"	2.7"	27.0 6.051	34mm		1/4 MOA	25 MOA	120 MOA	69 MOA	05 1 1 5 11
RZR-31802	- 3-18 x 50 FFP -	EBR-2C MRAD	- 46.5 oz	14.4"	3.7"	37.8 - 6.25'	3411111	L-Tec	.1 MRAD	10 MRAD	35 MRAD	20 MRAD	- 25 to Infinity
RZR-16003		JM-1 BDC MOA							½ MOA	50 MOA	150 MOA	150 MOA	
RZR-16005	1-6 x 24	VMR-2 MOA	25.2 oz	10.1"	4.0"	115.2 - 20.5'	30mm	Low Capped	½ WUA	SU MUA	150 MOA	150 WUA	100
RZR-16004		VMR-2 MRAD							.2 MRAD	20 MRAD	43 MRAD	43 MRAD	
RAZOR® HD RIFLES	COPES (Tactical pg. 1	12-15)											
RZR-52006	- 5-20 x 50 FFP -	EBR-2B MRAD	- 35.2 oz	15.8"	3.9"	22.0 - 5.76'	35mm	Tactical	.1 MRAD	10 MRAD	36 MRAD	36 MRAD	10 to Infinitu
RZR-52005	- 5-20 X 50 FFP -	EBR-2B MOA	- 35.2 02	13.6	3.9	22.0 - 5.76	3311111	Tactical	1/4 MOA	25 MOA	125 MOA	125 MOA	- 40 to Infinity
RAZOR® HD LH™ RI	FLESCOPES (Hunting	pg. 4-5)											
RZR-1589 RZR-1572	- 3-15 x 42 -	G4 BDC MOA HSR-4 MOA	- 16.5 oz	13.5"		35.8 - 7.1'	1"				55 MOA	55 MOA	20 to Infinity
RZR-1565 RZR-1558		G4 BDC MOA HSR-4 MOA	- 15.4 oz	12.5"	3.8"	56.2 - 10.8'	1"	Capped	1/4 MOA	15 MOA	90 MOA	90 MOA	100
RZR-6638	1.5-8 x 32	G4 BDC MOA	13.4 oz	11.0"		72.2 - 13.2'	1"				110 MOA	110 MOA	100

VISIT: www.VortexOptics.com for more detailed information on specs or reticles.

SKU	MAGNIFICATION X OBJECTIVE LENS	RETICLE OPTIONS	WEIGHT	LENGTH	EYE RELIEF (MAX POWER)	FIELD OF VIEW @ 100 YARDS	TUBE SIZE	TURRET STYLE	ADJUSTMENT GRADUATION	TRAVEL PER ROTATION	ELEVATION ADJUSTMENT	WINDAGE ADJUSTMENT	PARALLAX (YARDS)
GOLDEN EAGLE® I	HD RIFLESCOPES <i>(Tac</i>	tical pg. 16-19)											
TCS-1503	- 15-60 x 52	EBR-1 MOA	- 29.7 oz	16.1"	3.9"	6.3 - 1.7'	30mm	Tall Target	1/8 MOA	10 MOA	55 MOA	45 MOA	15 to
TCS-1501	13 00 X 32	SCR-1 MOA	25.7 02	10.1	5.5	0.5 1.7	30111111	Tan Tanget	170 WOA	10 10071	33 WOT	45 MON	Infinity
VIPER® PST™ GEI	II RIFLESCOPES <i>(Tac</i>	tical pg. 20-23)											
PST-5258	- 5-25 x 50 FFP	EBR-2C MRAD	_						.1 MRAD	10 MRAD	20 MRAD	10 MRAD	
PST-5255		EBR-2C MOA	31.2 oz	16.0"		24.1 - 4.8'			1/4 MOA	25 MOA	70 MOA	35 MOA	
PST-5251	5-25 x 50	EBR-4 MOA			- 3.4"				74 MOX	20 111071	70 MON		
PST-3158	- 3-15 x 44 FFP	EBR-2C MRAD			5.4				.1 MRAD	10 MRAD	22 MRAD	11 MRAD	25 to
PST-3155	3-13 X 44 III	EBR-2C MOA	28.1 oz	14.3"		41.2 - 8.6'	30mm	Tactical	1/4 MOA	25 MOA	75 MRAD	40 MOA	Infinity
PST-3151	3-15 x 44	EBR-4 MOA					30111111	Tactical	74 WICA	25 MOA	75 WIKAD	40 MOA	
