

TVS 11 (640_9Hz)

THERMAL MONOCULAR



Display

The TVS 11 (640_9Hz) is a high resolution thermal imaging monocular well suited to a variety of tactical, law enforcement, search and rescue, and industrial applications. It utilizes passive infrared sensing technology allowing users to detect extremely small differences in the temperature of objects, people and other heat sources within the field of view. Unlike traditional night vision devices, the TVS 11 (640_9Hz) can be operated 24 hours a day, in daytime and at night, even in the total darkness of an enclosed space. It can also see through smoke, fog and other obscurants and features black hot and white hot image polarity. The unit can also be connected to external display devices allowing other parties to view the observed image in real time. The TVS 11 (640_9Hz) is designed for helmet, head and weapon mounting as well as hand-held use.

Sensor	TVS 11 (640_9Hz)
Resolution (pixels)	640x480
Operating wavelength (μ)	8 - 14
Sensitivity (mK @F1.0)	<50
Video Output	NTSC
DRI range (m)*	1,200/300/150
Optics	
Objective focal length (mm)	35
Field of view ($^{\circ}$)	17x14
Eye relief (mm)	25
Dioptric correction	-6 to +2
Zoom	2x, 4x
Mechanics, Electronics & Environmental	
Dimensions (mm)	130x80x60
Weight without batteries (g)	396
Battery type	2x CR123
Battery life (hours)	8
Operating Temperature ($^{\circ}$ C)	-40 to +80
Waterproofing	MIL-STD-810G

*Maximum Detection/Recognition/Identification to human-sized target

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DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- 2x CR123 lithium batteries
- Objective lens Cover
- Lens cleaning kit
- USB cable
- Video cable
- Head gear
- Wrist strap
- Operation manual

OPTIONAL ACCESSORIES



Hard Case



NVS W Mount



Delivery Set



TVSD



TVS CW



6m TVSD Cable



Head Gear



NVS H Mount



NVS S Mount