

# SEEKER

## THERMAL IMAGING MONOCULAR



The AGM Seeker Thermal Monocular series is the newest addition to what is already the most extensive thermal product assortment in the world! The Seeker series boasts a wide range of Germanium lens sizes and industry-leading 12 micron, sub-20mk thermal detectors. These physical attributes provide users with some of the best image quality AGM has produced to date with potential detection ranges up to 1250 meters. The Seekers also bring many new advancements to the product category which users have been clamoring for. These handheld monoculars come equipped with the most sensitive thermal sensor on the market, providing users with a stunning advancement in image clarity and background detail. Also, this units utilize a removable, non-proprietary 18650 rechargeable battery which powers the unit by offering 7 hours of operating time, built-in to a new robust rubber armored housing for added durability and protection.

The Seeker also comes packed with numerous software improvements, and many features that have become commonplace within the AGM thermal product assortment: F1.0 aperture optics, 50Hz refresh rate, 64GB of built-in memory (highest in its class), Wi-Fi compatibility to pair with the AGM Connect App, an IP67 waterproof rating, USB Type-C port for external power capabilities, 4 color palettes. The Seekers are built for well-rounded use and would work great for hunting, farming/herd protection, building security, law enforcement, search & rescue, boating, camping and other general outdoors activities.

- 12µm, 384×288 resolution detector
- Highest thermal sensitivity (NETD <20mK)
- Advanced image processing (Digital Detail Enhancement, digital Noise Reduction and NLM algorithm)
- 50 Hz image frame rate
- 1024×768 resolution OLED display
- Built-in memory supports video recording and image capture
- 64 GB memory module
- Wi-Fi hotspot
- 1x, 2x, 4x and 8x digital zoom
- Replaceable and rechargeable Li-Ion battery
- 7 hours battery life
- External power supply capability
- Rugged housing with rubber overmolding
- Waterproof
- 3-year warranty



## SPECIFICATIONS

Model	Seeker 15-384	Seeker 19-384	Seeker 25-384
Detector Type	12µm Vanadium Oxide Uncooled Focal Plane Array	12µm Vanadium Oxide Uncooled Focal Plane Array	12µm Vanadium Oxide Uncooled Focal Plane Array
Resolution	384x288	384x288	384x288
Refresh Rate	50 Hz	50 Hz	50 Hz
Response Waveband	8µm to 14µm	8µm to 14µm	8µm to 14µm
NETD	≤ 20 mk (@25°C), F#=1.0	≤ 20 mk (@25°C), F#=1.0	≤ 20 mk (@25°C), F#=1.0
Detection Range (6' object)	780 m	960 m	1250 m
Lens System	15 mm; F1.0	19 mm; F1.0	25 mm; F1.0
Field of View (H x V)	17.5° x 13.1°	13.8° x 10.4°	10.5° x 7.9°
Magnification	1.5x - 12x	2x - 16x	2.5x - 20x
Digital Zoom	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x
Diopter Adjustment	-5 to +3 dpt	-5 to +3 dpt	-5 to +3 dpt
Monitor	1024x768, OLED	1024x768, OLED	1024x768, OLED
FFC (Flat Field 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
Image Boost	Yes	Yes	Yes
Highest Temperature Spot Tracking	Yes	Yes	Yes
Wi-Fi Hotspot	Yes	Yes	Yes
Standby Mode	Yes	Yes	Yes
Storage	Built-in memory (64 GB)	Built-in memory (64 GB)	Built-in memory (64 GB)
Video Recording	Yes (on-board)	Yes (on-board)	Yes (on-board)
Image Capture	Yes	Yes	Yes
Battery Type	One 18650 Replaceable rechargeable Lithium battery	One 18650 Replaceable rechargeable Lithium battery	One 18650 Replaceable rechargeable Lithium battery
Battery Life	6.5 hours	6.5 hours	6.5 hours
Power	5 VDC/2 A, 1.75 W	5 VDC/2 A, 1.75 W	5 VDC/2 A, 1.75 W
Interface	USB Type-C	USB Type-C	USB Type-C
Working Temperature	-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)
Protection Level	IP67	IP67	IP67
Dimensions	158 x 61 x 57 mm (6.23 x 2.4 x 2.2 in)	171 x 61 x 57 mm (6.73 x 2.4 x 2.2 in)	171 x 61 x 57 mm (6.73 x 2.4 x 2.2 in)
Weight	0,3 kg (0.69 lb)	0,32 kg (0.73 lb)	0,32 kg (0.73 lb)

Specifications are subject to change without notice.



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