

# VORTEX RANGEFINDERS

Capable of ranging reflective targets from 1000 yards (Impact 1000) up to 4000 yards (Razor HD 4000) the Vortex Rangefinders give the user accurate distance data to the target in question. They are easy to use with a clean display and highly intuitive menu, the Rangers keep things simple, yet provide a high level of performance. (The Fury 5000 HD Rangefinder binocular has its own technical sheet).

Primary HCD (Horizontal Component Distance) mode displays an angle-compensated distance reading in case your target is above or below you. Ideal for sporting use such as golf or target shooters, the Vortex Rangers are sure to be useful additions to your kit bag.

All Rangefinders come complete with a padded case, neck strap and of course the Vortex Unlimited Lifetime Warranty through our UK Authorised Stockists.



## Vortex Impact 1000 Rangefinder with HCD — Horizontal Component Distance

Capable of ranging reflective targets to 1000 yards, the Impact 1000 gives the user accurate distance data to the target in question. Primary HCD (Horizontal Component Distance) mode displays an angle-compensated distance reading in case your target is above or below you. Easy to use with a clean display and highly intuitive menu, the Impact 1000 keeps things simple, yet provides a high level of performance.

Fully multi-coated lenses deliver optimal light transmission and o-rings seal the Impact 1000 for waterproof performance. Can be set to read in yards or meters to accommodate user preference. Ideal for sporting use such as golf or target shooters, the Vortex Impact 1000 is sure to be a useful addition to your kit bag.

### Note:

Compact, ergonomic and lightweight, the Impact 1000 is easy to pack or hang around your neck using the included lanyard. Runs on a standard CR2 battery.

## Optical Features

**Fully Multi-Coated Lenses:** Anti-reflective lens coatings provide brighter views.

## Construction Features

**Waterproof:** O-ring seals prevent moisture, dust, and debris from getting inside for withstanding harsh weather conditions.

**Rugged Design:** Built to handle tough situations. Compact and lightweight.

**Diopter:** Adjusts for precise focus.

## Performance Features

**HCD:** Horizontal Component Distance (HCD) mode for angle compensated ranging.

**LOS:** Line of Sight (LOS) mode displays actual line of sight range.

**Scan:** This feature displays continual distance readings when panning across a landscape or tracking a moving target.

**Easy-to-use Menu:** Intuitive, easy-to-use menus feature a simple, clean non-illuminated display.

**Ranging Format:** Range in yards or meters.

Range (Reflective): 5-1000 yards

Range (Non-reflective): 5-500 yards

Accuracy: +/- 1 yard @ 100 yards

Max Angle Reading: +/- 60 degrees (INC 50)

Magnification: 6 x

Objective Lens Diameter: 20 mm

Linear Field of View: 341 feet/1000 yards

Angular Field of View: 6.5 degrees

Eye Relief: 15 mm

Length: 9.4cm / 3.7 inches

Height: 7.4cm / 2.9 inches

Weight: 156g / 5.5 ounces

## Vortex Impact 1000 Rangefinder.





## **Ranger 1800 with HCD — Horizontal Component Distance**

Capable of ranging reflective targets to 1,800 yards, the Ranger 1800 gives the user accurate distance data to the target in question. Primary HCD (Horizontal Component Distance) mode displays an angle-compensated distance reading in case your target is above or below you. Easy to use with a clean display and highly intuitive menu, the Ranger 1800 keeps things simple, yet provides a high level of performance.

Fully multi-coated lenses deliver optimal light transmission and o-rings seal the Ranger 1800 for waterproof performance. Can be set to read in yards or meters to accommodate user preference. Ideal for sporting use such as golf or target shooters, the Vortex Ranger 1800 is sure to be a useful addition to your kit bag.

### **Note:**

Compact, ergonomic and lightweight, the Ranger 1800 is easy to pack or hang around your neck using the included lanyard. The adjustable, utility clip mounted to the body offers an innovative way to clip the unit to a belt, pocket, or other flat edged surface for easy access. Clip can be mounted to right or left side of the unit or completely removed. Runs on a standard CR2 battery.

