

## AGM EVOLVER LRF 1280

Thermal Imaging Rifle Scope

- 12 $\mu$ m thermal detector
- High thermal sensitivity, NETD < 18mK
- Fast 50Hz imaging
- Built-in laser rangefinder
- Adjustable color palettes
- High resolution OLED display
- Various reticle types and colors
- 1x, 2x, 4x, 8x digital zoom
- Built-in EMMC storage (64 GB)
- Wi-Fi data transmission
- Standby mode
- On-board video/audio recording and image capture
- More than 4 hours battery life
- External power supply compatibility
- Waterproof & shockproof



The AGM Evolver LRF 1280 provides unrivaled image quality in a compact housing. It is equipped with a 65mm Germanium lens and a 1280x1024 resolution thermal sensor. It was also built with a fully integrated 1000m laser rangefinder and a new AGM 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. Users, while enjoying a base magnification for close-range engagements, can comfortably zoom to 5x and still enjoy a crisp 640 resolution before zooming further.

New powerful imaging algorithm and new semicircular display give shooters a feeling of precision and sophistication. Large sturdy buttons were designed to aid gloved fingers in cold winter weather. The removable rechargeable NE-4400 battery offers robust and easy-to-install battery systems.

**STANDARD ACCESSORIES:** Quick Release Mount, NE-4400 batteries (2), NE-4400 battery Charger, Type-C USB Cable, Lens Tissue, Carrying Case

**OPTIONAL ACCESSORIES:** Hard Waterproof Case, Cleaning Systems

Specifications:	AGM EVOLVER LRF 1280
<b>SENSOR</b>	
Type	12µm VOx Uncooled Focal Plane Array
Resolution, pixels	1280 × 1024
NETD	Less than 18 mK (@25°C), F#=1.0 L
Frame Refresh Rate, Hz	25
<b>OPTICS</b>	
Objective Lens	65 mm; F/1.0
Optical Magnification, x	2.5x – 20x
Digital Zoom	1x, 2x, 4x, 8x
Field of View (HxV)	13.5° × 10.8°
Eye Relief, mm	45
Exit Pupil, mm	6
Diopter Adjustment	-5D to +3D
Detection Range, m	3250
<b>DISPLAY</b>	
Type	2560 × 2560, 1.03 inch, OLED
Picture-in-Picture (PiP)	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion
Flat Field Correction (FFC)	Auto, Manual, External Correction
Defective Pixels Correction (DPC)	Yes
Burn Prevention	Yes
<b>RANGE PERFORMANCE</b>	
Laser Range Finder	Up to 1000 m, ±4 m accuracy
Laser Wavelength	905 nm
Laser Safety Class	Class 1
Ballistic Calculation	Yes
<b>Wi-Fi and VIDEO RECORDER</b>	
WiFi Hotspot	Yes
Video/Audio Recording	Yes
Image Capture	Yes
Shot Activated Recording (SAR)	Yes
Built-in Memory, Gb	64
<b>ENVIRONMENTAL</b>	
Protection Level	IP67
Operating Temperature Range, °C	-30°C to 55°C
<b>CONNECTIONS AND COMPATIBILITIES</b>	
Max. Recoil Power	1,000 g / 0.4 ms
Boresight Adjustment	Digital Controlled
Reticles	10 types, 4 colors, on/off
<b>POWER SUPPLY</b>	
Battery Type	One replaceable rechargeable NE-4400 Li-Ion battery (two NE-4400 batteries included)
Battery Life at 22°C, h	4 hours
External Power Supply	5 VDC/2 A, USB Type-C
<b>WEIGHT/SIZE</b>	
Dimensions (w/o mount), mm	270 × 115 × 88
Weight (w/o mount and battery), kg	0.79