

# BIRDING & OBSERVATION OPTICS 2023



**BINOCULARS | MONOCULARS | SPOTTING SCOPES | TRIPODS**





# BRINGING OUR AMAZING WORLD *INTO CLEAR VIEW.*

Our world is amazing, and we want you to see every glorious detail. Backed by years of experience in providing superior performance and incredible precision for birders and naturalists, every Vortex® product is developed to not only exceed your expectations, but our own as well. There are incredible things to see in amazing places. Take us along next time — you won't believe your eyes.

Cover photos by Mike Ashbee, Tony Beck,  
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## TABLE OF CONTENTS

### BINOCULARS

- 8 Razor® UHD
- 9 Razor® HD
- 10 Kaibab® HD
- 11 Viper® HD
- 12 Diamondback® HD
- 13 Crossfire® HD
- 14 Raptor™
- 15 Vanquish®
- 16 Binocular Accessories

### MONOCULARS

- 20 Solo®

### SPOTTING SCOPES

- 24 Razor® HD
- 25 Viper® HD
- 26 Diamondback® HD

### TRIPODS

- 29 Radian™ Carbon
- 30 Ridgeview™ Carbon
- 31 Summit™ Carbon II
- 32 High Country™ II
- 33 Mountain Pass™

### INFORMATION

- 3 Features Descriptions
- 4 Binoculars by the Numbers
- 5 Adjusting Binoculars
- 27 Spotting Scopes by the Numbers
- 34 Product Specs

# FEATURES



## UHD OPTICAL SYSTEM

Ultra-high definition optical quality and prescription for unparalleled image resolution that cuts chromatic aberration; providing exceptional colour 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 colour 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, colour-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 colour 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.

# BINOCULARS BY THE NUMBERS

From backyard birding to long-distance wildlife observation. No matter your application, understanding magnification and field of view is critical when choosing the right binocular for you!

Whether you're a dedicated birder or casual wildlife observer, a properly-adjusted, quality binocular will help you build a deeper connection with nature.

## KNOW THE NUMBERS

8x42

Magnification

Objective Lens

## MAGNIFICATION

- 8x to 10x are preferred in dense foliage or heavily wooded terrain
- 12x, 15x, or 18x are commonly used in more vast, open landscapes
- 12x magnification and larger are recommended for use with a tripod

## FIELD OF VIEW

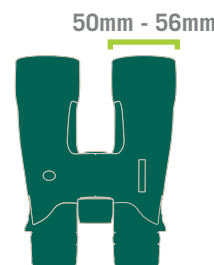
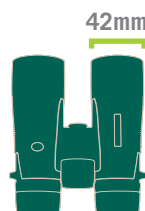
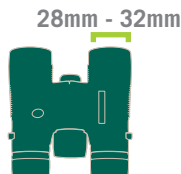
Field of view is the width of the area you can see and is commonly measured in feet at 1,000 yards.

## OBJECTIVE SIZE

All else equal, a larger objective size delivers a brighter image but increases size and weight.

### SMALLER OBJECTIVE

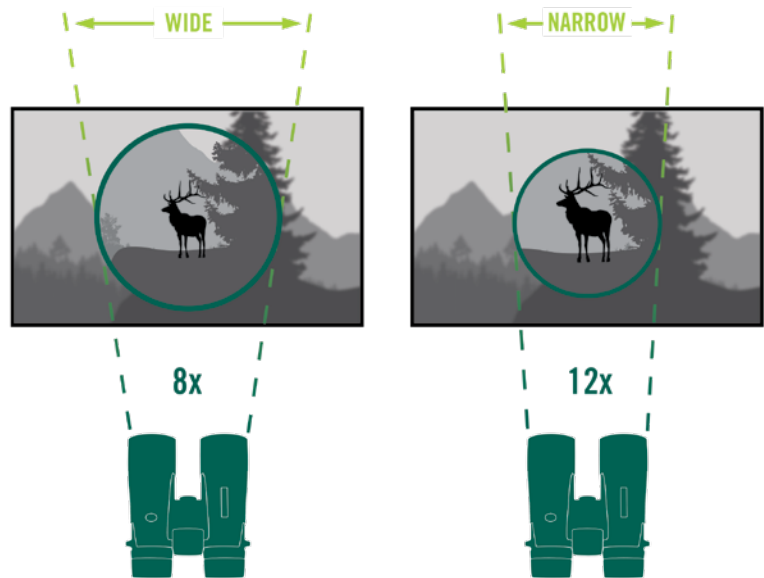
- Ideal for hiking and traveling
- Stows easier in a pocket or backpack
- Quicker subject acquisition
- Best for hand-held use



