



PRODUCT MANUAL

RAPTORTM

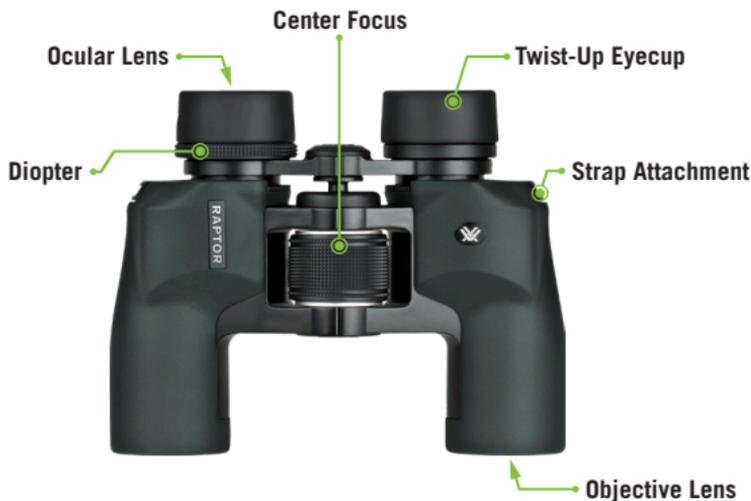
BINOCULAR

SPECIFICATIONS

SKU	R385	R310
MAGNIFICATION X OBJECTIVE LENS DIAMETER	8.5x32	10x32
LINEAR FIELD OF VIEW (@1000 YDS)	390'	339'
ANGULAR FIELD OF VIEW	7.4°	6.3°
CLOSE FOCUS	15.0'	15.0'
EYE RELIEF	14.0mm	13.0mm
INTERPUPILLARY DISTANCE	50mm – 70mm	50mm – 70mm
DIOPTER RANGE	+/- 4	+/- 4
PRISM TYPE	Porro	Porro
PRISM MATERIAL	BaK4	BaK4
HEIGHT	5.0"	5.0"
WIDTH	6.2"	6.2"
WEIGHT	18.7 oz.	19.0 oz.

RAPTOR™ BINOCULAR

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



Images are for representation only.
Product may vary slightly from what is shown.

BASIC OPERATION

Adjust the Eyecups

The eyecups on a Raptor™ binocular twist up and down so any viewer can see the full field of view and enjoy comfortable viewing—with or without eyeglasses.

When not using eyeglasses or sunglasses, keep the eyecups fully extended. For the best viewing when viewing through eyeglasses, twist eyecups down.



Adjust the Interpupillary Distance

The interpupillary distance (IPD) is the distance between the centers of the left and the right eye pupils. Match the IPD of your eyes to the binocular so that you see a single image free of edge distortion.



Distance between the centers of the ocular lenses.



Rotate the binocular barrels inward or outward to line your eyes up with ocular lenses.

Focus the Binocular

The Raptor™ binocular is equipped with a single diopter on the right-hand barrel. For best views, follow this two-step process to properly adjust the center focus and diopter. Choose an object

about 20 yards away from you and stay in the same spot until you have adjusted the binocular for your eyes.



- 1. Adjust the Center Focus** – Start by closing your right eye or covering the right objective lens with your hand. Look through the left barrel and adjust the center focus wheel until the image is in focus. Leave the center focus in position as you adjust the diopter.



- 2. Adjust the Diopter** – Start by closing your left eye or covering the left objective lens with your hand. Look through the right barrel and adjust the diopter until the object is in focus. Make note of the position of the diopter setting in case you need to set it again. From this point on, you will only need to use the center focus wheel.



ACCESSORIES

Lens Covers

The Raptor™ binocular comes with a rainguard for the ocular lenses and tethered objective lens covers. Use these covers to protect the lenses whenever you are not viewing.

Neck Strap

Securely attach the binocular strap to your binocular:



1. Thread the end of the strap from the bottom up through the strap attachment loop.



2. Hold the buckle and thread the end of the strap inside the buckle.



3. Adjust the overall length and pull the strap webbing tight so it is within the buckle.

Note: Please do not thread a metal ring directly onto the strap attachment loop when attaching rings or clips for other after-market equipment. Instead, use nylon zip ties according to the manufacturer's instructions.

MAINTENANCE

Cleaning

Your binocular requires very little routine maintenance other than periodically cleaning the exterior lenses. The binocular exterior may be cleaned by wiping with a soft cloth. When cleaning the lenses, be sure to use products that are specifically designed for use on coated optical lenses.

- Be sure to blow away any dust or grit on the lenses prior to wiping the surfaces.
- Using your breath, or a very small amount of water or pure alcohol, can help remove stubborn dried water spots.

Lubrication

All binocular components are permanently lubricated, so no additional lubricant should be applied.

Note: Other than to remove the rainguards and objective lens covers, do not attempt to disassemble any binocular components. Disassembling of binocular may void warranty.

Storage

If possible, avoid storing your binoculars in direct sunlight or any very hot location for long periods of time.

Caution: Binoculars are not intended for looking at the sun, or any other intense light source. Such viewing can damage your eyes to the point of causing blindness.

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