

EAGLE  OPTICS®

RANGER®
BINOCULAR

THE EAGLE OPTICS® RANGER® ED BINOCULAR

The Ranger® ED binocular provides you with the most requested optic and performance features. Phase-corrected, extra-low dispersion glass prisms, and fully multi-coated lenses along with a rugged, waterproof and fogproof chassis make the Ranger ED an excellent choice for carefree viewing in any weather.



Customize your binocular

Adjust the eyecups

Enjoy comfortable viewing even if you wear eyeglasses—simply twist the eyecups up or down to see the full field of view.

Keep the eyecups fully extended if you aren't wearing eyeglasses or sunglasses. For the best views when wearing eyeglasses, twist the eyecups down.



Adjust the interpupillary distance

The interpupillary distance (IPD) is the distance between the center of your left and right pupil. Your binocular also has an IPD. To see a single image free of shading, rotate your binocular until its IPD aligns with your eyes.



IPD

The IPD of a binocular is the distance between the center of the left and right ocular lens.



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

Focus your binocular

For the best view, use the center focus and diopter to adjust for differences in vision in each eye. Choose an object that is about 20 yards away from you and perform this two-step process:



1. Adjust the center focus. Close your right eye or cover the right objective lens with your hand. Look at the object with your left eye and adjust the center focus wheel until the image is in focus. **Note:** Keep the center focus in this position as you adjust the diopter.



2. Adjust the diopter. Pull the diopter ring up toward the ocular lens to unlock its position. Close your left eye or cover the left objective lens with your hand and rotate the ring until the object is in focus. Push the ring back down to lock the diopter—be sure to record the setting so you can go back to it if someone changes the diopter setting.

After setting the diopter you only need to use the center wheel to focus your binocular. **Note:** If your vision changes, you may need to repeat this process.

Caution:

Binoculars are not intended for looking at the sun or other intense light sources. Such viewing could damage the retina and cornea of your eyes—even to the point of causing blindness.

Accessories for the Ranger ED

Use the provided eyepiece rainguard and tethered objective lens covers to protect the lenses when you are not using your binocular. Between viewing sessions, safely store your binocular in the case.



Neckstrap

Securely attach the padded neckstrap to your binocular. Begin by attaching the strap to the right barrel of the binocular, then repeat this three-step process for the left barrel.



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 secure within the buckle.

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

Care for your binocular's lenses

Follow this two-step process to gently clean the exterior lenses of your binocular.

1. **Blow away any dust or grit before wiping the lens.** Use a can of pressurized air, soft camel hair brush, or acrylic optical brush.



2. **Gently remove smudges, fingerprints, and eyelash oil from the lens.** Use a small amount of water or your breath to moisten the lens then wipe away smudges with a clean lens cloth. Use lens cleaning fluid or isopropyl alcohol to help remove fingerprints and eyelash oil.

Note: Avoid over scrubbing lenses and always use a clean lens cloth—replace the dirty lens cloth with a new, clean lens cloth. Please do not use facial tissue, heavy cotton, or flannel cloth on the lenses—these materials can scratch the lens surface.

EAGLE OPTICS PLATINUM PROTECTION™



Eagle Optics covers your Ranger ED binocular with Platinum Protection—for life. Engineered to last, and unconditionally guaranteed, all Eagle Optics products are built with our commitment to your absolute satisfaction.

There's no warranty card involved. In the event your binocular should require service, Eagle Optics will repair or replace the binocular at our discretion and without charge to you. We reserve the right to replace the warranted product with a product of similar value and/or specifications in the event the original product is no longer available.

Please note, the Platinum Protection does not cover loss, theft, deliberate damage, or damaged caused by unauthorized repair, modification, or disassembly of the binocular.

If you have any questions, please contact Eagle Optics Customer Care. Call 800-289-1132, email us at service@eagleoptics.com, or write to:

Eagle Optics
2120 West Greenview Drive, Suite 4
Middleton, WI 53562

Visit us online at www.eagleoptics.com for more information.



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WWW.EAGLEOPTICS.COM
800-289-1132

2120 WEST GREENVIEW DRIVE - MIDDLETON, WISCONSIN 53562

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