### LARGER OBJECTIVE

- Ideal for long glassing sessions
- Better low-light performance
- Brighter images
- Best used with a tripod

## AS MAGNIFICATION INCREASES, FIELD OF VIEW DECREASES





# BASIC ADJUSTMENTS

## INTERPUPILLARY DISTANCE

The interpupillary distance (IPD) is a measurement of the distance between the center of a person's left and right pupils. A binocular also has an IPD range and it can be adjusted to fit the viewer.

The hinged design of a binocular allows you to match the IPD of your eyes to the binoculars so you see a single image free of shading. If the IPD is not correctly adjusted, you may see shading over part of the image.



To adjust your binocular's IPD, simply rotate the barrels inward or outward to line up the ocular lenses with your eyes.



## ADJUST THE EYECUPS

Adjusting the eyecups up or down allows the user to see a full field of view. This is important for people who wear eyeglasses or sunglasses. The two main styles of eyecup design are:

**Twist eyecups** twist up and down. Multi-position eyecups let you choose the most comfortable position.

**Flexible eyecups** fold back for maximum eye relief with eyeglasses.



**With Glasses:** If you wear eyeglasses or sunglasses, rest the binocular's eyecups against your glasses with the eyecups folded back or twisted down. If the eyecups stay fully extended when wearing eyeglasses, images will appear as if you're looking at them through a tunnel. Generally, an eye relief of 15mm or greater is preferred for users with glasses.

**Without Glasses:** If you do not wear eyeglasses or sunglasses, extend the eyecups to provide the proper distance for seeing the full field of view. How far the eye cups must be extended will be determined by the facial structure of the user.

# PROPERLY ADJUST THE BINOCULAR

## REALLY IMPORTANT !!

A properly adjusted binocular is key to getting the maximum benefit out of your optics. Everyone's eyesight is different. It is important to walk through the steps below to get the binoculars adjusted to your own eyesight.

The first time you perform the adjustment, it may take a minute, but once you have performed this a few times, it should only take 10 to 15 seconds.

For the best view, follow this two-step process to properly adjust the center focus and diopter. Choose an object about 20 yards away and stay in the same spot until you've adjusted the binocular for your eyes.

## ADJUST THE CENTER FOCUS

Start by closing your right eye, or covering the right objective lens with your hand. Focus your left eye on the object and adjust the center focus wheel until the image is in focus. Leave the center focus in this position as you adjust the diopter.

Adjust the center focus.



## ADJUST THE DIOPTER

Next, close your left eye or cover the left objective lens with your hand. Look through your right eye and adjust the diopter ring (generally found on the right eyepiece) until the object is in focus. Make note of this diopter setting in case you need to set it again. From this point on, you'll only need to use the center focus wheel.



Adjust the diopter setting.

**TIP** - Some models feature a diopter that locks the setting. If the diopter locks, lift the diopter ring (or follow manufacturer instructions) to unlock. Then, adjust the diopter until the object is in focus as described above and lock the diopter ring.



WE  
GOT

**YOUR BACK.**

**DOG CHEW TOY: COVERED.**



**UNLIMITED. UNCONDITIONAL. 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.





# BINOCULARS



# 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 colour 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.



x42

x50

x56

### 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 3.

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	8.4"	6.2"	42.0 oz.
RZB-3103	12x50	288'	5.5°	6.6'	17.0mm	56mm - 76mm	7.6"	5.9"	36.5 oz.
<b>NEW</b> RZB-3105	10x50	341'	6.5°	6.6'	18.0mm	56mm - 76mm	7.6"	5.9"	36.5 oz.
RZB-3102	10x42	346'	6.6°	4.5'	16.7mm	56mm - 76mm	7.0"	5.7"	32.4 oz.
RZB-3101	8x42	420'	8.0°	4.5'	16.7mm	56mm - 76mm	7.0"	5.7"	32.4 oz.





