



ARMASIGHT®
STOP LOOKING. **START SEEING.**

WARDEN PRO 640

3.5-14 × 50 MM THERMAL MONOCULAR



DESCRIPTION

Engineered for hunters, tactical operators, and law enforcement, the **Warden Pro 640** delivers unmatched clarity, precision, and reliability in a compact, lightweight design. Scan large areas with an **8.8° × 6.6° field of view**, perfect for scouting, surveillance, or search and rescue.

Powered by the **ArmaCore 640 12-μm Gen 4 A-SWaP System** and a **1.8 GHz Quad-Core GPU** with **AI Neural Processing**, the Warden Pro provides crisp, high-contrast imagery at **60Hz**, even in total darkness, fog, or adverse weather.

Capture every moment with **Full HD 1920x1080 OLED display, video recording, USB streaming, multiple color palettes, and dynamic audio**. The **50mm Germanium lens** extends detection up to **1,865 meters**, while rugged **IP67 waterproof construction** ensures dependable performance in any environment.

Compact, intuitive, and mission-ready — the **Warden Pro 640** is your ultimate tactical thermal monocular.

KEY FEATURES



ARMACORE
GEN 4



AI
PROCESSING



IMAGE
DETAIL
ENHANCEMENT



VIDEO
RECORDING



AUDIO
RECORDING



IP67
WATERPROOF

PACKAGE INCLUDES

- Warden Pro Thermal Monocular
- Neck Lanyard
- USB-C Cable
- 2 x CR123A Batteries
- Lens Cloth
- Soft Case
- Product Manual

MPN	TAVT66MN5WARD1P2
DETECTOR TYPE	ArmaCore 640 12-μm Gen 4 A-SWaP System
REFRESH RATE	60 Hz
THERMAL SENSITIVITY	NETD < 20mK
GRAPHICS ISP	1.8 GHz Quad Core GPU with Integrated AI Neural Processing Unit
LENS SYSTEM	F/1.00; 50mm Manual focus
DIOPTER ADJUSTMENT	-5 to +5 dpt
FIELD OF VIEW (H × W)	8.8° × 6.6°
FIELD OF VIEW	46.41 × 34.56ft @ 100yrd
OPTICAL MAGNIFICATION	3.5x
DIGITAL ZOOM	7x - 14x
EYEPiece	20mm
DETECTION RANGE	1,865m on Human Sized Target
DISPLAY	1920 × 1080 Full HD HR/HC Active Matrix OLED
AUDIO	Integrated Dynamic Audio
VIDEO OUTPUT	Full HD 1920 × 1080 @ 60Hz with HDR
POWER SUPPLY	2 × CR123A (3V)
BATTERY LIFE (HOURS)	4 hours at 20° C (68°F)
ENVIRONMENTAL RATING	IP67
OPERATING TEMPERATURE	-40°C to +50°C / -40°F to + 122°F
DIMENSIONS (mm/in)	158 × 88 × 96mm / 6.22 × 3.46 × 3.78in
WEIGHT (kg/lbs)	558g / 1.23lbs
WARRANTY	3 Years with Registration