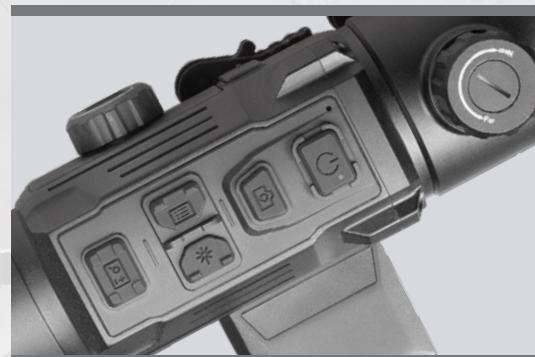


EVOLVER LRF 1280

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 65mm 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-18 mK thermal sensitivity
- 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 x 1024
Refresh Rate	25 fps
NETD	Less than 18 mK (@25°C), F#=1.0
Detection Range (6' object)	3,250 m
Lens System	65 mm, F/ 1.0
Magnification	2.5x - 20x
Field of View (HxV)	13.5° x 10.8°
Eye Relief	45 mm
Exit Pupil	6 mm
Diopter Adjustment	-5D to +5D
Display	2560 x 2560, 1.03 inch, OLED
Picture-in-Picture (PiP)	Yes
Hot Tracking	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion
Scene Mode	General, Compressed
Brightness Adjustment	Yes
Contrast Adjustment	Yes
Sharpness Adjustment	Yes
Tone Adjustment	Cold, Warm
Flat Field Correction (FFC)	Auto, Semi-Auto, Manual,
Defective Pixel Correction (DPC)	Yes
Burn Prevention	Yes
Distance Measurement	Built-In Laser Rangefinder (10 m to 1000 m, ±1 m accuracy)
Ballistic Calculation	Yes
Reticle	10 types, 4 colors, on/off
Boresight Adjustment	Digital Controlled
WiFi Hotspot	Yes
Video Recording	Yes (1280x1280)
Image Capture	Yes (1280x1280)
Audio Recording	Yes
Shot Activated Recording (SAR)	Yes
Storage	Built-in EMMC (64 GB)
Standby Mode	Yes
Battery Type	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)
Battery Life (operating)	4 h (25 °C)
External Power	5 VDC/2 A, USB Type-C
Operating 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 x 115 x 88 mm (10.6 x 4.5 x 3.4 in)
Weight (w/o mount and battery)	0.79 kg (1.75 lb)

Package Includes: Thermal Imaging Rifle Scope, Quick Release Mount, Two NE-4400 Batteries, Type-C USB Cable, NE-4400 Battery Charger, Lens Tissue, Quick Start Guide, User Manual, Carrying Case.

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



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