

VORTEX DIAMONDBACK HD BINOCULARS

When the Diamondback binocular range was updated in 2016 with improved optics, dielectric prism coatings and a 10% lighter body, there was really only one way for this latest version to go - the addition of HD glass. Retaining all improvements made last time around, the use of select HD glass lens elements to deliver exceptional resolution, cut chromatic aberration and provide outstanding colour fidelity, edge-to-edge sharpness and light transmission really pushes the Diamondback's price to performance ratio to a new level.

The 42mm, 50mm and new 56mm binoculars come complete with a Binocular Glasspak Harness in addition to the regular comfort neck strap, the 32mm with the moulded case and the 28mm compacts with a padded case.

All come complete with Rainguard, tethered Objective Lens covers and of course the Vortex Unlimited Lifetime Warranty through our UK Authorised Stockists.



Diamondback HD are available in 8x28, 10x28, 8x32, 10x32, 8x42, 10x42, 10x50, 12x50 and 15x56 specifications.

Optical Features

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

Fully Multi-Coated Lenses: Increase light transmission with multiple anti-reflective coatings on all air-to-glass surfaces.

Dielectric Coating: Multi-layer prism coatings provide bright, clear, colour-accurate images.

Construction Features

Roof Prism: Valued for greater durability and a more compact size.

Argon Gas Fogproofing: Superior Argon gas purging prevents internal fogging over a wide range of temperatures.

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

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

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

Convenience Features

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

Right Eye Diopter: Adjusts for differences in a user's eyes. Located on the right eyepiece.

Tripod Adaptable: Compatible with a tripod adapter, allowing use on a tripod or car window mount. Adapter sold separately (included with 15x56).

Vortex Diamondback HD Binocular Technical Specifications:

8x28 Diamondback HD:

Magnification: 8 x
Objective Lens Diameter: 28 mm
Eye Relief: 18 mm
Exit Pupil: 3.5mm
Linear Field of View: 332 ft/1000 yds
Angular Field Of View: 6.2 degrees
Close Focus: 1.83 m / 6.0 feet
Interpupillary Distance: 55-72 mm
Height: 117mm / 4.6 inches
Width: 114mm / 4.5 inches
Weight: 390g / 13.7 ounces

10x28 Diamondback HD:

Magnification: 10 x
Objective Lens Diameter: 28 mm
Eye Relief: 16 mm
Exit Pupil: 2.8 mm
Linear Field of View: 273 ft/1000 yds
Angular Field Of View: 5.1 degrees
Close Focus: 1.83 m / 6.0 feet
Interpupillary Distance: 55-72 mm
Height: 117mm / 4.6 inches
Width: 114mm / 4.5 inches
Weight: 380g / 13.4 ounces

8x32 Diamondback HD:

Magnification: 8 x
Objective Lens Diameter: 32 mm
Eye Relief: 16.0 mm
Exit Pupil: 4.0 mm
Linear Field of View: 426 ft/1000 yds
Angular Field Of View: 8.1 degrees
Close Focus: 1.40m / 4.6 feet
Interpupillary Distance: 57-73 mm
Height: 112mm / 4.4 inches
Width: 117mm / 4.6 inches
Weight: 450g / 15.8 ounces

8x42 Diamondback HD:

Magnification: 8 x
Objective Lens Diameter: 42 mm
Eye Relief: 17 mm
Exit Pupil: 5.25 mm
Linear Field of View: 420 ft/1000 yds
Angular Field Of View: 8.0 degrees
Close Focus: 1.52m / 5 feet
Interpupillary Distance: 55-73 mm
Height: 145mm / 5.7 inches
Width: 130mm / 5.1 inches
Weight: 620g / 21.8 ounces

10x50 Diamondback HD:

Magnification: 10 x
Objective Lens Diameter: 50 mm
Eye Relief: 17 mm
Exit Pupil: 5 mm
Linear Field of View: 315 ft/1000 yds
Angular Field Of View: 6.0 degrees
Close Focus: 1.83m / 6.0 feet
Interpupillary Distance: 60-75 mm
Height: 168mm / 6.5 inches
Width: 135mm / 5.3 inches
Weight: 840g / 29.6 ounces

10x32 Diamondback HD:

Magnification: 10 x
Objective Lens Diameter: 32 mm
Eye Relief: 14.0 mm
Exit Pupil: 3.2 mm
Linear Field of View: 340 ft/1000 yds
Angular Field Of View: 6.5 degrees
Close Focus: 1.83m / 6.0 feet
Interpupillary Distance: 56-73 mm
Height: 112mm / 4.4 inches
Width: 127mm / 5.0 inches
Weight: 450g / 15.8 ounces

10x42 Diamondback HD:

Magnification: 10 x
Objective Lens Diameter: 42 mm
Eye Relief: 15 mm
Exit Pupil: 4.2 mm
Linear Field of View: 330 ft/1000 yds
Angular Field Of View: 6.3 degrees
Close Focus: 1.52m / 5.0 feet
Interpupillary Distance: 55-73mm
Height: 145mm / 5.7 inches
Width: 130mm / 5.1 inches
Weight: 610g / 21.5 ounces

12x50 Diamondback HD:

Magnification: 12 x
Objective Lens Diameter: 50 mm
Eye Relief: 14 mm
Exit Pupil: 4.2 mm
Linear Field of View: 271 ft/1000 yds
Angular Field Of View: 5.2 degrees
Close Focus: 1.83m / 6.0 feet
Interpupillary Distance: 60-75 mm
Height: 163mm / 6.4 inches
Width: 135mm / 5.3 inches
Weight: 820g / 28.9 ounces

28mm Diamondback HD Binoculars



32mm Diamondback HD Binoculars



42mm Diamondback HD Binoculars & Glasspak



50mm Diamondback HD Binoculars & Glasspak



NEW 56mm Diamondback HD Binocular & Glasspak

Introducing the new Diamondback® HD 15x56 binocular, a new configuration in the Diamondback HD Range with enough magnification and HD clarity to make it an ideal binocular for tripod-mounted long-distance observation.

With excellent image resolution and light transmission thanks to an HD optical system, you'll see more detail over greater distances than a Diamondback has ever provided. Thanks to a durable Magnesium alloy chassis, they are lighter than any other 56mm binocular in the Vortex range but do have a Tripod Adapter included in the box as the best results will be obtained when using them on a tripod or other support.

It comes complete with the Glasspak Binocular Harness Pack, Comfort Neck Strap, Rainguard, tethered Objective Lens covers, a Tripod Uni-Daptor and of course the Vortex Unlimited Lifetime Warranty through our UK Authorised Stockists



Magnification: 15 x
Objective Lens Diameter: 56 mm
Eye Relief: 15.6 mm
Exit Pupil: 3.7 mm
Linear Field of View: 230 ft/1000 yds
Angular Field Of View: 4.4 degrees
Close Focus: 4.25m / 14.0 feet
Interpupillary Distance: 59-76 mm
Height: 180mm / 7.1 inches
Width: 147mm / 5.8 inches
Weight: 990g / 34.8 ounces

For more information please visit www.vortex-optics.co.uk
or email sales@newprouk.co.uk