

MilSight™ T90 TaNS®

TACTICAL NIGHT SIGHT



APPLICATIONS

TARGET ACQUISITION

RECONNAISSANCE

COVERT OPERATIONS

SURVEILLANCE

SPECIAL LAW ENFORCEMENT

FEATURES

Compatible with Standard Sight

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

It's all FLIR inside

BENEFITS

Designed to mount on any MIL-STD-1913 rail interface forward of an existing scope, adding blended thermal and night vision capabilities to daytime target acquisition platforms

Offers mission flexibility as a high-resolution night vision weapon sight, mounted on a spotting scope for long range reconnaissance, hand-held as an observation device, or used in other night-time operations requiring night vision capabilities

Effective on all weapons from carbines to .50 caliber bolt action rifles, including the M4, M16, HK416, and the AK47

Includes FLIR's proprietary Shock Mitigation System™ (SMS™), allowing the unit to be used on weapons up to and including .50 caliber bolt-action rifles

Highly portable design reduces operator fatigue

Large, rugged controls for basic image adjustment, no complicated menus to navigate

Runs on common AA batteries

FLIR controls the entire supply chain on the critical technology inside the UNS sight ensuring fast service and long term support



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SYSTEM CHARACTERISTICS

Magnification	Unity
Optimum Dayscope Magnification	1x to 8x
Focus Range	3 m to Infinity
Field of View	14h°
Image Intensifier Gain	1,000 – 75,000

BORESIGHT CHARACTERISTICS (REFERENCES I2 & IR CHANNELS)

Accuracy	Factory Aligned to ½ MOA or Better
Adjustments	None
Repeatability	Within ½ MOA

PHYSICAL CHARACTERISTICS

Shock Mitigation System™ (SMS™)	
Operating Temperature	-30° to +60° C
Submersion	66 ft. for 2 hours
Interface (to MIL-STD 1913)	Single Adjustable Locking Lever Mount

POWER

Power requirements	AA or CR123
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DIMENSIONS, WEIGHT & MOUNTING

Interface (to MIL-STD 1913)	Single Locking Lever
Length	5.6"
Weight (w/o batteries)	24 oz
Max Height Above Rail	3.05"

INTERFACES

Command and Control	On/Off/Gain, Focus
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PERFORMANCE

Resolution (Minimum)	2.5 cy/mr
Resolution (Typical)	2.9 cy/mr

FACIAL ID RANGES

Starlight, Low Contrast	65 m
Starlight, Optimum Contrast	90 m
¼ Moonlight, Low Contrast	90 m
¼ Moonlight, Optimum Contrast	105 m

MAN DETECTION RANGES

Starlight, Low Contrast	640 m
Starlight, Optimum Contrast	880 m
¼ Moonlight, Low Contrast	880 m
¼ Moonlight, Optimum Contrast	1070 m

OPTICAL CHARACTERISTICS

Objective Lens Focal Length	50 mm
Objective Lens f/Number	f/0.9
Output Optic Exit Pupil Diameter	33 mm

CORPORATE HEADQUARTERS

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