



AGM  
GLOBAL  
VISION

# PYTHON TS 75-640

## THERMAL IMAGING RIFLESCOPE

The AGM Python is a long-wave infrared, uncooled, thermal imaging rifle scope designed for 24 hours operation, eliminating the need to dismount the unit from the rifle.

The housing is made of high-grade aircraft aluminum alloy, making it lightweight, but at the same time tough to tolerate high recoil. The waterproof design of AGM Python grants excellent performance even under severe environmental and weather conditions.

The Python's user-friendly interface, comfortable and ergonomic buttons, together with the wireless remote control, makes adoption and application incredibly simple. The Python includes a variety of color palettes and reticle patterns, adjustable image brightness and contrast, an internal menu, and digital zoom.

The capabilities of the device can be enhanced through the use of with Wi-Fi module, external video recorder or monitor. For long-term missions, an external battery pack can be connected via micro-USB port to drastically increase operation time.

- FLIR Tau 2 17 $\mu$ m pitch thermal sensor
- Lightweight and robust design
- Easy to operate device
- Manually adjustable eyepiece and objective lens
- Real-time display
- Multiple color palettes
- Digital zoom: 1x, 2x, 4x, and 8x
- Multiple reticle patterns
- Wireless remote control
- Waterproof
- Optional video recording
- External Wi-Fi module (optional)
- Integral MIL-STD-1913 rails for optional accessories
- Powered by two standard CR123A batteries
- External power supply capability
- 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.

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## SPECIFICATIONS

	Python TS75-640
Detector	FLIR Tau 2 17µm Uncooled Microbolometer
Resolution	640x512
Video Refresh Rate	30 Hz
Start Up	3 seconds
Lens System	75 mm; F/1.0
Optical Magnification	3x
Field of View (H x V)	8.3° x 6.6°
Digital Zoom	1x, 2x, 4x, 8x
Detection Range (6' object)	1400 m/yd
Diopter Adjustment Range	-5 to +5 diopters
Exit Pupil Diameter	10 mm
Eye Relief	45 mm
Focusing Range	10 m to infinity
Display Resolution	800 x 600 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
Reticle	Changeable reticle pattern
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°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	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	0.79 kg (1.7 lb)
Dimensions	227x71x78 mm (8.9x2.7x3.0 in)

Specifications are subject to change without notice.



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