# 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 field-ready bino to trust on a day hike, expedition, or bird-watching adventure.



x42

x50

### 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 3.

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.



# KAIBAB<sup>®</sup> HD

FULL-SIZE ROOF PRISM BINOCULARS



## FOR LONG-RANGE VIEWING BY LAND, AIR, OR SEA.

Jaw-droppingly powerful and durably built for adventure. The Kaibab<sup>®</sup> HD delivers incredible optical reach and a superior viewing experience for long-distance wildlife observation, stargazing, plane spotting, or watching boats and ships offshore. For extended glassing sessions — or when “no shake” image detail is critical — these all-weather, high-power binoculars are intended to be used with a tripod for rock-steady comfort and extraordinary image quality.

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

### FEATURES

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

For a description of each feature, see page 3.

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.





# VIPER<sup>®</sup> HD

FULL-SIZE ROOF PRISM BINOCULARS



GLASSPAK<sup>™</sup>  
INCLUDED

## LIGHTWEIGHT OPTIC WITH A HEAVYWEIGHT PUNCH.

When you need to pack light without sacrificing performance, reach for the Viper<sup>®</sup> HD. This optical masterpiece delivers high-density, extra-low dispersion glass without the premium price tag. That means stunning resolution, brilliant colour fidelity, and edge-to-edge clarity. But that's not all. The Viper<sup>®</sup> HD is also one of the lightest, most compact yet durable, full-size binos on the market — no small thing when you're miles from the trailhead where every ounce matters.



x42



x50

### FEATURES

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

For a description of each feature, see page 3.

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.



# DIAMONDBACK® HD

FULL / MID / COMPACT-SIZE ROOF PRISM BINOCULARS



**GLASSPAK™**  
**INCLUDED**

\*Select Models Only

## EXPERIENCE LOVE AT FIRST SIGHT.

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 for exceptional viewing at extreme distances. Plus, we're now including the GlassPak™ binocular harness so your binos are always at the ready.

### 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 3.



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	57mm - 73mm	4.4"	5.0"	15.9 oz.
DB-211	10x28	273'	5.1°	6.0'	16.0mm	55mm - 72mm	4.6"	4.6"	13.3 oz.
DB-210	8x28	332'	6.2°	6.0'	18.0mm	55mm - 72mm	4.6"	4.5"	13.7 oz.





# CROSSFIRE® HD

FULL-SIZE ROOF PRISM BINOCULARS



**GLASSPAK™  
INCLUDED**

## MORE COLOUR. MORE FIDELITY.

The Crossfire® HD binocular lineup combines an HD optical system with best-in-class value and performance. Optimized glass elements and included GlassPak™ binocular harness make the Crossfire® HD binoculars a go-to choice that delivers sharp image quality without weighing you down.



x42

x50

### 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 3.

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.



# RAPTOR™

MID-SIZE PORRO PRISM BINOCULARS



## 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 colour fidelity, even in low-light conditions. Plus, the design accommodates a wide range of interpupillary distances to fit everyone in the family.

### FEATURES

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

For a description of each feature, see page 3.

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	5.0"	6.2"	19.0 oz.
R385	8.5x32	390'	7.4°	15.0'	14.0mm	50mm - 70mm	5.0"	6.2"	18.7 oz.





# VANQUISH®

COMPACT REVERSE PORRO PRISM BINOCULARS



## SMALL WONDER.

The Vanquish® is positive proof 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.

### FEATURES

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

For a description of each feature, see page 3.

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.







# 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 binocular 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

VTHARNSS

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.



## SPORT BINOCULAR ADAPTER

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.







PHOTOS BY TONY BECK & NINA STAVLUND







# MONOCULARS



# 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. The Solo® makes a great addition to any backpacker's gear list.

### FEATURES

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

For a description of each feature, see page 3.

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"	9.3 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.







