

RattlerV² 256

THERMAL IMAGING RIFLE SCOPE

The Rattler V2 is one of the most popular compact thermal imaging scopes on the market. The AGM RattlerV2 thermal rifle scopes feature an advanced twelve-micron high-sensitivity thermal detector. This increase in temperature sensitivity ensures a clear image even in some of the most challenging conditions, including: complete darkness, fog, smoke, dust, rain and snow.

The RattlerV2 256 is an awesome option for close-range night hunts, beginners getting into thermal hunting, or to use as a buddy scope. It features a 256x192 resolution thermal sensor and a 19mm lens with a base magnification of 2.5X, or a 25mm lens with a base magnification of 3.5X. Its wide field of view allows for extensive area coverage during scanning. The 50 Hz refresh rate ensures smooth scanning with minimal lag.

The AGM RattlerV2 comes equipped with a replaceable and rechargeable Li-Ion battery, offering an impressive 11.5 hours of battery life. For extended usage, you can easily connect an external 5V power bank (battery pack) via the USB-C connector, significantly extending the device's operational time, which will vary depending on the power banks capacity. Additionally, the scope includes an onboard WiFi module that allows for seamless live video streaming and recording of videos/images through a dedicated mobile application (AGM Connect).

- 256x192 resolution with 12-micron sensor
- High-sensitivity thermal detector
- Fast 50Hz imaging
- High resolution OLED display
- Adjustable color palettes
- Various reticle types and colors
- 1x, 2x, 4x, 8x digital zoom
- 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
- Up to 11.5 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

	RattlerV² 19-256	RattlerV² 25-256
Detector	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array
Resolution	256 x 192	256 x 192
Refresh Rate	50 Hz	50 Hz
NETD	Less than 35 mK (25°C, F# = 1.0)	Less than 35 mK (25°C, F# = 1.0)
Detection Range (6' object)	950 m/yd	1250 m/yd
Lens System	19 mm; F/1.0	25 mm; F/1.0
Magnification	2.5x - 20x	3.5x - 28x
Digital Zoom	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x
Field of View	9.3° x 6.9°	7.0° x 5.3°
Exit Pupil	6 mm	6 mm
Eye Relief	45 mm	45 mm
Diopter Adjustment	-5D to +5D	-5D to +5D
Minimum Focusing Distance	0.5 m to infinity	0.5 m to infinity
Display	0.39-inch, OLED, 1024x768	0.39-inch, OLED, 1024x768
PIP	Yes	Yes
Hot Tracking	Yes	Yes
Palettes	Black hot, White hot, Red hot, Fusion	Black hot, White hot, Red hot, Fusion
Scene Modes	Cold, Warm	Cold, Warm
Flat Field Correction (FFC)	Auto, Semi-Auto, Manual	Auto, Semi-Auto, Manual
Defective Pixel Correction (DPC)	Yes	Yes
Distance Measurement	Yes (Stadiametric)	Yes (Stadiametric)
Reticle	10 types, 4 colors, on/off	10 types, 4 colors, on/off
Boresight Adjustment	Digital Controlled	Digital Controlled
WiFi Hotspot	Yes	Yes
Video Recording	Yes	Yes
Image Capture	Yes	Yes
Audio Recording	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	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)	Up to 11.5 hours (25°C, with hotspot off)	Up to 11.5 hours (25°C, with 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	1000 g/0.4 ms	1000 g/0.4 ms
Protection Level	IP67	IP67
Dimensions (w/o mount)	219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in)	219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in)
Weight (w/o mount and battery)	0.48 kg (1.06 lb)	0.49 kg (1.08 lb)

Package Includes: Thermal Imaging Rifle Scope, Mount, Two NE-4400 Batteries, Charger, USB Cable, Lens Tissue, User Manual, Carrying Case.

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



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