

AGM RATTLER V3 LRF

Thermal Imaging Rifle Scope

- 12 μ m high-sensitivity detector
- Fast 50Hz imaging
- 0.5x step of continuous zooming
- Shot Activated Recording (SAR)
- Various reticle types and colors
- Built-in 1,000m laser rangefinder in the lens
- Built-in EMMC storage (64 GB)
- Wi-Fi data transmission
- Standby mode
- On-board video/audio recording and image capture
- Waterproof & shockproof



The **AGM Rattler V3 LRF** thermal imaging rifle scope combines Germanium lens, an industry-leading sub-15mK thermal sensor and a new high-resolution display to create the best 384 or 640 (depending on the model) resolution thermal images. These technical parameters work together to produce a detection range from 2480 to 3540 km. The RattlerV3 LRF also brings the once inconceivable new in-lens LRF technology to the compact Rattler series. A fully integrated 1,000m laser rangefinder is paired with a new on-board ballistic calculator.

The Rattler V3 LRF has a base magnification of 2.5x to 3.5x (depending on the model), making it an optimal option for predator hunters in wide-open terrain. It's also the first Rattler ever to come with a shutterless NUC and AGM's powerful new Image Boost 2.0 imaging algorithm. Large, sturdy buttons and a manual focus ring were designed to aid gloved fingers in cold winter weather, while the removable rechargeable NE-4400 battery offers one of the most robust and easy-to-install battery systems on the market. The firmware package allows users an amazing level of customization.

Specifications:	RATTLER V3 LRF 35-384	RATTLER V3 LRF 35-640	RATTLER V3 LRF 50-640
SENSOR			
Type	12µm VOx Uncooled Focal Plane Array		
Resolution, pixels	384 × 288	640 × 512	640 × 512
NETD	< 15 mK	< 15 mK	< 15 mK
Frame Refresh Rate, Hz	50	50	50
OPTICS			
Objective Lens	35 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Optical Magnification, x	3.5x – 28x	2.5x – 20x	3.5x – 28x
Field of View (HxV)	7.5° × 5.7°	12.5° × 10.0°	8.7° × 7.0°
Eye Relief, mm	45	45	45
Exit Pupil, mm	6	6	6
Diopter Adjustment	-4D to +3D	-5D to +5D	-5D to +5D
Detection Range, m	2480	2480	3540
DISPLAY			
Type	1920×1080, 0.49 inch, OLED	2560×2560, 1.03 inch, OLED	2560×2560, 1.03 inch, OLED
Picture-in-Picture (PiP)	Yes	Yes	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion, Red Monochrome, Green Monochrome		
Flat Field Correction (FFC)	Auto, Manual, External Correction		
Defective Pixels Correction (DPC)	Yes	Yes	Yes
Brightness, Contrast, Sharpness Adj't	Yes	Yes	Yes
RANGE PERFORMANCE			
Laser Range Finder	Up to 1000 m, ±1 m accuracy		
Laser Wavelength	905 nm	905 nm	905 nm
Ballistic Calculation	Yes	Yes	Yes
Wi-Fi and VIDEO RECORDER			
WiFi Hotspot	Yes	Yes	Yes
Video/Audio Recording	Yes	Yes	Yes
Image Capture	Yes	Yes	Yes
Shot Activated Recording (SAR)	Yes	Yes	Yes
Built-in Memory, Gb	64	64	64
ENVIRONMENTAL			
Protection Level	IP67	IP67	IP67
Operating Temperature Range, °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		
POWER SUPPLY			
Battery Type	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)		
Battery Life at 22°C, h	More than 7 hours	More than 5.5 hours	More than 5.5 hours
External Power Supply	5 VDC/2 A, USB Type-C		
WEIGHT/SIZE			
Dimensions (w/o mount), mm	229 × 66 × 67	237 × 66 × 67	239 × 72 × 70
Weight (w/o mount and battery), kg	0.68	0.73	0.77

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