

MILSIGHT® T105

Universal night sight (UNS™)

AN/PVS-22 universal night sight

APPLICATIONS

**TARGET
ACQUISITION**

RECONNAISSANCE

**COVERT
OPERATIONS**

SURVEILLANCE

**SPECIAL LAW
ENFORCEMENT**



The Milsight® T105 UNS™ clip-on weapon sight allows tactical engagements out to 600 meters. Mount in front of a boresighted day optic to quickly adapt any standard issue weapon for night operations. T105 UNS™ is engineered for battlefield use, successfully tested on weapons up to and including .50 caliber. It offers mission flexibility as a weapon sight with up to 12x magnification; mount with a spotting scope for long-range reconnaissance or use handheld as an observation device.

T105 UNS was the first clip-on I2 sight to be qualified and fielded by the US military. It can image IR pointers to allow target pointing and handoff with teammates for rapid, coordinated engagement. Configurable with white and green phosphor tubes for high-performance US and exportable versions. White phosphor provides a natural looking scene while high-resolution 72 lp/mm in either green or white phosphor produces sharper scene details for longer-range target engagements.

FEATURES

COMPATIBLE WITH STANDARD SIGHT

Mountable on any MIL-STD-1913 rail interface of an existing scope, it's effective on weapons from carbines to .50 caliber sniper rifles.

BUILT-IN IMAGE INTENSIFIER PROTECTION

The proprietary FLIR Shock Mitigation System™ (SMS™) can be used on weapons up to and including .50 caliber bolt-action rifles.

SMALL, LIGHT, AND SIMPLE

Highly portable design reduces operator fatigue and large, rugged controls for basic image adjustments means no complex menus to navigate.

ADOPTED BY US MILITARY

Type NSN designation signifies extensive test and qualification, engendering shooter confidence, operational safety, and long-term use.

MAXIMUM LIGHT COLLECTION

F/1 optical design provides brighter, sharper images in starlight, and permanent boresight alignment provides ultimate low-light performance.

SPECIFICATIONS

SYSTEM CHARACTERISTICS	
Magnification	Unity
Optimum Dayscope Magnification	1x to 12x Focus Range 10 m to Infinity
Field of View	13°
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
Interface (to MIL-STD 1913)	Single Adjustable Locking Lever Mount
DIMENSIONS, WEIGHT & MOUNTING	
Interface	Single Locking Lever (to MIL-STD 1913, Picatinny Rail)
Length	7.29"
Weight (w/o batteries)	32 oz
Max Height Above Rail	3.08"
INTERFACES	
Controls	On/Off/Gain, Focus
Power	2 AA
OPTICAL CHARACTERISTICS	
Objective Lens Focal Length	68 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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