PST-2105	0.10 20 550	EBR-4 MRAD	06.0	10.75"	2.0"	50.0 11.7	-		.1 MRAD	10 MRAD	26 MRAD	26 MRAD	
PST-2101	- 2-10 x 32 FFP	EBR-4 MOA	- 26.3 oz	12.75"	3.2"	58.3 - 11.7'			½ MOA	25 MOA	90 MOA	90 MOA	
PST-1607		VMR-2 MRAD							.2 MRAD	16 MRAD	46 MRAD	46 MRAD	
PST-1605	- 1-6 x 24	VMR-2 MOA	- 22.7 oz	10.9"	3.8"	112.5 - 18.8'			½ MOA	40 MOA	160 MOA	160 MOA	100
VIPER® HST™ RIF	LESCOPES (Tactical p	g. 24-27)											
VHS-4310		VMR-1 MRAD							.1 MRAD	5 MRAD	19 MRAD	19 MRAD	
VHS-4325	- 6-24 x 50	VMR-1 MO A	- 22.6 oz	15.5"	4.0"	17.8 - 5.1'	20		½ MOA	12 MOA	65 MOA	65 MOA	50 to
VHS-4308	4.16 44	VMR-1 MRAD	00.0	10.7"	4.0"	07.4.7.41	- 30mm	Tactical	.1 MRAD	5 MRAD	21 MRAD	21 MRAD	Infinity
VHS-4309	- 4-16 x 44	VMR-1 MOA	- 20.8 oz	13.7"		27.4 - 7.4'			½ MOA	12 MOA	75 MOA	75 MOA	
VIPER® HSLR™ R	FLESCOPES (Hunting	pg. 6-7)											
VHS-4315-LR	6-24 x 50 FFP	XLR MOA	22.4 oz	15.5"	- 4.0"	17.8 - 5.1'	- 30mm	Capped Windage Tactical Elevation	¼ MOA Windage,	12 MOA Windage,	65 MOA	42 MOA	50 to
VHS-4307-LR	4-16 x 50	Dead-Hold BDC	21.4 oz	13.7"	4.0	27.4 - 7.4'	- 30111111	Capped Windage Tactical Elevation	½ MOA Elevation	24 MOA Elevation	75 MOA	50 MOA	Infinity
VIPER® HS™ RIFL	ESCOPES (Hunting pg	. <b>6-7</b> )											
VHS-4307	4-16 x 50		20.4 oz	. 10.7"		074 74					50 MOA	FO MOA	50 to
VHS-4305	4-16 x 44	Dead-Hold BDC	18.4 oz	13.7"	4.0"	27.4 - 7.4'	30mm	Capped	1/4 MOA	12 MOA	SU MUA	50 MOA	Infinity
VHS-4303	2.5-10 x 44		16.5 oz	12.0"		47.0 - 10.9'	-				86 MOA	86 MOA	100
VIPER® RIFLESCO	PES (Hunting pg. 8-9)	)											
VPR-M-06MD		Mil-Dot						Tall	1/4 MRAD	12 MRAD	65 MRAD	65 MRAD	50 to
VPR-M-06BDC	6.5-20 x 50 PA	Dead-Hold BDC	21.6 oz	14.4"	3.1"	17.4 - 6.2'	30mm	Capped	½ MOA	12 MOA	65 MOA	65 MOA	Infinity
STRIKE EAGLE® R	IFLESCOPES (Tactical	pg. 28-31)											1 2 2
SE-1624-1	1-6 x 24	AR-BDC	17.6 oz	10.5"	3.5"	116.5 - 19.2'	30mm	Capped	1/2 MOA	40 MOA	140 MOA	140 MOA	100

SKU	MAGNIFICATION X OBJECTIVE LENS	RETICLE OPTIONS	WEIGHT	LENGTH	EYE RELIEF (MAX POWER)	FIELD OF VIEW @ 100 YARDS	TUBE SIZE	TURRET STYLE	ADJUSTMENT GRADUATION	TRAVEL PER ROTATION	ELEVATION ADJUSTMENT	WINDAGE Adjustment	PARALLAX (YARDS)
DIAMONDBACK	® TACTICAL RIFLESCO	PES (Tactical pg. 32-	35)										
DBK-10025	4-12 x 40		16.2 oz	14.00	0.011	23.6 - 7.9'	1.0		1/ 1/04	10.4404	60 MOA	60 MOA	100
DBK-10023	3-9 x 40	VMR-1	15.9 oz	- 14.2"	3.9"	33.7 - 11.3'	- 1"	Tactical	¼ MOA	12 MOA	86 MOA	86 MOA	- 100
DIAMONDBACK	® HP™ RIFLESCOPES	(Hunting pg. 10-11)											
