



FLIR

T90 TaNS®

Tactical Night Vision Sight

The MilSight™ T90 TaNS® is designed to mount on any MIL-STD-1913 rail interface, forward of an existing scope, adding night vision capabilities to daytime target acquisition platforms. The T90 TaNS offers mission flexibility as a high-resolution night vision weapon sight with up to 8x magnification. The T90 TaNS can be mounted with a spotting scope, or hand-held as an observation device.

With FLIR's proprietary Shock Mitigation System™ (SMS™), the T90 TaNS can be used on weapons up to and including .50 caliber bolt-action rifles. The T90 TaNS is lightweight with large rugged controls, runs on a single AA or CR-123 battery, and has a Generation III I² tube for ultimate low light performance.



MilSight™ T90 TaNS® shown with dayscope

APPLICATIONS

- Target Acquisition
- Reconnaissance
- Covert Operations
- Surveillance
- Special Law Enforcement

KEY FEATURES

- Compatible With Optical Sights up to 8x Magnification
- Multi-Use Design
- Optimized For Close Combat Assault Rifles
- Built-In Image Intensifier Protection For Added Longevity
- Small And Lightweight
- Simple Operation
- No special batteries required

Specifications

System Characteristics	
Magnification	Unity
Optimum Dayscope Magnification	1x to 8x
Focus Range	3m to Infinity
Field of View	14°
I ² TUBE FEATURES	
Tube Type	Gen III, Autogated
Tube Color	Green Phosphor
Tube Performance	1800 FOM Typical
Resolution	64 Line Pair
Boresight Characteristics	
Accuracy	Factory Aligned to 1 MOA or Better
Adjustments	None
Repeatability	Within 1 MOA
Physical Characteristics	
Shock Mitigation System™ (SMS™)	.50 Caliber BMG Qualified
Operating Temperature	-30° to +60° C
Submersion	66 ft. for 2 hours
Dimensions, Weight & Mounting	
Interface	Single Locking Lever (to MIL-STD 1913, Picatinny Rail)
Length	5.6"
Weight (w/o batteries)	24 oz
Max Height Above Rail	3.05"
Interfaces	
Controls	On/Off/Gain, Focus
Power	AA or CR123
Optical Characteristics	
Objective Lens Focal Length	50 mm
Objective Lens f/Number	f/1.15
Output Optic Exit Pupil Diameter	40 mm
Performance Options*	
Tube Color	Green or White Phosphor
Available FOM*	2000, 2200, >2200
Resolution	72 line pair/mm

* Note: system performance and tube specifications are ITAR controlled for export outside the United States. Availability of all image intensified systems for sale outside the US are subject to US State Department approval. The highest Figure of Merit (FOM) will be stated as LIMITED (maximum) for export.



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