

# TAIPAN V<sup>2</sup> 256

## THERMAL IMAGING MONOCULAR



The AGM TaipanV<sup>2</sup> Thermal Monocular series is the newest addition to what is already the most extensive thermal product assortment in the world! The TaipanV<sup>2</sup> series boasts multiple objective lens sizes which are paired with an industry-leading 256 resolution 12 micron, sub-35mK thermal detector. The TaipanV<sup>2</sup> 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 and a new 90 degree tilt sensor which powers off the display to save battery life!

The TaipanV<sup>2</sup> also comes packed with numerous software improvements, and many features that have become commonplace within the AGM thermal product assortment: F/1.0 aperture optics, 50 Hz 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 TaipanV<sup>2</sup> 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 TaipanV<sup>2</sup> models will come with AGM's 5 year transferable warranty.

- Upgraded sub-35 mK 12 micron thermal detector
- 256×192 resolution
- 50 Hz image frame rate
- Advanced image processing
- 1280×960 resolution LCOS display
- Built-in recording with sound
- 16 GB memory module
- Wi-Fi hotspot
- Auto screen off with tilt sensor
- Replaceable and rechargeable Li-Ion battery
- Up to 7 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	TaipanV <sup>2</sup> 10-256	TaipanV <sup>2</sup> 15-256
Detector Type	12µm VOx Uncooled Focal Plane Array	12µm VOx Uncooled Focal Plane Array
Resolution	256x192	256x192
Refresh Rate	50 Hz	50 Hz
Response Waveband	8µm to 14µm	8µm to 14µm
NETD	Less than 35 mK (25°C, F#=1.0)	Less than 35 mK (25°C, F#=1.0)
Detection Range (6' object)	500 m	750 m
Lens System	10 mm; F/1.0	15 mm; F/1.0
Magnification	1.5x - 12x	2x - 17.5x
Field of View (H x V)	17.5° x 13.1°/30.8 m x 23 m	11.7° x 8.8°/20.5 m x 15.4 m
Exit Pupil	6 mm	6 mm
Eye Relief	20 mm	20 mm
Diopter Adjustment	-4D to +4D	-4D to +4D
Minimum Focusing Distance	1 m	1.5 m
Focus Mode	Fixed-focus	Fixed-focus
Display	1280x960, 0.4 inch, LCOS	1280x960, 0.4 inch, LCOS
Picture-in-Picture (PiP)	Yes	Yes
Hot Tracking	Yes	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion	Black Hot, White Hot, Red Hot, Fusion
Scene Modes	General, Compressed	General, Compressed
Brightness Adjustment	Yes	Yes
Contrast Adjustment	Yes	Yes
Tone Adjustment	Cold, Warm	Cold, Warm
Flat Field Correction (FFC)	Auto, Semi-Auto, Manual	Auto, Semi-Auto, Manual
Distance Measurement	Yes (Stadiametric)	Yes (Stadiametric)
WiFi Hotspot	Yes	Yes
Video/Audio Recording	Yes / Yes	Yes / Yes
Image Capture	Yes	Yes
CVBS Output	Yes	Yes
Storage	Built-in EMMC (16 GB)	Built-in EMMC (16 GB)
Standby Mode	Yes	Yes
Battery Type	One replaceable rechargeable 18650 Li-Ion battery (two 18650 batteries included)	One replaceable rechargeable 18650 Li-Ion battery (two 18650 batteries included)
Battery Life (operating)	Up to 7 hours (@25°C, WiFi off)	Up to 7 hours (@25°C, WiFi off)
External Power Supply	5 VDC/2 A, USB Type-C	5 VDC/2 A, USB Type-C
Operating Temperature	-30°C to +55°C (-22°F to 131°F)	-30°C to +55°C (-22°F to 131°F)
Protection Level	IP67 (Waterproof)	IP67 (Waterproof)
Dimensions	165 x 60 x 64 mm (6.3 x 2.4 x 2.5 in)	165 x 60 x 64 mm (6.3 x 2.4 x 2.5 in)
Weight (w/o batteries)	0.27 kg (0.6 lb)	0.28 kg (0.61 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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