



ARMA SIGHT[®]
STOP LOOKING. **START SEEING.**

COLLECTOR PRO 640

1.5-6 X 25 MM COMPACT THERMAL WEAPON SIGHT



DESCRIPTION

The **Collector Pro 640** delivers professional-grade thermal imaging in a compact, lightweight package, keeping your .308, rimfire, airgun, or crossbow agile and responsive. Optimized for the ranges these platforms are typically used, it combines portability with unmatched precision.

Powered by the **ArmaCore 640 12-µm Gen 4 A-SWaP System**, a **1.8 GHz Quad-Core GPU**, and **AI Neural Processing**, the Collector Pro provides sharp, high-contrast imagery at a **smooth 60Hz frame rate**. The **Full HD 1920x1080 OLED display** and **Full HD video output with HDR** deliver crystal-clear visuals, while **improved H265 video compression** ensures fast, high-quality recording and streaming.

Additional features include **multiple color palettes**, **customizable reticles**, **integrated dynamic audio**, **USB-C interface**, intuitive three-button controls, and long battery life. Compact, versatile, and mission-ready, the **Collector Pro 640** is the ultimate thermal weapon sight for hunters, tactical operators, and outdoor enthusiasts.

KEY FEATURES



ARMACORE
GEN 4



AI
PROCESSING



IMAGE
DETAIL
ENHANCEMENT



VIDEO
RECORDING



AUDIO
RECORDING



IP67
WATERPROOF

PACKAGE INCLUDES

- Collector Pro TWS
- Quick Detach Mount
- USB-C Cable
- Thermal Zeroing Target
- 2 x CR123A Batteries
- Lens Cloth
- Soft Case
- Product Manual

MPN	TAVT66WN2COLL1P1
DETECTOR TYPE	ArmaCore 640 12-µm Gen 4 A-SWaP System
REFRESH RATE	60Hz
THERMAL SENSITIVITY	NETD < 20mK
GRAPHICS ISP	1.8 GHz Quad Core GPU with Integrated AI Neural Processing Unit
LENS SYSTEM	F/1.00; 25mm
EYE RELIEF	45mm
DIOPTER ADJUSTMENT	-5 to +5 dpt
FIELD OF VIEW (H x W)	17.60° x 13.20°
FIELD OF VIEW	95.16 x 70.38ft @ 100yrd
OPTICAL MAGNIFICATION	1.5x
DIGITAL MAGNIFICATION	3x - 6x
EYEPIECE	25mm
DETECTION RANGE	932m on Human Sized Target
DISPLAY	1920 x 1080 Full HD HR/HC Active Matrix OLED
AUDIO	Integrated Dynamic Audio
VIDEO OUTPUT	Full HD 1920 x 1080 @ 60Hz with HDR
RECOIL RATING	Up to .308 cal
POWER SUPPLY	2 x CR123A (3V)
BATTERY LIFE (HOURS)	Up to 4h at 20°C / 68°F
ENVIRONMENTAL RATING	IP67
OPERATING TEMPERATURE	-40°C to +50°C / -40°F to + 122°F
DIMENSIONS (mm/in)	172 x 77 x 78mm / 6.76 x 3.04 x 3.06in
WEIGHT (kg/lbs)	492g / 1.08lbs
WARRANTY	3 Years with Registration