

Rattler-C V²

THERMAL IMAGING CLIP-ON SYSTEM

The NEW AGM Rattler-C V2 series of thermal clip-ons boasts a industry-leading 12 micron, sub-20mk thermal detectors (NETD <20mK for 384 and 640 models). These physical attributes provide users with some of the best image quality AGM has produced to date with potential detection ranges up to 2600 yards. The Rattler-C V2 thermal clip-ons have a high-sensitivity sensor, which provides a clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc.

The Rattler-C V2 clip-on can easily be attached in front of day scopes to quickly convert a day optic into a thermal imaging device without any special tools or equipment required. Powered replaceable and rechargeable Li-ion battery the AGM Rattler-C V2 provides up to 11 hours of continuous battery life on a single charge (2 batteries included). An external 5V power bank (battery pack) can be easily connected via a USB-C connector for a significant increase of operating time. 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
- 12µm high-sensitivity thermal detector (NETD <20mK for 384 and 640 models)
- Fast 50Hz imaging
- High resolution OLED display
- Adjustable color palettes
- On-board video/audio recording and image capture
- Built-in EMMC storage (16 GB)
- Shot Activated Recording (SAR)
- Wi-Fi data transmission
- Stadiametric rangefinder
- Standby mode
- 9 - 11 hours battery life (depending on model)
- 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

	Rattler-C V ² 19-256	Rattler-C V ² 35-384	Rattler-C V ² 50-640
Image Sensor	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array
Resolution	256 x 192	384 x 288	640 x 512
Refresh Rate	50 Hz	50 Hz	50 Hz
NETD	Less than 35 mK (25°C, F# = 1.0)	Less than 20 mK (25°C, F# = 1.0)	Less than 20 mK (25°C, F# = 1.0)
Detection Range (6' object)	1000 m/yd	1800 m/yd	2600 m/yd
Lens System	19 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Optical Magnification	1x	1x	1x
Field of View	9.3° x 6.9°	7.5° x 5.6°	8.8° x 7.0°
Exit Pupil	22 mm	22 mm	22 mm
Eye Relief	10 mm	10 mm	10 mm
Minimum Focusing Distance	0.5 m to infinity	2 m to infinity	10 m to infinity
Display	0.39-inch, OLED, 1024x768	0.39-inch, OLED, 1024x768	0.39-inch, OLED, 1024x768
Picture-in-Picture (PiP)	Yes	Yes	Yes
Hot Tracking	Yes	Yes	Yes
Palettes	Black hot, White hot, Red hot, Fusion	Black hot, White hot, Red hot, Fusion	Black hot, White hot, Red hot, Fusion
Scene Modes	Cold, Warm	Cold, Warm	Cold, Warm
Flat Field Correction (FFC)	Auto, Manual, External Correction	Auto, Manual, External Correction	Auto, Manual, External Correction
Defective Pixel Correction (DPC)	Yes	Yes	Yes
Burn Prevention	Yes	Yes	Yes
Distance Measurement	Yes (Stadiometric)	Yes (Stadiometric)	Yes (Stadiometric)
WiFi Hotspot	Yes	Yes	Yes
Video Recording	Yes	Yes	Yes
Image Capture	Yes	Yes	Yes
Audio Recording	Yes	Yes	Yes
Shot Activated Recording (SAR)	Yes	Yes	Yes
Storage	Built-in EMMC (16 GB)	Built-in EMMC (16 GB)	Built-in EMMC (16 GB)
Standby Mode	Yes	Yes	Yes
Battery Type	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)
Battery Life (operating)	11.5 h (25°C, with hotspot off)	11 h (25°C, with hotspot off)	9 h (25°C, with hotspot off)
External Power Supply	5 VDC, 2 A, USB Type-C	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)	-30°C to +55°C (-22°F to 131°F)
Max. Recoil	1000 g/0.4 ms	1000 g/0.4 ms	1000 g/0.4 ms
Protection Level	IP67	IP67	IP67
Dimensions (w/o mount)	184 x 68 x 67 mm (7.2 x 2.7 x 2.6 in)	184 x 68 x 67 mm (7.2 x 2.7 x 2.6 in)	196 x 73 x 68 mm (7.7 x 2.9 x 2.7 in)
Weight (w/o mount and battery)	0.5 kg (1.10 lb)	0.54 kg (1.19 lb)	0.55 kg (1.2 lb)

Package Includes: Thermal Imaging Clip-On, Mount, Two NE-4400 Batteries, Charger, USB Cable, Lens Cloth, Manual, Carrying Case.

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



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