



AGM  
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VISION

# ANACONDA TC50-640

## THERMAL IMAGING CLIP-ON



The AGM Anaconda is a compact thermal imaging clip-on system that allows quick transformation of the day optics into a thermal imaging device without any special tools or accessories. The Anaconda can be easily attached on up to 8x magnification scopes for medium range use.

Powered by two CR123 batteries the unit provides up to 5 hours of continuous operation. An optional high-capacity external battery pack (5V) is capable of increasing the total operation time to up to 44 hours.

The Anaconda can also be connected to an optional video recorder for shooting real time video or an external Wi-Fi module to connect with smartphones.

- Quick conversion of daytime optics into thermal imaging scope
- Mounts in front of any daytime scope, no re-zeroing is required
- FLIR Tau 2 17 $\mu$ m pitch thermal sensor
- Lightweight and robust design
- Easy to operate device
- Manually adjustable objective lens
- Real-time display
- Multiple color palettes
- Wireless remote control
- Waterproof
- External Wi-Fi module (optional)
- Optional video recording
- Integral MIL-STD-1913 rails for optional accessories
- Powered by two standard CR123A batteries
- External power supply via micro USB
- Limited 3-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.

[www.agmglobalvision.com](http://www.agmglobalvision.com)

## SPECIFICATIONS

	Anaconda TC50-640
Detector	FLIR Tau 2 17µm Uncooled Microbolometer
Resolution	640x512
Video Refresh Rate	30 Hz
Start Up	3 seconds
Lens System	50 mm; F/1.0
Optical Magnification	1x
Field of View (H x V)	14.8° x 11.8°
Detection Range (6' object)	1500 m/yd
Digital Zoom	1x, 2x, 4x, 8x
Exit Pupil Diameter	25 mm
Focusing Range	5 m to infinity
Display Resolution	800x600 pixels
Video Output	PAL (768x574 pixels) / NTSC (640x480 pixels)
Temperature Imaging Palettes	White Hot, Black Hot, Fusion, Rainbow, Globow, Ironbow1, Ironbow2, Sepia, Color1, Color2, Ice-Fire, Rain, and OEM
Remote Control	Wireless (Activates/ Deactivates the scope in Standby Mode)
Interfacing	Micro-USB (Power bank 5V); Universal S620 connector (Power In, Analog Video In/Out, Wi-Fi Attachment, HD Recorder, Extended Battery Pack)
Battery Type	Two CR123A 3V Lithium batteries or two CR123 type rechargeable batteries with voltage from 3.0V to 3.7V
Battery Life (Operating)	Up to 4 hr at 20...25°C
External Power Supply	Power bank (5V) via Micro-USB port; Extended battery pack (6V) or 6V/600 mA power supply via S620 connector
Environment Rating	IP66, Waterproof
Operating Temperature	-40°C to +50°C (-40°F to +122°F)
Storage Temperature	-50°C to +70°C -58°F to +158°F)
Weight	0.7 kg (1.5 lb)
Dimensions	208 x 71 x 81 mm (8.2 x 2.7 x 3.1 in)
Package Includes	Mount, Battery Cassette (2), Wireless Remote Control w/ Picatinny Adapter, Light Suppressor (3), Light Suppressor for Day Scope, Video Cable, Operation Manual, Hard Shipping/ Storage Case

Specifications are subject to change without notice.



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