

VYPER PRO



The new and greatly improved **Vyper Pro Articulating Binocular** is engineered as one of the lightest binocular systems available with onboard power, weighing in at under 15 oz 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 Pro** introduces significant advancements over the baseline Vyper, including:

- **Manual Gain Control** for precise brightness adjustment in varying light conditions.
- **Newly designed self-adjustable IPD stops** for fast, secure customization without tools.
- **Adjustable IR illuminator** for effective performance in low-light or no-light environments.

- **External battery pack connector**, enabling extended runtime for long-duration missions.

Built with **Photonis image intensifier tubes** and mil-spec optics, the Vyper Pro delivers unmatched clarity and ruggedness in a lightweight frame. Its slim, low-profile housing makes vehicle mounting and dismounting significantly easier when the system is stowed. Despite its ultralight weight, the Vyper Pro exceeds **MIL-STD-810H** and has been tested beyond NATO/TOP standards, including repeated six-foot drop tests onto concrete.

Specifications

- **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
 - With optional 4x CR123A pack: 100+ hours
- **Finish:** Matte Black, H-Series Cerakote in Coyote Brown/OD Green
- **Field of View (FOV):** 40°
- **Diopter Adjustment:** -2 to +6
- **Gain Control:** Manual Gain Control
- **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 polymer housing
- Simple push-button on/off design
- **Manual Gain Control** for brightness adjustment
- **New self-adjustable IPD stops**
- **Adjustable IR illuminator**
- **External battery pack connector** for extended runtime
- External power port (LEMO OOB)
- User-adjustable pod tension
- Individual pod on/off when articulated
- 26+ hours onboard battery life (CR123A)
- Low-battery indicator
- Extremely lightweight ergonomic design
- 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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