



AN/PVS-27 MAGNUM NIGHT SIGHT

MilSight® S135 Magnum Universal Night Sight (MUNS™)

The MilSight™ S135 MUNS™ is a high-resolution clip-on night vision weapon sight that mounts on any MIL-STD-1913 Picatinny rail interface forward of an existing scope, adding night vision capabilities to daytime target acquisition platforms. The sight allows snipers to detect and recognize man-size targets in excess of 800 meters. Developed for the USMC and adopted by US and NATO forces, S135 MUNS is compatible with multiple weapons platforms up to and including .50 caliber.

Designed for medium and long-range engagements, S135 MUNS 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

MULTI-USE DESIGN

S135 MUNS provides mission flexibility as a high-resolution night vision weapon sight or handheld as an observation device.

COMPATIBLE WITH STANDARD SIGHTS

Mountable on MIL-STD-1913 rail interface, it's effective on weapons from carbines to .50 caliber semi-automatic and bolt-action sniper 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.

SHOCK MITIGATION MAINTAINS BORESIGHT

The proprietary FLIR Shock Mitigation System™ (SMS™) absorbs and dissipates high shock loads while extending tube life and maintaining zero.

MAXIMUM LIGHT COLLECTION

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

APPLICATIONS

TARGET ACQUISITION

RECONNAISSANCE

COVERT OPERATIONS

SURVEILLANCE

SPECIAL LAW ENFORCEMENT

SPECIFICATIONS

SYSTEM CHARACTERISTICS

Magnification	Unity
Optimum Dayscope Magnification	3X to 20X
Focus Range	15 m to Infinity
Field of View	10°

I² 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	33 ft.
Interface (to MIL-STD 1913)	LaRue Adjustable Double Locking Lever Mount

DIMENSIONS, WEIGHT & MOUNTING

Interface	Double Locking Levers (MIL-STD 1913, Picatinny Rail)
Length	8.7 in
Weight (w/o batteries)	50 oz
Max Height Above Rail	3.75 in

INTERFACES

Controls	On/Off/Gain, Focus
Power	2 AA

OPTICAL CHARACTERISTICS

Objective Lens Focal Length	92 mm
Objective Lens f/Number	f/1.0
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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