

TVS 13M (75-640)

THERMAL RIFLESCOPE



Display

The TVS 13M (75-640) thermal rifle scope series is designed to act as a force multiplier in the most demanding situations faced by border patrol, law enforcement, tactical teams and special operations forces. The TVS 13M (75-640) functions effectively in CQB, medium and long range target engagement applications. Advanced in-built ballistics software allows for accurate firing on virtually any weapon platform, while a video output port and internal storage capability enable the capture of video and still images.

The TVS13M (75-640) comes standard with a M1913 quick release mount and can also be used as a hand-held observation tool. Unlike traditional night vision devices, the TVS 13M (75-640) operates 24 hours a day without any degradation in performance when used in daylight, smoke or fog and it can also penetrate camouflage. With a variety of other features including image polarity selection, sepia, rainbow and other colour options, a proximity sensor and full MIL-SPEC design, the TVS 13M (75-640) is the right choice for tactical applications in any environment.

Sensor	TVS 13M (75-640)
Resolution (pixels)	640x480
Pixel size (µ)	17
Operating wavelength (µ)	8 - 14
Full Frame Rates, PAL (Hz)	50
Display AMOLED	800x600
Sensitivity (mK @F1.0)	<70
Video Output	PAL
DRI range (m)*	2,500/625/313
Optics	
Objective focal length (mm)	75
Field of view (°)	5.0 x 3.7
Eye relief (mm)	30
Dioptic correction	-6 to +2
Zoom	2x, 4x, (8x opt)
Mechanics, Electronics & Environmental	
Dimensions (mm)	380x110x90**
Weight without batteries (g)	1,330**
Battery type	6x AA or battery cassette
Battery life (hours)	8
Operating Temperature (°C)	-40 to +50
Waterproofing	MIL-STD-810G
Shock Resistance (G)	500
Ballistics	
# of preprogrammed reticles	8
Programmable ballistic profiles	4
Automatic reticle colour inversion	✓
Scope level warning	Available
Proximity sensor	✓

*Maximum Detection/Recognition/Identification to human-sized target **Due to frequent updates in manufacturing, we cannot guarantee listed dimensions/weight are perfectly accurate.

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The TVS 13M (75-640)'s electronic reticle movement is accomplished without the use of mechanical adjustments. The instrument contains several sighting marks that can be quickly selected. The sight is equipped with a digital USB interface for parameter setting and loading of impact marks.

The TVS 13M (75-640) has a 2x and 4x digital zoom feature and various color scheme options for the display. The unit's operating status is shown on the display.

DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- 6x AA batteries
- Battery cassette
- Objective lens cap
- Power outlet adapter
- USB cable
- Power/Video cable
- Rubber eye guard
- Quick release weapon mount

OPTIONAL ACCESSORIES



TVSD



TVS AR



Hard Case



SIDE MOUNT



Mounted on Barrett M82 anti-material rifle