

TAIPAN V² 256

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 256 resolution 12 micron, sub-35mK thermal detector. 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 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
- 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 ² 10-256	TaipanV ² 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)
Lens (Focal Length)	10 mm; F1.0	15 mm; F1.0
Field of View (H × V)	17.5° × 13.1°/30.8 m x 23 m	11.7° × 8.8°/20.5 m x 15.4 m
Magnification	1.5x, 3x, 6x, 12x	2x, 4x, 9x, 17.5x
Focus Mode	Fixed-focus	Fixed-focus
Min. Focusing Distance	1 m	1.5 m
Detection Range (6' object)	500 m	750 m
Monitor	1280x960, 0.4 inch, LCOS	1280x960, 0.4 inch, LCOS
Diopter Adjustment	-4 D to +4 D	-4 D to +4 D
FFC (Flat Field Correction)	Auto, Semi-Auto, Manual	Auto, Semi-Auto, Manual
Palettes	Black Hot, White Hot, Red Hot, Fusion	Black Hot, White Hot, Red Hot, Fusion
Exit Pupil	6 mm	6 mm
Eye Relief	20 mm	20 mm
Scene Mode	General, Compressed	General, Compressed
Brightness Adjustment	Yes	Yes
Tone Adjustment	Cold, Warm	Cold, Warm
Contrast Adjustment	Yes	Yes
Hotspot	Yes	Yes
Standby Mode	Yes	Yes
Built-in Storage	Built-in EMMC (16 GB)	Built-in EMMC (16 GB)
Video/Audio Recording	Yes / Yes	Yes / Yes
Image Capture	Yes	Yes
Hot Track	Yes	Yes
Distance Measurement	Yes	Yes
PIP	Yes	Yes
Battery Type	One 18650 Replaceable rechargeable Lithium battery	One 18650 Replaceable rechargeable Lithium battery
Battery Life	Up to 7 hours continuous running (@25°C, WiFi off)	Up to 7 hours continuous running (@25°C, WiFi off)
Power	5 VDC/2 A, USB Type-C interface. Supports external power supply	5 VDC/2 A, USB Type-C interface. Supports external power supply
Working 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 × 60 × 64 mm (6.3 × 2.4 × 2.5 in)	165 × 60 × 64 mm (6.3 × 2.4 × 2.5 in)
Weight (w/o batteries)	0.27 kg (0.6 lb)	0.28 kg (0.61 lb)

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



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