



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

COMMANDER PRO 640

2-8 X 35 MM THERMAL WEAPON SIGHT



DESCRIPTION

The **Commander Pro 640** brings advanced thermal imaging to a compact, lightweight package, perfect for .50 cal, rimfire, airguns, and crossbows. Designed for medium to short-range precision, it combines rugged durability with tactical versatility.

Powered by the **ArmaCore 640 12-µm Gen 4 A-SWaP System**, a **1.8 GHz quad-core GPU**, and **AI Neural Processing**, the Commander Pro delivers crisp, high-contrast imagery at a **smooth 60Hz frame rate**. The **Full HD 1920x1080 OLED display** and **Full HD video output with HDR** provide clear visuals and recording capability, while **improved H265 compression** ensures faster video transfers.

Additional features include **multiple color palettes**, **customizable reticles**, **USB-C connectivity**, **integrated dynamic audio**, and intuitive three-button controls. Fully **IP67 waterproof**, the Commander Pro 640 delivers reliable performance in any environment, making it the ultimate thermal weapon sight for hunters and tactical professionals alike.

KEY FEATURES



ARMACORE
GEN 4



AI
PROCESSING



IMAGE
DETAIL
ENHANCEMENT



VIDEO
RECORDING



AUDIO
RECORDING



IP67
WATERPROOF

PACKAGE INCLUDES

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

MPN	TAVT66WN3COMM1P2
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; 35mm Manual focus
FIELD OF VIEW (H x W)	12.57° x 9.43°
FIELD OF VIEW	67.02 x 49.79ft @ 100yrd
OPTICAL MAGNIFICATION	2x
DIGITAL MAGNIFICATION	4x - 8x
EYEPIECE	25mm
DETECTION RANGE	1,300m 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 .50 cal
POWER SUPPLY	2 x 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)	241 x 92 x 84mm / 9.48 x 3.61 x 3.32in (W/ Mount)
WEIGHT (kg/lbs)	632g / 1.39lbs
WARRANTY	3 Years with Registration