PHOTOS BY MIKE ASHBEE







PHOTOS BY ALAIN CLAVETTE







# SPOTTING SCOPES



# RAZOR<sup>®</sup> 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<sup>®</sup> 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 colour accuracy. 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.

### FEATURES

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

For a description of each feature, see page 3.

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"	





# 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 when you're in the field.

Note – Custom-fitted neoprene case included.

### 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 3.

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.





# DIAMONDBACK® HD

## SPOTTING SCOPE



## HELLO THERE, BEAUTIFUL.

Crisper resolution. Brighter images. Edge-to-edge sharpness you can only find in spotters that cost hundreds more. The Diamondback® HD represents the continuing evolution of a rugged, dependable spotter that strikes a perfect balance between magnification, depth of field, field of view, and clarity to observe the finest details of distant quarry. This proven performer in low-light scenarios also delivers a streamlined, snag-free exterior and smart helical focus wheel for fast adjustments, even with gloves. A neoprene cover comes included to keep your spotter protected in the field.

Note – Custom-fitted neoprene case included.

### 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 3.

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.





# SPOTTING SCOPES BY THE NUMBERS

Spotting scopes provide higher magnification than most binoculars, and are designed for viewing wildlife and landscapes at long distances.

No matter your application, understanding magnification and field of view is critical when choosing the right tool for the job.

## KNOW THE NUMBERS

**20-60x85**

Magnification Range

Objective Lens

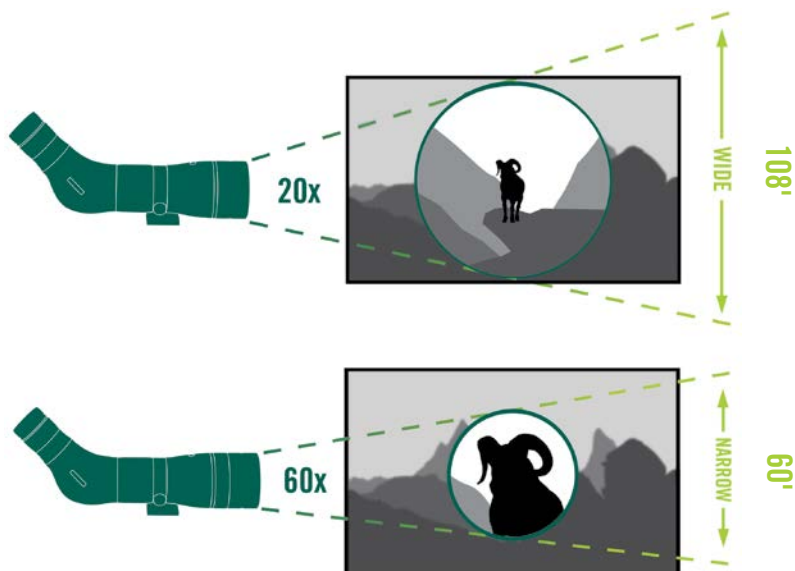
## MAGNIFICATION

- **Lowest Magnification:** The lowest end of your magnification range is 20x. Larger field of view allows for easier target acquisition
- **Highest Magnification:** The highest end of your magnification range is 60x. More detail, but at the sacrifice of the field of view

## FIELD OF VIEW

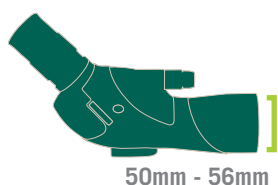
Field of view is the width of the area you can see and is commonly measured in feet at 1,000 yards.

## AS MAGNIFICATION INCREASES, FIELD OF VIEW DECREASES

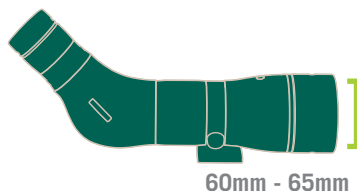


## OBJECTIVE LENS DIAMETER

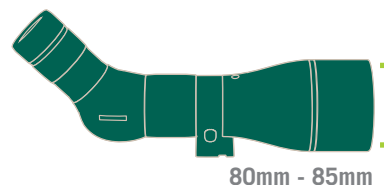
All else equal, a larger objective size delivers a brighter image but increases size and weight.



