

TAIPAN V²

19-320

THERMAL IMAGING MONOCULAR

The AGM TaipanV² Thermal Monocular series is the newest addition to what is already the most extensive thermal product assortment in the world! The TaipanV² series boasts multiple objective lens sizes which are paired with an industry-leading 12 micron thermal detectors. The TaipanV² 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 320x256 thermal sensor and a new 90 degree tilt sensor which powers off the display to save battery life!

The TaipanV² 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 1280 LCOS display extremely comfortable in the field when viewing for long periods of time in a single session. The TaipanV² 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 TaipanV² models will come with AGM's 5 year transferable warranty.



- Upgraded sub-35mK 12 micron thermal detector
- 320x256 resolution
- 50 Hz image frame rate
- Advanced image processing
- 1280x960 resolution LCOS display
- Built-in recording with sound
- 16 GB memory module
- Wi-Fi hotspot
- Magnification - 3x - 22.5x
- Auto screen off with tilt sensor
- Replaceable and rechargeable Li-Ion battery
- Up to 6 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	TaipanV² 19-320
Detector Type	12µm VOx Uncooled Focal Plane Array
Resolution	320x256
Refresh Rate	50 Hz
Response Waveband	8µm to 14µm
NETD	Less than 35 mK (25°C, F#=1.0)
Detection Range (6' object)	950 m
Lens System	19 mm; F/1.0
Magnification	3x - 22.5x
Field of View (H x V)	9.2° x 6.9°/16.2 m x 12.1 m
Exit Pupil	6 mm
Eye Relief	20 mm
Diopter Adjustment	-4D to +4D
Minimum Focusing Distance	1.9 m
Focus Mode	Focus Ring
Display	1280x960, 0.4 inch, LCOS
Picture-in-Picture (PiP)	Yes
Hot Tracking	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion
Scene Modes	General, Compressed
Brightness Adjustment	Yes
Contrast Adjustment	Yes
Tone Adjustment	Cold, Warm
Flat Field Correction (FFC)	Auto, Semi-Auto, Manual
Distance Measurement	Yes (Stadiametric)
WiFi Hotspot	Yes
Video/Audio Recording	Yes / Yes
Image Capture	Yes
CVBS Output	Yes
Storage	Built-in EMMC (16 GB)
Standby Mode	Yes
Battery Type	One replaceable rechargeable 18650 Li-Ion battery
Battery Life (operating)	Up to 6 hours continuous running (@25°C, WiFi off)
External Power Supply	5 VDC/2 A, USB Type-C
Operating Temperature	-30°C to +55°C (-22°F to 131°F)
Protection Level	IP67 (Waterproof)
Dimensions	173 x 60 x 64 mm (6.8 x 2.4 x 2.5 in)
Weight (w/o batteries)	0.3 kg (0.66 lb)

Package Includes: Thermal Imaging Monocular, Two 18650 Batteries, Power Adapter, Type-C USB Cable, 18650 Battery Charger, Lens Cloth, Quick Start Guide, User Manual, Wrist Strap, Protective Bag.

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



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