DBK-10019	4-16 x 42	5	10.0	10.511	4.011	00.0.6.11	1.11		1/ 1101	15.4404	80 MOA	80 MOA	00 1 1 5 11
DBK-10015	3-12 x 42	Dead-Hold BDC	18.0 oz	12.5"	4.0"	28.8 - 6.1'	1"	Capped	¼ MOA	15 MOA	90 MOA	90 MOA	- 30 to Infinity
DIAMONDBACK	® RIFLESCOPES (Hunt	ting pg. 10-11)											
DBK-04-BDC			14.6	10.0"	2.11	20.4 11.21					60.1404	60.140.1	
DBK-M-04P	- 4-12 x 40	Dead-Hold BDC	14.6 oz	12.0"	3.1"	32.4 - 11.3'					60 MOA	60 MOA	
DBK-03-BDC	3.5-10 x 50	Dead-Hold BDC	16.2 oz	12.5"		35.8 - 13.5'	_				65 MOA	65 MOA	100
DBK-M-01P	2.0 v. 40	V-Plex	14.4	11 7"	3.3"	446 149	1"	Capped	1/4 MOA	15 MOA	70 MOA	70 MOA	
DBK-01-BDC	- 3-9 x 40 -	Dead-Hold BDC	— 14.4 oz	11./		44.6 - 14.8'					70 MOA	70 MOA	
DBK-RIM	2-7 x 35 Rimfire	V-Plex (50yd)	14.2 oz	11.6"	3.1"	64.3 - 19.3'					100 MOA	100 MOA	50
DBK-08-BDC	1.75-5 x 32	Dead-Hold BDC	12.8 oz	10.2"	3.5"	68.3 - 23.1'	_				125 MOA	125 MOA	100
CROSSFIRE® II	RIFLESCOPES (Hunt	ing pg. 12-15)											
CF2-31045	6-24 x 50 A0	D 111111000	02.6	14.5"	4.0"	17.3 - 4.4'					40 MOA	40 MOA	10 to Infinity
CF2-31039	4-16 x 50 AO	Dead-Hold BDC	23.6 oz	14.2"	3.7"	25.3 - 7.0'		Capped	1/4 MOA	15 MOA	50 MOA	50 MOA	25 to Infinity
CF2-31049	3-12 x 56 Hog Hunter	V-Brite®	21.1 oz	14.3"	3.7"	36.7 - 9.2'	30mm				60 MOA		10 to Infinity
CF2-31037	1-4 x 24		16.0 oz	9.8"	4.0"	96.1 - 24.1'			½ MOA	30 MOA	100 MOA	100 MOA	100
CF2-31033	6.10 44.40	Dead-Hold BDC	19.6 oz	10.51	0.711	15.0.5.01							
CF2-31029	- 6-18 x 44 AO -	V-Brite®		- 13.5"	3.7"	15.2 - 5.3'							
CF2-31023	4-12 x 50 AO		— 20.6 oz	14.2"		25.7 - 8.4'							10 to Infinity
CF2-31019	4-12 x 40 A0	Dead-Hold BDC	19.2 oz	13.6"			-				50 MOA	50 MOA	
CF2-31013	100	V-Plex			3.9"	24.7 - 8.4'							
CF2-31015	- 4-12 x 44 -	Dead-Hold BDC	— 17.2 oz	13.1"									
CF2-31011		Dead-Hold BDC	18.4 oz			32.0 - 12.9'	-						-
CF2-31027	- 3-9 x 50 -	V-Brite®	18.6 oz	12.7"		34.1 - 12.9'	- 1"	Capped	1/4 MOA	15 MOA			
CF2-31005		V-Plex			3.8"		-						100
CF2-31007	- 3-9 x 40	Dead-Hold BDC	— 15.0 oz	12.0"		34.1 - 12.6'							
CF2-31025		V-Brite®	16.2 oz								60 MOA	60 MOA	
CF2-31001	2-7 x 32						-						
CF2-31001R	2-7 x 32 Rimfire	V-Plex	14.3 oz	14.3 oz 11.3"	3.9"	42.0 - 12.6'							50
CF2-31002	2-7 x 32 Scout		12.0 oz	10.5"	9.45"	18.3 - 5.2'	-						
CF2-31003	2-7 x 32	Dead-Hold BDC	14.3 oz		3.9"	42.0 - 12.6'	-						100

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