



AGM  
GLOBAL  
VISION

# VICTRIX PRO

## THERMAL IMAGING CLIP-ON

The AGM Victrix PRO is a compact thermal imaging clip-on system that allows quick transformation of the day optics into thermal imaging device without any special tools or equipment.

Victrix PRO has a high-sensitivity thermal detector with and a 1024x768 OLED monitor, which provides a clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The product is mainly applied to scenarios such as patrolling, hunting, etc. The Victrix PRO can easily be attached in front of rifle scopes with magnification up to 8x for medium range use.

Powered with two CR123 batteries the AGM Victrix PRO gives up to 4.5 hours of continuous operation time. An external 5V power bank (battery pack) can be easily connected via a USB connector for a significant increase of operating time. The device is equipped with 16 GB storage for on-board video recording and image capturing. Onboard Wi-Fi module is also available for live video streaming and video/images recording via mobile application.

- Quick conversion of daytime optics into thermal imaging scope
- Mounts in front of any daytime scope, no re-zeroing is required
- High sensitivity detector
- 384x288 or 640x512 thermal resolution
- 1024x768 resolution 0.39-inch OLED display
- Automatic or manual (silent) calibration
- Up to 8x digital zoom
- Video recording and snapshot
- Built-in 16 GB EMMC memory module
- Supports distance measurement
- Adjustable color palettes
- Wi-Fi data transmission
- Waterproof, shockproof
- Up to 4.5 hours continuous working
- External power supply capability
- Limited 3-year warranty



## SPECIFICATIONS

	Victrix PRO TC35-384	Victrix PRO TC50-384	Victrix PRO TC50-640
Detector Type	12 µm VOx Uncooled Focal Plane Arrays	12 µm VOx Uncooled Focal Plane Arrays	12 µm VOx Uncooled Focal Plane Arrays
Resolution	384 x 288	384 x 288	640 x 512
Refresh Rate	50 Hz	50 Hz	50 Hz
Response Waveband	8 µm to 14 µm	8 µm to 14 µm	8 µm to 14 µm
Lens System	35 mm, F1.0	50 mm, F1.0	50 mm, F1.0
Field of View (HxV)	10.0° x 8.0°	7.5° x 5.6°	8.8° x 7.0°
Magnification	1x	1x	1x
Detection Range (6' object)	1750 m/yd	2500 m/yd	2500 m/yd
Exit Pupil	22 mm	22 mm	22 mm
Monitor	1024x768, 0.39 inch, OLED	1024x768, 0.39 inch, OLED	1024x768, 0.39 inch, OLED
Uniformity Correction (Flat Field Correction)	Auto, Manual, External Correction	Auto, Manual, External Correction	Auto, Manual, External Correction
Palettes	Black Hot, White Hot, Red Hot, Fusion	Black Hot, White Hot, Red Hot, Fusion	Black Hot, White Hot, Red Hot, Fusion
Highest Temperature Spot Tracking	Yes	Yes	Yes
Scene Mode	Jungle, Recognition	Jungle, Recognition	Jungle, Recognition
Distance Measurement	Yes (Stadiametric Rangefinder)	Yes (Stadiametric Rangefinder)	Yes (Stadiametric Rangefinder)
Hotspot	Yes	Yes	Yes
Standby Mode	Yes	Yes	Yes
Built-in Storage	16 GB EMMC	16 GB EMMC	16 GB EMMC
Record Video	On-board video recording	On-board video recording	On-board video recording
Capture Snapshot	Yes	Yes	Yes
CVBS Output	Yes (via USB)	Yes (via USB)	Yes (via USB)
Battery Type	Two CR123A (3V) Lithium or two RCR123 (up to 4.2V) Rechargeable Batteries	Two CR123A (3V) Lithium or two RCR123 (up to 4.2V) Rechargeable Batteries	Two CR123A (3V) Lithium or two RCR123 (up to 4.2V) Rechargeable Batteries
Battery Operating Time	Up to 4.5 hours continuous running	Up to 4.5 hours continuous running	Up to 4.5 hours continuous running
Battery Capacity Display	Yes	Yes	Yes
Power	5 VDC/2 A, USB Type-C interface Supports external power supply	5 VDC/2 A, USB Type-C interface Supports external power supply	5 VDC/2 A, USB Type-C interface Supports external power supply
Working Temperature	-20°C to 55°C (-4°F to 131°F)	-20°C to 55°C (-4°F to 131°F)	-20°C to 55°C (-4°F to 131°F)
Protection Level	IP67	IP67	IP67
Shock and Vibration	750 g/ms	750 g/ms	750 g/ms
Mounting	Optional Front Quick Release Adapters for different front lens diameter or Quick Release Mount for Picatinny/ Weaver rail	Optional Front Quick Release Adapters for different front lens diameter or Quick Release Mount for Picatinny/ Weaver rail	Optional Front Quick Release Adapters for different front lens diameter or Quick Release Mount for Picatinny/ Weaver rail
Dimension	153 x 72 x 62 mm (6.0 x 2.8 x 2.4 in)	166 x 82 x 66 mm (6.5 x 3.2 x 2.6 in)	166 x 82 x 66 mm (6.5 x 3.2 x 2.6 in)
Weight (w/o batteries)	0.55 kg (1.12 lb)	0.62 kg ( 1.36 lb)	0.62 kg ( 1.36 lb)

Specifications are subject to change without notice.



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