AGM RATTLER V2

Thermal Imaging Rifle Scope



- 12µm high-sensitivity detector
- Smooth refresh rate
- Optimized lens system
- Useful Magnification Range
- Customizable zeroing profiles
- Wi-Fi connectivity
- On-board video recording
- Rugged, weather-resistant design

The **AGM Rattler V2** is a thermal imaging riflescope designed for civilian hunting, outdoor observation, and low-visibility field use with compatible rifle platforms. The fast 50Hz refresh rate ensures smooth image performance and responsive target tracking when scanning fields, wood lines, and open terrain. Featuring a Germanium lens, it provides enhanced image detail and target identification capabilities while maintaining a versatile field of view for scanning and engagement.

An upgraded battery compartment accommodates a rechargeable battery, extending run time up to 11.5 hours. Notable features include Shot Activated Recording, a simplified menu layout, and multiple reticle options with multiple zeroing profiles for various calibers and rifles. The scope also comes with a custom ADM Mount for secure attachment, Wi-Fi hotspot connectivity through the AGM app, a user-friendly, raised 5-button layout for easy navigation, even while wearing gloves.

The **AGM Rattler V2 19-256** is a compact and affordable thermal riflescope designed for close-range hunting, predator control, and hunters looking to enter the world of thermal optics.

The **AGM Rattler V2 25-256** is a budget option for closer-ranged night hunts, beginners getting into thermal hunting, or to use as a buddy scope.

The **AGM Rattler V2 25-320** delivers the ideal balance of performance, image quality, and value for hunters looking to step into thermal or upgrade from entry-level optics.

The **AGM Rattler V2 25-384** is a versatile thermal riflescope designed for hunters who prioritize field of view, fast target acquisition, and dependable thermal performance.

The **AGM Rattler V2 35-384** is designed for hunters who want greater identification range and image detail without stepping up to a 640-resolution thermal scope.

The **AGM Rattler V2 35-640** combines high-resolution thermal imaging, a wide field of view, low base magnification, useful detection capability, and a lightweight housing without the additional cost and complexity of an integrated laser rangefinder.

The **AGM Rattler V2 50-640** is built for hunters who demand maximum thermal performance, extended detection range, and enhanced target identification.

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Specifications:	RATTLER V2 19-256	RATTLER V2 25-256	RATTLER V2 25-320	RATTLER V2 25-384	RATTLER V2 35-384	RATTLER V2 35-640	RATTLER V2 50-640
SENSOR							
Type	12µm VOx Uncooled Focal Plane Array						
Resolution, pixels	256 × 192	256 × 192	320 × 256	384 × 288	384 × 288	640 × 512	640 × 512
NETD	< 35 mK	< 35 mK	< 20 mK	< 20 mK	< 20 mK	< 20 mK	< 20 mK
Frame Refresh Rate, Hz	50	50	50	50	50	50	50
OPTICS							
Objective Lens	19 mm; F/1.0	25 mm; F/1.0	25 mm; F/1.0	25 mm; F/1.0	35 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Optical Magnification, x	2.5× – 20×	3.5× – 28×	3.5× – 28×	2× – 16×	3× – 24×	2× – 16×	2.5× – 20×
Field of View (HxV)	9.3° × 6.9°	7.0° × 5.3°	7.0° × 5.3°	10.5° × 7.9°	7.5° × 5.6°	12.5° × 10.0°	8.8° × 7.0°
Eye Relief, mm	45	45	45	45	45	45	45
Exit Pupil, mm	6	6	6	6	6	6	6
Diopter Adjustment	-5D to +5D	-5D to +5D	-5D to +5D	-5D to +5D	-5D to +5D	-5D to +5D	-5D to +5D
Minimum Focusing Distance	0.5 m to infinity						
Detection Range, m	950	1250	1200	1200	1800	1800	2600
DISPLAY							
Display Resolution	0.39-inch 1024×768 OLED						
Picture-in-Picture (PiP)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion						
Flat Field Correction (FFC)	Auto, Semi-Auto, Manual						
Defective Pixels Correction (DPC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Distance Measurement	Yes (Stadiametric)						
Wi-Fi and VIDEO RECORDER							
WiFi Hotspot	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Video/Audio Recording	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Image Capture	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shot Activated Recording (SAR)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Built-in Memory, Gb	16	16	16	16	16	64	64
ENVIRONMENTAL							
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Operating Temperature Range, °C	-30°C to 55°C	-30°C to 55°C	-30°C to 55°C	-30°C to 55°C	-30°C to 55°C	-30°C to 55°C	-30°C to 55°C
CONNECTIONS AND COMPATIBILITIES							
Max. Recoil Power	1,000 g / 0.4 ms						
Reticles	10 types, 4 colors, on/off						
Boresight Adjustment	Digital Controlled						
POWER SUPPLY							
Standby Mode	Yes	Yes	Yes	Yes	Yes		
Battery Type	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)						
Battery Life at 22°C, h	Up to 11.5	Up to 11.5	Up to 6.5	Up to 11	Up to 11	Up to 9	Up to 9
External Power Supply	5 VDC/2 A, USB Type-C						
WEIGHT/SIZE							
Dimensions (w/o mount), mm	219 × 68 × 67	219 × 68 × 67	219 × 68 × 67	219 × 68 × 67	221 × 68 × 67	221 × 68 × 67	230 × 73 × 68
Weight (w/o mount and battery), kg	0.48	0.49	0.49	0.49	0.51	0.51	0.53

STANDARD ACCESSORIES: Mount (non-QRM), Two NE-4400 Batteries, NE-4400 Charger, USB Cable, Lens Cloth, Carrying Case.

OPTIONAL ACCESSORIES: Hard Waterproof Case, Anti-fog Cleaning Systems

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