

TVS 13M (640)

THERMAL RIFLESCOPE



Display

The TVS 13M (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 (640) functions effectively in CQB, medium and long range target engagement applications. Advanced built-in 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 TVS 13M (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 (640) operates 24 hours a day without any degradation in performance when used in daylight, smoke or fog and it can also penetrate camouflage.

Sensor	TVS 13M (640)
Resolution (pixels)	640x480
Pixel size (µm)	17
Operating wavelength (µ)	8 - 14
Full Frame Rates, PAL (Hz)	50
Display AMOLED	800x600
Sensitivity (mK @F1.0)	<55
Video Output	PAL
DRI range (m)*	1,800/450/225
Optics	
Objective focal length (mm)	54
Field of view (°)	11.5x8.6
Eye relief (mm)	30
Dioptric correction	-6 to +2
Zoom	2x, 4x
Mechanics, Electronics & Environmental	
Dimensions (mm)	270x75x102**
Weight without batteries (g)	1,194 (with mount)**
Battery type	6x AA or battery cassette
Battery life (hours)	8
Operating Temperature (°C)	-40 to +55
Waterproofing	MIL-STD-810G
Shock Resistance (G)	300
Ballistics	
# of preprogrammed reticles	8
Programmable ballistic profiles	4
Automatic reticle colour inversion	Yes
Proximity sensor	Yes

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

TVS 13M (640)

THERMAL RIFLESCOPE



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 (640) is the right choice for tactical applications in any environment. The unit'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 (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



Optional TVSD



Optional TVS AR



Optional Hard Case



SIDE MOUNT



Mounted on Assault Rifle



Mounted on AK Rifle