

VARMINT V² LRF

THERMAL IMAGING RIFLESCOPE WITH LASER RANGEFINDER

The NEW VarmintV2 LRF's are the latest product family to get a heavily anticipated face lift due to AGM's steadfast commitment to continuous improvement. The New Varmints stay true to their roots by continuing to utilize many of the popular features that were incorporated into the original Varmint LRF riflescopes, like a fully integrated laser range finder, a compact and lightweight housing and 18650 removable rechargeable battery power. However, the VarmintV2 family does get some serious upgrades as well, including, but not limited to: an incredible new sub-20mK 12 micron thermal sensor, an on-board ballistic calculator, a new user interface, more customizable image settings and recoil activated video with sound.

Offered in both 384 and 640 resolution options the base magnification options on the four models in this family range anywhere from 2x to 4.5x, which captures the entire range of hog and predator hunting scenarios. Users will surely be impressed by what the new sub-20mK thermal sensor can do when paired with a crisp high resolution OLED display. Of course, external power is always an option through the USB Type C power port, and the AGM Connect app compatibility make pulling your images and videos off quick and easy as ever. Also, every unit continues to ship with an American-made ADM mount, which makes removing and re-mounting to multiple rifles as seamless as ever. Protected by AGM's industry best customer service and fully transferrable 5-year warranty.

- Incredible sub-20mK 12 micron thermal sensor
- Fast 50 Hz imaging
- 1x, 2x, 4x, 8x Digital zoom
- Adjustable color palettes
- Built-in precision eye-safe laser rangefinder
- High resolution OLED display
- On-board ballistic calculator
- Various reticle types and colors
- Picture-in-Picture mode
- Recoil-activated video with sound
- Built-in EMMC storage (16 GB)
- Wi-Fi data transmission
- Standby mode
- Up to 6 hours battery life (depending on model)
- External power supply compatible
- ADM quick release mount
- 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

	VARMINT V ² LRF 35-384	VARMINT V ² LRF 50-384	VARMINT V ² LRF 35-640	VARMINT V ² LRF 50-640
Detector Type	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array
Resolution	384 × 288	384 × 288	640 × 512	640 × 512
Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz
Response Waveband	8 µm to 14 µm	8 µm to 14 µm	8 µm to 14 µm	8 µm to 14 µm
NETD	Less than 20 mk (@25°C, F#=1.0)	Less than 20 mk (@25°C, F#=1.0)	Less than 20 mk (@25°C, F#=1.0)	Less than 20 mk (@25°C, F#=1.0)
Lens System	35 mm; F1.0	50 mm; F1.0	35 mm; F1.0	50 mm; F1.0
Field of View (H×V)	7.5° × 5.7°	5.3° × 4.0°	12.5° × 10.0°	8.8° × 7.0°
Magnification	3x – 24x	4.5x – 36x	2x – 16x	2.5x – 20x
Digital Zoom	Multiple 1x, 2x, 4x, 8x or Continuous	Multiple 1x, 2x, 4x, 8x or Continuous	Multiple 1x, 2x, 4x, 8x or Continuous	Multiple 1x, 2x, 4x, 8x or Continuous
Detection Range (6' object)	1,800 m/yd	2,600 m/yd	1,800 m/yd	2,600 m/yd
Eye Relief	45 mm	45 mm	45 mm	45 mm
Monitor	1024x768, 0.39 inch, OLED	1024x768, 0.39 inch, OLED	1024x768, 0.39 inch, OLED	1024x768, 0.39 inch, OLED
FFC (Flat Field Correction)	Auto, Manual, External Correction	Auto, Manual, External Correction	Auto, Manual, External Correction	Auto, Manual, External Correction
Palettes	Black Hot, White Hot, Red Hot, Fusion	Black Hot, White Hot, Red Hot, Fusion	Black Hot, White Hot, Red Hot, Fusion	Black Hot, White Hot, Red Hot, Fusion
Highest Temperature Spot Tracking	Yes	Yes	Yes	Yes
Scene Mode	Jungle, Recognition	Jungle, Recognition	Jungle, Recognition	Jungle, Recognition
Reticle	10 types, 4 colors, on/off	10 types, 4 colors, on/off	10 types, 4 colors, on/off	10 types, 4 colors, on/off
Laser Range Finder	Up to 600 m, ±1 m accuracy	Up to 600 m, ±1 m accuracy	Up to 600 m, ±1 m accuracy	Up to 600 m, ±1 m accuracy
Laser Wavelength	905 nm	905 nm	905 nm	905 nm
Laser Safety Class	Class 1	Class 1	Class 1	Class 1
Boresight Adjustment	Digital Controlled	Digital Controlled	Digital Controlled	Digital Controlled
Boresight Increment	0.13 mil / 0.44 MOA	0.09 mil / 0.31 MOA	0.22 mil / 0.73 MOA	0.15 mil / 0.51 MOA
Ballistic Calculator	Yes	Yes	Yes	Yes
WiFi Hotspot	Yes	Yes	Yes	Yes
Sleep Mode	Yes	Yes	Yes	Yes
Picture In Picture Mode	Yes	Yes	Yes	Yes
Burn Prevention	Yes	Yes	Yes	Yes
Built-in Storage	16 GB EMMC	16 GB EMMC	16 GB EMMC	16 GB EMMC
Video Recording	On-board video recording	On-board video recording	On-board video recording	On-board video recording
Image Capture	Yes	Yes	Yes	Yes
CVBS Output	Yes (via USB)	Yes (via USB)	Yes (via USB)	Yes (via USB)
Battery Type	One 18650 (3.7V) Lithium Rechargeable Batteries	One 18650 (3.7V) Lithium Rechargeable Batteries	One 18650 (3.7V) Lithium Rechargeable Batteries	One 18650 (3.7V) Lithium Rechargeable Batteries
Battery Operating Time (WiFi off)	Over 6 hours	Over 6 hours	Over 5 hours	Over 5 hours
Battery Capacity Display	Yes	Yes	Yes	Yes
External Power	5 VDC/2 A, USB Type-C	5 VDC/2 A, USB Type-C	5 VDC/2 A, USB Type-C	5 VDC/2 A, USB Type-C
Working Temperature	-20°C to 55°C (-4°F to 131°F)	-20°C to 55°C (-4°F to 131°F)	-20°C to 55°C (-4°F to 131°F)	-20°C to 55°C (-4°F to 131°F)
Protection Level	IP67	IP67	IP67	IP67
Drop Test Height	1.5 m (4.9 ft)	1.5 m (4.9 ft)	1.5 m (4.9 ft)	1.5 m (4.9 ft)
Dimensions (w/o mount)	214 × 67 × 87 mm (8.4 × 2.6 × 3.4 in)	227 × 74 × 87 mm (8.9 × 2.9 × 3.4 in)	214 × 67 × 87 mm (8.4 × 2.6 × 3.4 in)	227 × 74 × 87 mm (8.9 × 2.9 × 3.4 in)
Weight (w/o batteries)	518 g (1.14 lb)	585 g (1.29 lb)	518 g (1.14 lb)	585 g (1.29 lb)

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



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