

EVOLVER LRF 1280

THERMAL IMAGING RIFLESCOPE WITH LASER RANGEFINDER

The AGM Evolver LRF 1280 is now the new apex predator in the field. Providing an unrivaled image quality in compact housing, the Evolver LRF is equipping it with a 75mm germanium lens and a 1280x1024 resolution thermal sensor. Not only that, but it's been paired with a fully integrated 1000m laser rangefinder and AGM's new on-board ballistic calculator. A newly designed eyepiece gives the Evolver a very versatile 2.5X base magnification, which can then be digitally zoomed up to 20X on the high end. This means hog hunters will enjoy a base magnification low enough for close range engagements, while predator hunters can comfortably zoom to 5X while still enjoying a crisp 640 resolution before zooming further. AGM's powerful new imaging algorithm and new semi-circular display give shooters a feeling of precision and sophistication. Large sturdy buttons were designed to aid gloved fingers in cold winter weather, while the removable rechargeable NE-4400 battery offers current and future AGM customers one of the most robust and easy to install battery systems on the market. And of course, a full firmware package has been incorporated to allow users an astonishing level of customization: on-board pitch scale, 10 brightness and contrast settings, warm & cold viewing modes, multiple color palettes, manual focus, picture in picture, ballistic calculation, on-board video recording with sound, 1000y/m laser range finding, wifi hotspot, multiple zeroing profiles, shot activated video recording, defective pixel repair, hotspot locator and multiple laser range finding modes. Also included is an American-made ADM mounting system.

- 12 micron detector with 1280x1024 resolution
- Sub-18mK thermal sensitivity
- Fast 50 Hz imaging
- Built-in 1,000m laser rangefinder
- Various reticle types and colors
- Ballistic calculator
- 1x, 2x, 4x, 8x digital zoom
- Large OLED display with 2560x2560 resolution
- On-board video/audio recording and image capture
- Shot Activated Recording (SAR) function
- Built-in EMMC storage (64 GB)
- Wi-Fi data transmission
- Standby mode
- More than 4 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

Detector Type	12µm VOx Uncooled Focal Plane Array
Resolution	1280 × 1024
Frame Rate	25 fps
NETD	Less than 18 mK (@25°C), F#=1.0
Lens System	65mm, F 1.0
Field of View (H×V)	13.5° × 10.8°
Magnification	2.5x – 20x
Digital Zoom	1x, 2x, 4x, 8x
Detection Range (6' object)	3,250 m
Eye Relief	45 mm
Exit Pupil	6 mm
Diopter Adjustment	-5 to +5 dpt
Monitor	2560 × 2560, 1.03 inch, OLED
FFC (Flat Field Correction)	Auto, Semi-Auto, Manual,
Palettes	Black Hot, White Hot, Red Hot, Fusion
Reticle	10 types, 4 colors, on/off
Boresight Adjustment	Digital Controlled
Laser Range Finder	Up to 1000 m, ±4 m accuracy
Minimum Measuring Distance	10 m
Laser Wavelength	905 nm
Laser Safety Class	Class 1
Ballistic Calculation	Yes
Highest Temperature Spot Tracking	Yes
Defective Pixel Correction	Yes
WiFi Hotspot	Yes
Standby Mode	Yes
Picture-in-Picture Mode	Yes
Burn Prevention	Yes
Built-in Storage	64 GB EMMC
Video with Audio Recording	Yes (1280×1280)
Image Capture	Yes (1280×1280)
Shot Activated Recording (SAR)	Yes
Battery Type	NA-4400 Replacable and Rechargeable Li-ion Battery (4,400 mAh)
Battery Life (WiFi and LRF off)	4 h (25 °C)
External Power	5 VDC/2 A, USB Type-C
Working Temperature	-30°C to 55°C (-22°F to 131°F)
Protection Level	IP67
Max/ Recoil	1,000 g / 0.4 ms
Dimensions (w/o mount)	270 × 115 × 88 mm (10.6 × 4.5 × 3.4 in)
Weight (w/o mount and battery)	0.79 kg (1.75 lb)

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



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