

ADDER

THERMAL IMAGING RIFLESCOPE

The AGM Adder Thermal Riflescopes pack all the technology and advanced electronics into the historically familiar 30mm tube rifle scope housing. The Adder pairs a 35mm or 50mm Germanium lens with an upgraded sub-35mK thermal detector and a 1024x768 OLED display, to provide one of the best images AGM has produced to date. Unlike smaller lenses with larger microns, AGM 12 micron sensors allows predator hunters to start at a higher base magnification, which eliminates the inevitable degradation of the resolution that is required for low base magnification units. Other enhancements include an impressive 15 hours of battery life on two internal 18650 rechargeable batteries, 5 internal reticle options, and shot-activated video recording, which, when enabled, ensure that hunters forgetting to press the record button is a thing of the past!

The entire Adder product family also comes with a high-quality, one-piece, 30mm quick-detach mount from American Defense Manufacturing. These mounts allow for sliding the scope both forward and backwards to provide optimal eye relief for shooters using a wide array of different shooting platforms. Other features include, but aren't limited to: 50 Hz refresh rate, IP67 waterproof rating, external power capability, 64GB of on-board memory, 5 different reticle options, Wi-Fi and AGM Connect app compatibility, multiple color palettes, audio recording, emergency CR123 battery power, and of course AGM's 5 Year Transferable Warranty.

- 384×288 or 640×512 thermal resolution
- 12µm high-sensitivity detector
- Fast 50 Hz imaging
- High-resolution OLED display
- 1x, 2x, 4x, 8x digital zoom
- On-board video and audio recording
- Shot Activated Recording (SAR)
- Wi-Fi data transmission
- Fast 64GB EMMC built-in storage
- Various reticle types and colors
- Adjustable color palettes
- Standby mode
- Waterproof & shockproof
- Dual power system
- Up to 15 hours continuous working
- External power supply capability
- 5-year warranty



SPECIFICATIONS

	Adder TS35-384	Adder TS50-384	Adder TS35-640	Adder TS50-640
Detector	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array
NETD	< 35 mK (25°C, F# = 1.0)	< 35 mK (25°C, F# = 1.0)	< 35 mK (25°C, F# = 1.0)	< 35 mK (25°C, F# = 1.0)
Resolution	384 x 288	384 x 288	640 x 512	640 x 512
Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz
Lens System	35 mm; F/1.0	50 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Magnification	3x - 24x	4x - 32x	2x - 16x	2.5x - 20x
Field of View	7.5° x 5.6°	5.4° x 4.0°	12.5° x 10.0°	8.8° x 7.0°
Detection Range	1,800 m	2,600 m	1,800 m	2,600 m
Digital Zoom	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x
Eye Relief	≥ 60 mm	≥ 60 mm	≥ 60 mm	≥ 60 mm
Diopter Adjustment	-5 to +5 dpt	-5 to +5 dpt	-5 to +5 dpt	-5 to +5 dpt
Display	1024x768, 50 Hz, OLED	1024x768, 50 Hz, OLED	1024x768, 50 Hz, OLED	1024x768, 50 Hz, OLED
Reticle	5 types, 4 colors, on/off	5 types, 4 colors, on/off	5 types, 4 colors, on/off	5 types, 4 colors, on/off
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
Distance Measurement	Yes (Stadiametric)	Yes (Stadiametric)	Yes (Stadiametric)	Yes (Stadiametric)
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
Scene Mode	Jungle, Recognition	Jungle, Recognition	Jungle, Recognition	Jungle, Recognition
Shot Activated Recording (SAR)	Yes	Yes	Yes	Yes
Picture In Picture Mode (PIP)	Yes	Yes	Yes	Yes
Wi-Fi Hotspot	Yes	Yes	Yes	Yes
Standby Mode	Yes	Yes	Yes	Yes
Video/Audio Recording	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Image Capture	Yes	Yes	Yes	Yes
Defective Pixels Correction (DPC)	Yes	Yes	Yes	Yes
Uniformity Correction	Auto, Manual, External Correction	Auto, Manual, External Correction	Auto, Manual, External Correction	Auto, Manual, External Correction
Storage	64 GB EMMC	64 GB EMMC	64 GB EMMC	64 GB EMMC
Battery Type	Two 18650 Rechargeable Batteries (built-in) and one CR123 Battery	Two 18650 Rechargeable Batteries (built-in) and one CR123 Battery	Two 18650 Rechargeable Batteries (built-in) and one CR123 Battery	Two 18650 Rechargeable Batteries (built-in) and one CR123 Battery
Battery Life (Operating, 20°C)	Up to 15 hr	Up to 15 hr	Up to 13 hr	Up to 13 hr
Power Supply	5 VDC/2 A, USB Type-C Supports QC3.0	5 VDC/2 A, USB Type-C Supports QC3.0	5 VDC/2 A, USB Type-C Supports QC3.0	5 VDC/2 A, USB Type-C Supports QC3.0
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)	-30°C to +55°C (-22°F to +131°F)	-30°C to +55°C (-22°F to +131°F)	-30°C to +55°C (-22°F to +131°F)
Degree of Protection	IP67	IP67	IP67	IP67
Weight (w/o mount)	890 g (1.96 lb)	970 g (2.14 lb)	890 g (1.96 lb)	970 g (2.14 lb)
Overall Dimensions (w/o mount)	407 x 78x 76 mm (16.0 x 3.1 x 3.0 in)	420 x 78 x 82 mm (16.5 x 3.1 x 3.2 in)	407 x 78x 76 mm (16.0 x 3.1 x 3.0 in)	420 x 78 x 82 mm (16.5 x 3.1 x 3.2 in)

Specifications are subject to change without notice.



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