



## 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°

### I<sup>2</sup> 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	-32° to +55° C
Environmentals	MIL-STD 810G
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



#### AMERICAS

FLIR Systems, Inc.  
Corporate Headquarters  
27700 SW Parkway Ave  
Wilsonville, OR 97070  
Office: +1 877.773.3547

FLIR Systems, Inc.  
DC Headquarters  
1201 S. Joyce Street  
Suite C006  
Arlington, VA 22202  
Office: +1 703.682.3400

#### EUROPE

FLIR Systems  
2 Kings Hill Avenue - Kings Hill  
West Malling, Kent ME19 4AQ  
United Kingdom  
Office: +44 (0)1732 220 011  
Fax: +44 (0)1732 843 707

FLIR Systems AB  
Antennvägen 6,  
PO Box 737  
SE-187 66 Täby  
Sweden  
Office: +46 (0)8 753 25 00

#### MIDDLE EAST

FLIR Systems B.V. - Abu Dhabi  
Wadi Al Fey St.  
Building 60, Office # 302  
New Ministries Exit / Khalifa Park Area  
Abu Dhabi, U.A.E.  
Office: +971 2 666 1561  
e-Fax: +1 503 914 1591

FLIR Systems Saudi Arabia  
Office 127, First Floor  
Akaria Plaza Building, Olaya Street  
Riyadh, 11481, Saudi Arabia  
Office: +966 11 464 5323  
Fax: +966 11 464 0438

#### ASIA

FLIR Systems Japan K.K.  
Meguro Tokyu Bldg. 5F,  
2-13-17  
Kami-Osaki, Shinagawa-ku.  
Tokyo, 141-0021, Japan  
Office: +81-3-6721-6648

For More Information contact  
surveillance\_sales@flir.com

www.flir.com  
NASDAQ: FLIR

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