

MilSight™ T105 UNS™

AN/PVS-22

UNIVERSAL NIGHT SIGHT



APPLICATIONS

TARGET ACQUISITION
 RECONNAISSANCE
 COVERT OPERATIONS
 SURVEILLANCE
 SPECIAL LAW ENFORCEMENT

FEATURES

Compatible with Standard Sight

Multi-use design

Optimized for medium and long-range sniper weapons

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 night vision capabilities to 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 semi-automatic and bolt action sniper rifles, including the M110, MK11, M16, SCAR-H, M240, 300 Win Mag, XM107, .300 Lapua, .308 M24, Chandler, and McMillan Brothers

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



MilSight™ UNS™

SYSTEM CHARACTERISTICS

Magnification	UNS
Optimum Dayscope Magnification	Unity
Focus Range	1x to 12x
Field of View	10 m to Infinity
Image Intensifier Gain	13°
	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	2 AA
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DIMENSIONS, WEIGHT & MOUNTING

Interface (to MIL-STD 1913)	Single Locking Lever
Length	7.29"
Weight (w/o batteries)	32 oz
Max Height Above Rail	3.08"

INTERFACES

Command and Control	On/Off/Gain, Focus
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PERFORMANCE

Resolution (Minimum)	3.2 cy/mr
Resolution (Typical)	3.5 cy/mr

FACIAL ID RANGES

Starlight, Low Contrast	75 m
Starlight, Optimum Contrast	110 m
¼ Moonlight, Low Contrast	110 m
¼ Moonlight, Optimum Contrast	135 m

MAN DETECTION RANGES

Starlight, Low Contrast	740 m
Starlight, Optimum Contrast	1050 m
¼ Moonlight, Low Contrast	1060 m
¼ Moonlight, Optimum Contrast	1340 m

OPTICAL CHARACTERISTICS

Objective Lens Focal Length	68 mm
Objective Lens f/Number	f/1.15
Output Optic Exit Pupil Diameter	40 mm

CORPORATE HEADQUARTERS

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