

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 multiple germanium lens sizes which are paired with an industry-leading 384 resolution 12 micron, sub-20mK thermal detector. The Seekers also bring many new advancements to the product family which users have been clamoring for in the original Taipan monoculars. These primary improvements include moving from a non-removable rechargeable internal battery to a single removable rechargeable 18650, a new sub-20mK thermal sensor and a new 90 degree tilt sensor which powers off the display to save battery life!

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 and 4 color palettes. They also utilize a wider rubber eyepiece to make viewing the 1024 OLED display extremely comfortable in the field when viewing for long periods of time in a single session. The Seekers are built for well-rounded use and would work great for hunting, farming/herd protection, law enforcement, search & rescue, boating, camping and other general outdoors activities. And of course, all Seeker models will come with AGM's 5 year transferable warranty.

- 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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