COMPACT



MIDSIZE



FULL-SIZE

### SMALLER OBJECTIVE

- Ideal for backcountry hiking
- Lighter, and stows easier in a backpack
- Easier to use in dense foliage

### LARGER OBJECTIVE

- Ideal for long-range observation
- Better low-light performance
- Brighter images and better light transmission





# TRIPODS



# RADIAN™ CARBON

CARBON FIBER TRIPOD + BALL HEAD OR LEVELING HEAD

**LEVELING HEAD - 44 LBS. MAX LOAD**  
**BALL HEAD - 55 LBS. MAX LOAD**  
 Perfect for large binoculars and spotting scopes.

**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.

## FEATURES

- ▶ 3-ANGLE LEG PIVOT LOCKS
- ▶ RUBBER FEET
- ▶ SPIKED FEET
- ▶ DETACHABLE COUNTER-WEIGHT HOOK

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





# 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, you can quickly switch out your optics with the Arca-Swiss compatible quick-release system. When you need stability and strength you can stand behind, put Ridgeview™ Carbon in your pack.

## FEATURES

- ▶ 3-ANGLE LEG PIVOT LOCKS
- ▶ DETACHABLE COUNTER-WEIGHT HOOK
- ▶ RUBBER FEET

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



# SUMMIT™ CARBON II

CARBON FIBER TRIPOD + PAN HEAD

## 22 LBS. MAX LOAD

Perfect for large binoculars and spotting scopes.

## 2-WAY PAN HEAD

Provides simple, intuitive controls and full range of motion.

## COMPACT, LIGHTWEIGHT DESIGN

2.5 lbs. and compact folding design for ultimate packability.

## 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.

## FEATURES

- ▶ 3-ANGLE LEG PIVOT LOCKS
- ▶ DETACHABLE COUNTER-WEIGHT HOOK
- ▶ RUBBER FEET

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" - 53.3"	18.1" x 3.0"	Carbon Fiber	4	3	1/4 Turn	Arca-Swiss





# HIGH COUNTRY™ II

ALUMINUM TRIPOD + PAN HEAD

## 22 LBS. MAX LOAD

Perfect for large binoculars and spotting scopes.

## 2-WAY PAN HEAD

Provides simple, intuitive controls and full range of motion.

## ALUMINUM LEG CONSTRUCTION

Excellent balance of packability and durability.



## 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.

## FEATURES

- ▶ 3-ANGLE LEG PIVOT LOCKS
- ▶ DETACHABLE COUNTER-WEIGHT HOOK
- ▶ RUBBER FEET

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





# MOUNTAIN PASS™

ALUMINUM TRIPOD + PAN HEAD



## 22 LBS. MAX LOAD

Perfect for large binoculars and spotting scopes.

## 2-WAY PAN HEAD

Provides simple, intuitive controls and full range of motion.

## ALUMINUM LEG CONSTRUCTION

Excellent balance of packability and durability.



## 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

## FOR WHEN YOU'RE NOT JUST PASSING THROUGH.

Purpose-built to help anyone make the most of their glassing game. Mountain Pass™ strikes a balance of packability, sturdiness, and value. Strong, machined-aluminum design won't struggle under the weight of larger binoculars and spotting scopes. Durable, telescoping legs adjust independently and lock with a quick push of the thumb. When the view changes quickly, you need a tripod that can keep up. Mountain Pass™ delivers intuitive controls and full range of motion thanks to a 2-Way Pan Head that securely holds your optic via an Arca-Swiss compatible quick-release system. All together it's a total tripod package with smooth, steady, and reliable operation that won't let you down.

