

# VORTEX RAZOR HD 65MM & 85MM SPOTTING SCOPES

Setting a new standard in high-end optical technologies, precision craftsmanship, and ultra-sleek functionality, the newly engineered Razor® HD is one of the finest spotting scopes on the market. Premium HD glass lens elements, painstakingly hand selected and precision-ground to exacting standards matched with a sophisticated triplet apochromatic lens system deliver brilliant, razor-sharp, true-to-life views.

Advanced optical elements eliminate aberrations for distortion-free, flat field images with unmatched edge-to-edge sharpness, remarkable clarity, resolution, and colour accuracy. Fully multi-coated with XR coatings, the Razor HD spotting scopes offer excellent light transmission - an extremely critical attribute when finding and studying your subject in poor light.

Exterior lenses are protected by ArmorTek—an ultrahard, scratch-resistant compound that repels oil, dirt and the corrosive salts of fingerprints. Fully multi-coated with scratch-resistant XRPlus premium coatings for extremely high resolution and optimal light transmission. A die-cast magnesium alloy body with rubber armouring ensures strength, durability and lightweight performance and the increased depth of field over the previous Razor spotting scopes allows the use of the helical/barrel focus system. The new Razors naturally are 100 percent waterproof, fogproof (purged with argon gas), dustproof and are covered by the Vortex Unlimited Lifetime Warranty.



Razor HD 65mm & 85mm 'scopes are available in 22-48x65mm HD Angled or Straight body and 27-60x85mm HD Angled or Straight body design.

## Optical Features

**APO Optical System:** Triplet Apochromatic lens combines with HD glass to provide unmatched colour sharpness.

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

**Dielectric Prism Coatings:** Multi-layer prism coatings provide bright, clear, colour-accurate images.

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

## Construction Features

**Porro Prism:** Offers maximum image quality and performance in a traditional design.

**i) Angled Body Design:** Valued for allowing an overall lower mounting height which maximizes stability in wind, offers greater comfort when viewing for extended periods, and permits the use of a smaller, lighter tripod.

**ii) Straight Body Design:** Valued for speedy subject acquisition and ease of use. Most compatible design for use with car window mounts.

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

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

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

**Rubber Armour:** The all-over rubber armouring protects the exterior of your scope.

## Convenience Features

**Adjustable Eyecup:** Twists up and down to precise 'click-stop' settings for comfortable viewing with or without spectacles.

**Helical / Barrel Focus:** New Dual geared focus system allows for fast yet precise adjustments.

**Sunshade:** Reduces glare and shields the objective lens from raindrops and snow.

**Rotating Tripod Collar:** Allows rotation of the eyepiece to a sideways position—most useful for viewing through an angled spotting scope body on a car window mount.

## Vortex Razor HD 65mm & 85mm Spotting Scope Technical Specifications:

### 22-48x65mm HD Angled:

Magnification: 22-48x  
Objective Lens Diameter: 65mm  
Linear Field of View: 138-84ft/1000yds  
Angular Field Of View: 2.7-1.6 degrees  
Close Focus: 6.7m / 22.0 feet  
Eye Relief: 17mm - 16.7mm  
Exit Pupil: 3.15mm-1.42mm  
Length: 374 mm / 14.7 inches  
Weight: 1575g / 55.4 ounces

### 22-48x65mm HD Straight:

Magnification: 22-48x  
Objective Lens Diameter: 65mm  
Linear Field of View: 138-84ft/1000yds  
Angular Field Of View: 2.7-1.6 degrees  
Close Focus: 6.7m / 22.0 feet  
Eye Relief: 17mm - 16.7mm  
Exit Pupil: 3.15mm - 1.42mm  
Length: 395 mm / 15.6 inches  
Weight: 1575g / 55.4oz

### 27-60x85mm HD Angled:

Magnification: 27-60 x  
Objective Lens Diameter: 85 mm  
Linear Field of View: 117-68ft/1000yds  
Angular Field Of View: 2.2-1.3 degrees  
Close Focus: 4.9m / 16.4 feet  
Eye Relief: 17mm - 16.7mm  
Exit Pupil: 3.15mm - 1.42mm  
Length: 393mm / 15.5 inches  
Weight: 1840g / 64.8 ounces

### 27-60x85mm HD Straight:

Magnification: 27-60 x  
Objective Lens Diameter: 85 mm  
Linear Field of View: 117-68ft/1000yds  
Angular Field Of View: 2.2-1.3 degrees  
Close Focus: 4.9m / 16.4 feet  
Eye Relief: 17mm - 16.7mm  
Exit Pupil: 3.15mm - 1.42mm  
Length: 412 mm / 16.2 inches  
Weight: 1840g / 64.8oz

22-48x65mm Razor HD Angled Spotting Scope



22-48x65mm Razor HD Straight Spotting Scope



## 27-60x85mm Razor HD Angled Spotting Scope



## 27-60x85mm Razor HD Straight Spotting Scope



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)