

VYPER

ARTICULATING BINOCULAR



The New, greatly improved **Vyper Articulating Binocular** is engineered as the lightest binocular system available with onboard power, weighing in at under 420 Ounces fully built. Its articulating design allows for individual pod shutoff, giving the operator the option to run one or both eyes while integrating seamlessly with weapon-mounted, non-passive aiming systems.



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The Vyper's slim, low-profile housing makes vehicle mounting and dismounting significantly easier when the system is stowed. Built with Photonis image intensifier tubes and mil-spec optics, the Vyper delivers unmatched clarity and ruggedness in a lightweight frame.

The Vyper features the original Friction Lock Interpupillary Adjustment, allowing users to "set it and forget it" with no tools required. Despite its ultralight weight, the Vyper does not compromise durability—exceeding **MIL-STD-810H** and tested beyond NATO/TOP standards, including drop tests from six feet onto concrete in multiple orientations.

Specifications

- **Housing Weight:** 3.92 oz (111 g)
- **Device Weight (Standard – Mil-Spec Optics):** 18.38 oz (521 g)
- **Device Weight (Lightweight – RPO 3.0 Optics):** 14.64 oz (415 g)
- **Tube Type:** 18mm MX-10160 style or MX-11769 style (EGAC pigtail removed)
- **Battery Life:** Single onboard CR123A: 26+ hours
- **Finish:** Matte Black
- **Field of View (FOV):** 40°
- **Diopter Adjustment:** -2 to +6
- **Gain Control:** Automatic
- **Size:** 4.33 in x 4.06 in x 2.0 in (11 cm x 10.3 cm x 5.1 cm)
- **Material:** Carbon - Fiber Strand / Polymer Blend
- **Mount:** Standard Dovetail Wilcox G-24 Compatible.

Features

- High-strength hybrid fiber-reinforced injection molded polymer housing
- Simple push-button on/off design
- Toolless IPD stops included
- User-adjustable pod tension
- 26+ hours onboard battery life (CR123A)
- Extremely lightweight, ergonomic design
- Individual pod on/off when articulated
- Low-battery indicator
- IP68+ and MIL-STD-810H rated
- 5-year repair or replacement warranty

To learn more, contact us at nightvision@photonisdefense.com



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Vyper Rev:10/2025