Range (Reflective): 9-1800 yards

Range (Non-reflective): 9-900 yards

Accuracy: +/- 3 yards @ 1000 yards

Max Angle Reading: +/- 60 degrees (INC 50)

Magnification: 6 x

Objective Lens Diameter: 22 mm

Linear Field of View: 315 feet/1000 yards

Angular Field of View: 6 degrees

Eye Relief: 17 mm

Length: 9.9cm / 3.9 inches

Height: 7.6cm / 3 inches

Weight: 218g / 7.7 ounces

## Vortex Ranger 1800 Rangefinder.



## Razor HD 4000 with HCD — Horizontal Component Distance

The Razor HD 4000 is the latest addition to Vortex's growing offering of rangefinder products. The extremely effective angle compensated laser rangefinder features four targeting modes (Normal Mode, First Mode, Last Mode and Extended Laser Range Mode) for any ranging environment. The primary HCD (Horizontal Component Distance) range mode provides key angle compensated range information required by many users that require ranging capability over this sort of distance in a simple, quick to read display. The Razor HD 4000 also has a LOS (Line of Sight) range mode and scan feature.

	Non-Reflective Target	Reflective Target
Normal Mode	1600yards (1463m)	2400 yards (2194m)
Normal Mode (Scan)	2000yards (1829m)	2400 yards (2194m)
ELR Mode	2200yards (2012m)	4000 yards (3658m)

The HD Optical System, optimized with select glass elements delivers exceptional resolution, cuts chromatic aberration and provides outstanding colour fidelity along with edge-to-edge sharpness and light transmission in combination with XR™ Plus Multi-Coatings on all air-to-glass surfaces to provide maximum light transmission for peak clarity and the pinnacle of low-light performance.

O-rings seal the Razor HD 4000 for waterproof performance. It can be set to read in yards or meters to accommodate user preference and has 4 modes of ranging including and Extreme Long Range setting. Ideal for sporting use such as golf or target shooters, the Vortex Razor HD 4000 is sure to be a useful addition to your kit bag.

#### Note:

Compact, ergonomic and lightweight, the Razor HD 4000 is easy to pack or you can clip the unit to a belt, pocket, or other flat edged surface for easy access. Clip can be mounted to right or left side of the unit or completely removed. Runs on a standard CR2 battery.

#### Optical Features

**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.

**XR™ Plus Fully Multi-Coated Lenses:** Ultimate anti-reflective coatings on all air-to-glass surfaces provide maximum light transmission for peak clarity and the pinnacle of low-light performance.

#### Construction Features

**ArmorTek®:** Ultra-hard, scratch-resistant coating protects exterior lenses from scratches, oil and dirt.

**Waterproof:** O-ring seals prevent moisture, dust and debris from penetrating the rangefinder for reliable performance in all environments.

**Rugged Design:** Built to handle tough situations. Compact and lightweight.

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

**Diopter:** Adjusts for differences in a user's eyes.

**Tripod Adaptable:** Has a 1/4" tripod thread, allowing use on a tripod, monopod or car window mount.

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

#### Performance Features

**HCD:** Horizontal Component Distance (HCD) mode for angle compensated ranging.

**LOS:** Line of Sight (LOS) mode displays actual line of sight range.

**Scan:** This feature displays continual distance readings when panning across a landscape or tracking a moving target.

**Easy-to-use Menu:** Intuitive, easy-to-use menus feature a simple, clean illuminated display.

**Ranging Format:** Range in yards or meters.

**ELR:** Ideal for ranging targets at extreme distances. A slightly longer response time allows greatly extended range distances. Best used on a tripod.

**AWC:** All Weather Capable ranging allows the unit to return a distance even in a variety of adverse weather conditions.

Range (Reflective): 5-4000 yards  
Range (Non-reflective): 5-2200 yards  
Accuracy: +/- 0.5 yards @ 5-200 yards  
Accuracy: +/- 1 yard @ 200-1000 yards  
Accuracy: +/- 2 yards @ >1000 yards  
Max Angle Reading: +/- 70 degrees  
Magnification: 7 x  
Objective Lens Diameter: 25 mm  
Linear Field of View: 341 feet/1000 yards  
Angular Field of View: 6.5 degrees  
Eye Relief: 16-19 mm  
Length: 11.4cm / 4.49 inches  
Width: 3.4cm / 1.34 inches  
Weight: 281g / 9.9 ounces

### Vortex Razor HD 4000 Rangefinder.



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)