

# SECUTOR LRF-C

## THERMAL IMAGING CLIP-ON WITH LASER RANGEFINDER

The Secutor LRF-C is a compact thermal imaging clip-on system with built-in precision laser rangefinder that allows quick transformation of the day optics into thermal imaging device without any special tools or equipment. Equipped with a highly sensitive, 12 $\mu$ m thermal detector and 1024x768 OLED monitor, the AGM Secutor LRF-C provides a clear image under harsh environmental conditions including darkness, fog, smoke, dust, rain, snow, brush, camouflage, etc. The user-friendly interface, comfortable and ergonomic operating controls makes Secutor LRF-C use incredibly easy. The Secutor LRF-C can easily be attached in front of rifle scopes with magnification up to 10x for medium range use.

The built-in laser range finder of the AGM Secutor LRF-C is designed to determine the exact distance between the observer and the target. Measurement results are displayed in the scopes monitor. Four replaceable Li-Ion battery gives the device more than 6 hours of continuous operation time. An external 5V power bank (battery pack) can be easily connected via a USB to USB-C connector for a significant increase of operating time. The device is equipped with fast EMMC storage for on-board video/audio recording and image capture. Onboard Wi-Fi module allows live video streaming and video/image recording via mobile applications.

- Quick conversion of daytime optics into thermal imaging scope
- 12 $\mu$ m thermal detector
- High sensitivity (NETD less than 20 mK)
- Fast 50Hz imaging
- Built-in laser rangefinder
- Adjustable color palettes
- High resolution OLED display
- On-board video/audio recording and image capture
- Built-in EMMC storage (16 GB)
- Wi-Fi data transmission
- Standby mode
- More than 6 hours battery life
- External power supply compatibility
- Waterproof & shockproof
- 5-year warranty



Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited.

## SPECIFICATIONS

	Secutor LRF-C 50-640	Secutor LRF-C 75-640
Image Sensor	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array
Resolution	640 x 512	640 x 512
Refresh Rate	50 Hz	50 Hz
Response Waveband	8 µm to 14 µm	8 µm to 14 µm
NETD	Less than 20 mk (@25°C), F#=1.0	Less than 20 mk (@25°C), F#=1.0
Detection Range (6' object)	2,600 m/yd	3,800 m/yd
Lens System	50 mm; F/1.0	75 mm; F/1.2
Magnification	1x	1x
Field of View (H×V)	8.8° x 7.0°	5.9° x 4.7°
Exit Pupil	22 mm	22 mm
Display	1024x768, 0.39 inch, OLED	1024x768, 0.39 inch, OLED
Hot Tracking	Yes	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion	Black Hot, White Hot, Red Hot, Fusion
Scene Modes	Recognition, Jungle	Recognition, Jungle
Brightness Adjustment	Yes	Yes
Contrast Adjustment	Yes	Yes
Flat Field Correction (FFC)	Auto, Manual, External Correction	Auto, Manual, External Correction
Defective Pixels Correction (DPC)	Yes	Yes
Burn Prevention	Yes	Yes
Laser Range Finder	Up to 1000 m, ±4 m accuracy	Up to 1000 m, ±4 m accuracy
Laser Wavelength	905 nm	905 nm
Laser Safety Class	Class 1	Class 1
WiFi Hotspot	Yes	Yes
Video/Audio Recording	Yes	Yes
Image Capture	Yes	Yes
Shot Activated Recording (SAR)	Yes	Yes
Storage	Built-in EMMC (16 GB)	Built-in EMMC (16 GB)
Standby Mode	Yes	Yes
Battery Type	Four CR123A Lithium Battery	Four CR123A Lithium Battery
Battery Life (operating)	More than 6 hours (25°C, LRF and hotspot off)	More than 6 hours (25°C, LRF and hotspot off)
External Power Supply	5 VDC/2 A, USB Type-C	5 VDC/2 A, USB Type-C
Operating Temperature	-30°C to 55°C (-22°F to 131°F)	-30°C to 55°C (-22°F to 131°F)
Max/ Recoil	1,000 g / 0.4 ms	1,000 g / 0.4 ms
Protection Level	IP67	IP67
Dimensions (w/o mount)	193 x 104 x 74 mm (7.6 x 4.1 x 2.9 in)	228 x 111 x 81 mm (9 x 4.4 x 3.2 in)
Weight (w/o mount and battery)	0.63 kg (1.38 lb)	0.73 kg (1.6 lb)

**Package Includes:** Thermal Imaging Clip-On, Front Mount\*, Four CR123A Batteries, Type-C USB Cable, Lens Tissue, User Manual, Carrying Case.

\* Mounting kit depends on the region of sale.

\*\* Specifications are subject to change without notice. Images are for illustration purposes only.



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