

# VORTEX RAZOR ULTRA HD BINOCULARS

Vortex Razor HD binoculars have gained a well-earned reputation for pushing the limits of optical performance when light transmission really matters, now we take things forwards with the Razor Ultra HD Binoculars featuring Abbe-König Prisms and HD lenses all index-matched to achieve maximum light-transmission, colour fidelity and keeping chromatic aberration to an absolute minimum.

They come complete with a Vortex Glasspak Binocular Harness, comfort neck strap, Rainguard, tethered Objective Lens covers and of course the Vortex Unlimited Lifetime Warranty through our UK Authorised Stockists.



Razor Ultra HD are available in 8x42, 10x42, 12x50 and 18x56 specifications.

## **Optical Features**

**Abbe-König Prisms:** These prisms have a longer optical path length which gives a sharper and higher resolution image.

**APO Optical System:** Apochromatic optical system Index matched with HD glass lenses correct colour across the entire visual spectrum.

**Plasma Tech:** Cutting edge application process provides unparalleled coating durability and performance.

**HD Lens Elements:** Premium (High Density) extra-low dispersion glass delivers the ultimate in resolution and colour fidelity, resulting in Ultra High Definition images.

**XRPlus Fully Multi-Coated Lenses:** Premium proprietary coatings deliver the highest level of light transmission with multiple anti-reflective coatings on all air-to-glass surfaces for maximum brightness.

**Phase Correction:** Used on roof prism models only—coating enhances resolution and contrast.

## **Construction Features**

**Roof Prisms:** Valued for greater durability and a more compact size. Ergonomic opening design.

**Magnesium Chassis:** Decreases weight and increases strength.

**Waterproof:** Optics are sealed with o-rings to prevent moisture, dust, and debris from getting inside the binocular.

**Fogproof:** Argon gas purging guarantees superior fogproof and waterproof performance.

**Rubber Armour:** Provides a secure, non-slip grip, and durable external protection.

**ArmorTek:** Exterior lenses are protected by ArmorTek — an ultrahard, scratch-resistant compound that repels oil, dirt and the corrosive salts of fingerprints.

**True Open Hinge:** Offers superior ergonomics while decreasing total weight and bulk.

## **Convenience Features**

**Multi-Position Eyecups:** Twist up and down to precise, intermediate settings to maximize custom fit for comfortable viewing with or without spectacles.

**Locking Diopter:** Adjusts for differences in a user's eyes. Located on right eyepiece.

**Tripod Adaptable:** Compatible with a tripod adapter, allowing use on a tripod or car window mount.

## **Vortex Razor Ultra HD Binocular Technical Specifications:**

### **8x42 Razor Ultra HD:**

Magnification: 8 x  
Objective Lens Diameter: 42 mm  
Eye Relief: 16.7 mm  
Exit Pupil: 5.25 mm  
Linear Field of View: 420 ft/1000 yds  
Angular Field Of View: 8.0 degrees  
Close Focus: 4.5 feet / 1.40 m  
Interpupillary Distance: 56-76 mm  
Height: 7.0 inches / 178 mm  
Width: 5.6 inches / 142 mm  
Weight: 32.4 ounces / 920 g

### **10x42 Razor Ultra HD:**

Magnification: 10 x  
Objective Lens Diameter: 42 mm  
Eye Relief: 16.7 mm  
Exit Pupil: 4.2 mm  
Linear Field of View: 346 ft/1000 yds  
Angular Field Of View: 6.6 degrees  
Close Focus: 4.5 feet / 1.40 m  
Interpupillary Distance: 56-76 mm  
Height: 7.0 inches / 178 mm  
Width: 5.6 inches / 142 mm  
Weight: 32.2 ounces / 915 g

## 12x50 Razor Ultra HD:

Magnification: 12 x  
Objective Lens Diameter: 50 mm  
Eye Relief: 17.0 mm  
Exit Pupil: 4.2 mm  
Linear Field of View: 236 ft/1000 yds  
Angular Field Of View: 5.5 degrees  
Close Focus: 6.6 feet / 2.0 m  
Interpupillary Distance: 56-76 mm  
Height: 7.6 inches / 193mm  
Width: 5.8 inches / 147mm  
Weight: 36.1 ounces / 1025g

## 18x56 Razor Ultra HD:

Magnification: 18 x  
Objective Lens Diameter: 56 mm  
Eye Relief: 18.0 mm  
Exit Pupil: 3.1 mm  
Linear Field of View: 194 ft/1000 yds  
Angular Field Of View: 3.7 degrees  
Close Focus: 10 feet / 3.05 m  
Interpupillary Distance: 56-76 mm  
Height: 8.3 inches / 210mm  
Width: 6.1 inches / 155mm  
Weight: 41.6 ounces / 1180g

## 42mm Razor Ultra HD Binoculars



## 50mm Razor Ultra HD Binoculars



## 56mm Razor Ultra HD Binoculars



For more information please visit [www.vortex-optics.co.uk](http://www.vortex-optics.co.uk)  
or email [sales@newprouk.co.uk](mailto:sales@newprouk.co.uk)