



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

# COMMANDER PRO 640

## 3-12 X 50 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 long-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	TAVT66WN5COMM1P2
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
FIELD OF VIEW (H x W)	8.8° x 6.6°
FIELD OF VIEW	46.41 x 34.56ft @ 100yrd
OPTICAL MAGNIFICATION	3x
DIGITAL MAGNIFICATION	6x - 12x
EYEPIECE	25mm
DETECTION RANGE	1,865m 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 104 x 96mm / 9.48 x 4.1 x 3.78in (W/ Mount)
WEIGHT (kg/lbs)	742g / 1.64lbs
WARRANTY	3 Years with Registration