

# 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 1200 meters. The Seekers also bring many new advancements to the product category which users have been clamoring for. These hand-held 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, rechargeable 18650 battery to power the device for over 6.5 hours of use, 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, 16GB of built-in memory, 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.

- Upgraded sub-20mK 12 micron thermal detector
- 384x288 resolution
- 50 Hz image frame rate
- Advanced image processing
- 1024x768 resolution OLED display
- Built-in recording with sound
- 16 GB memory module
- Wi-Fi hotspot
- 1x, 2x, 4x and 8x digital zoom
- Auto screen off with tilt sensor
- Replaceable and rechargeable Li-Ion battery
- Over 6.5 hours of battery life
- External power supply capability
- Rugged housing with rubber overmolding
- Waterproof
- Compatible with AGM Connect App
- 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

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	1200 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
Distance Measurement	Yes (Stadiametric)	Yes (Stadiametric)	Yes (Stadiametric)
Picture-In-Picture Mode	Yes	Yes	Yes
Highest Temperature Spot Tracking	Yes	Yes	Yes
Wi-Fi Hotspot	Yes	Yes	Yes
Standby Mode	Yes	Yes	Yes
Tilt Sensor	Yes	Yes	Yes
Video Recording	Yes	Yes	Yes
Audio Recording	Yes	Yes	Yes
Image Capture	Yes	Yes	Yes
Storage	16 GB	16 GB	16 GB
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.  
Images are for illustration purposes only.



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