

TTM-14

THERMAL MONOCULAR

TACTICAL MONOCULAR SYSTEM

VOx Sensor
INSIDE FLIR



TTM-14

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Tactical Thermal Monocular

Pictured with standard AN/PVS-14

The TTM-14 has become the smallest thermal imaging monocular system today. It features extremely small size and low weight because of its advanced construction and characteristics using the latest technologies in high grade polymers to make a Mil. Spec. system that is identical in size, weight and shape to a AN/PVS-14.

The TTM-14 is a multi-purpose system using the latest in miniature thermal sensor technology combined with the new OLED Display to provide a superior stable image in the smallest package available. The system also includes an array of features that help the user to enhance the sight to meet all of their requirements. The TTM-14 is one of the most capable thermal monocular systems on the market and comes with a very affordable price point.

With the ability to use most accessories for the AN/PVS-14 the TTM-14 is user friendly and easy to learn to use. The system design has been proven effective and reliable as well as functional. The TTM-14 is a perfect compliment to any user of night vision monocular systems.



Features

- Ergonomic Design**
- Compact and Lightweight**
- PVS-14 Construction**
- Mil. Spec Optics**
- Head Mountable**
- Weapon Interface**
- Variable Geometry Display**
- E-Zoom**
- Digital Brightness Control**
- Icon Based Menu System**
- Color Modes**
- Black/White Polarity**
- VOx Vanadium Oxide Detector**
- 800x600 OLED Display**
- Video Output**
- Made in USA**
- 1 Year Warranty**



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SPECIFICATIONS

Sensor Type	Uncooled VOx (Vanadium Oxide)
Resolution	320 x 240 / 640 x 480
Frame Rate	60hz / 30hz
Thermal Sensitivity	<50mk
Spectral Response	7 - 14 um
Display Type	OLED (Organic Light Emitting Diode)
Display Resolution	800x600
Modes	E-Zoom, Polarity, 8 Color Modes
Magnification	1x
Field of View	32°
Start Up Time	>4 Seconds
Video Output	Analog RS-170
Battery Type	1 each CR123 3 volt
Battery Life	2+ Hours
Weight	350 grams
Dimensions	3.40" L x 2.20" H x 1.95" W
Diopter	-6 / +4
Eye Relief	27 mm
Environmental	-40c to +50c Operating -50c to +80c Storage



TTM-14 1x (19mm) Tactical Thermal Monocular

TTM-14-S-320 320 x 240 - 16° FOV / 8° FOV 2x E-Zoom
TTM-14-S-640 640 x 480 - 32° FOV / 16° FOV 2x E-Zoom

The TTM-14 1x system is designed for hand held, head mounts and weapon mounted operations. The sight has a 19mm Lens with a 45 degree field of view that has 1x optical magnification and up to 8x digital magnification



Head Mountable Hands Free Operation

TTM-14-JA100 Adapter - J-Arm Head Mount Adapter
TTM-14-HS100 Head Strap - Standard Military Head Gear

Designed to use the same accessories as the AN/PVS-14 night vision monocular system the TTM-14 has many options available for head mounting. The easiest is the easy to use J-Arm bracket and a standard head strap.



Weapon Mountable Mini Weapon Sight

TTM-14-WM100 Rail Adapter - Weapon Rail Interface Adapter

The TTM-14 has the ability to be rail mounted to a light caliber weapon such as a mi16 or M4 using the accessory weapon rail interface adapter. An optional digital reticle aiming system is also available for the TTM-14.

TTM-14 Thermal Monocular Kit

The TTM-14 Basic Kit includes:

- TTM-14 Thermal Monocular
- J Arm Head Mount Adapter
- Head Strap
- Eye Cup Ring
- Eye Cup
- 1 each Battery
- Objective Lens Cap
- Hard Storage Case
- Lens Tissue
- Demist Shield
- Operator Manual
- Quick Reference Guide



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