



MILSIGHT® T90

Tactical night sight (TaNS™)

APPLICATIONS

TARGET
ACQUISITION

RECONNAISSANCE

COVERT
OPERATIONS

SURVEILLANCE

SPECIAL LAW
ENFORCEMENT



The MilSight® T90 TaNS™ is a high-resolution weapon sight that mounts on any MIL-STD-1913 rail interface forward of an existing scope, adding night vision capabilities to daytime target acquisition platforms. Based on the US Special Forces' SU-270/PAS, this clip-on I2 sight is designed for close-quarter combat and short-range tactical engagements. It offers mission flexibility as a weapon sight with up to 8x magnification; mount with a spotting scope for long-range reconnaissance or use handheld as an observation device.

Ideal for tactical operations out to 400 meters, T90 TaNS's ability to image IR pointers allows target pointing and handoff with teammates for rapid, coordinated engagement. Comfortable eye relief allows for long-term use as a night spotting scope. Configurable with white and green phosphor tubes for high-performance US and exportable versions. White phosphor provides a natural looking scene while 72 line-pair resolution in either green or white phosphor produces sharper scene details for longer-range target engagements.

FEATURES

OPTIMIZED FOR CLOSE COMBAT RIFLES

Effective on all weapons from carbines to .50 caliber bolt-action rifles with optical sights up to 8x.

BUILT-IN IMAGE INTENSIFIER PROTECTION

A Generation III I² tube for brighter, sharper images in starlight, and permanent boresight alignment provide ultimate low-light performance.

SMALL, LIGHT, AND SIMPLE

Large, rugged controls—powered by one AA or CR-123 battery—and its lightweight portability and simplicity reduce operator fatigue.

ADOPTED BY US SPECIAL FORCES

Type SU-270/PAS designation signifies extensive test and qualification, engendering shooter confidence, operational safety, and long-term use.

SHOCK MITIGATION MAINTAINS SIGHT BORESIGHT

TaNS 90 absorbs and dissipates high shock loads while extending tube life and maintaining zero.

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



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