## FEATURES

- ▶ 3-ANGLE LEG PIVOT LOCKS
- ▶ DETACHABLE COUNTER-WEIGHT HOOK
- ▶ RUBBER FEET

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-MTP	2-Way Pan	3.1 lbs.	22 lbs.	9.0" - 56.0"	19.0" x 4.0"	Aluminum	4	3	Flip Lever	Arca-Swiss





# 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
<b>Razor® UHD</b>												
RZB-3104	18x56	194'	3.7°	10.0'	18.0mm	56mm - 76mm	+/- 2	Roof-Abbe Koenig	BK7	8.4"	6.2"	42.0 oz.
RZB-3103	12x50	288'	5.5°	6.6'	17.0mm	56mm - 76mm	+/- 2	Roof-Abbe Koenig	BK7	7.6"	5.9"	36.5 oz.
RZB-3105	10x50	341'	6.5°	6.6'	18.0mm	56mm - 76mm	+/- 3	Roof-Abbe Koenig	BK7	7.6"	5.9"	36.5 oz.
RZB-3102	10x42	346'	6.6°	4.5'	16.7mm	56mm - 76mm	+/- 2	Roof-Abbe Koenig	BK7	7.0"	5.7"	32.4 oz.
RZB-3101	8x42	420'	8.0°	4.5'	16.7mm	56mm - 76mm	+/- 2	Roof-Abbe Koenig	BK7	7.0"	5.7"	32.4 oz.
<b>Razor® HD</b>												
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.
<b>Kaibab® HD</b>												
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.
<b>Viper® HD</b>												
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.
<b>Diamondback® HD</b>												
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	57mm - 73mm	+/- 4	Roof-Schmidt Pechan	BaK4	4.4"	5.0"	15.9 oz.
DB-211	10x28	273'	5.1°	6.0'	16.0mm	55mm - 72mm	+/- 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.
<b>Crossfire® HD</b>												
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.
<b>Raptor®</b>												
R310	10x32	339'	6.3°	15.0'	13.0mm	50mm - 70mm	+/- 4	Porro	BaK4	5.0"	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.
<b>Vanquish®</b>												
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.





# MONOCULAR SPECS

SKU	MAGNIFICATION X OBJECTIVE LENS DIAMETER	LINEAR FIELD OF VIEW (@ 1000 YARDS)	ANGULAR FIELD OF VIEW	CLOSE FOCUS	EYE RELIEF	DIOPTER RANGE	EYECUP STYLE	LENGTH	WEIGHT
Solo™									
S136	10x36	325'	6.2°	16.4'	15.0mm	N/A	Adjustable	4.9"	9.3 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.

# 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 -	15.5"	65.6 oz.
RS-85S		Straight				17.0mm	16.2"	
RS-65A	22-48x65	Angled	138' - 84'	2.7° - 1.6°	26.2'	16.7mm -	14.8"	56.8 oz.
RS-65S		Straight				17.0mm	15.6"	
RZR-50A1	11-33x50	Angled	191' - 96'	3.6° - 1.8°	6.6'	16.0mm -	10.3"	25.0 oz.
RZR-50S1		Straight				19.0mm	11.0"	
Viper® HD								
V502	20-60x85	Angled	101' - 50'	1.9° - 1.0°	36.0'	17.8mm -	17.5"	76.6 oz.
V503		Straight				19.6mm	18.0"	76.4 oz.
V500	15-45x65	Angled	137' - 68'	2.6° - 1.3°	23.0'	17.8mm -	14.0"	59.0 oz.
V501		Straight				19.6mm	14.6"	58.8 oz.
Diamondback® HD								
DS-85A	20-60x85	Angled	108' - 60'	2.1° - 1.1°	24.6'	18.3mm -	16.0"	60.9 oz.
DS-85S		Straight				20.3mm	15.8"	61.3 oz.
DS-65A	16-48x65	Angled	138' - 72'	2.6° - 1.4°	16.4'	18.3mm -	14.3"	49.8 oz.
DS-65S		Straight				20.3mm	13.7"	50.4 oz.

# 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
Mountain Pass™										
TR-MTP	2-Way Pan	3.1 lbs.	22 lbs.	9.0" - 56.0"	19.0" x 4.0"	Aluminum	4	3	Flip Lever	Arca-Swiss





# 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 binoculars, spotting scopes, tripods, monoculars, gear, and apparel.



**UNLIMITED.  
UNCONDITIONAL.  
LIFETIME WARRANTY.**

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

\*Vortex Canada is the exclusive Canadian distributor for Vortex Optics (USA), and as such, administers the Vortex VIP Warranty in Canada.

The Vortex VIP Warranty is the policy and responsibility of Vortex Optics (USA).



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