

MilSight™ S135 MUNS AN/PVS-27

MAGNUM UNIVERSAL NIGHT SIGHT



MilSight S135 MUNS on McMillan Tac.50 Rifle

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, SR-25/MK11, XM107, .338 Lapua, .308 M24, Chandler & .300 Win Mag

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 MUNS sight ensuring fast service and long term support





MilSight™ S135 MUNS

AN/PVS-27

SYSTEM CHARACTERISTICS

Magnification	Unity
Optimum Dayscope Magnification	3X to 20X
Focus Range	15 m to Infinity
Field of View	10°
Image Intensifier Gain	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	33 ft.
Interface (to MIL-STD 1913)	LaRue Adjustable Double Locking Lever Mount

POWER

Power requirements	2 AA
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DIMENSIONS, WEIGHT & MOUNTING

Interface (to MIL-STD 1913)	Single Locking Lever
Length	8.7 in
Weight (w/o batteries)	50 oz
Max Height Above Rail	3.75 in

INTERFACES

Command and Control	On/Off/Gain, Focus
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PERFORMANCE

Resolution (Minimum)	4.2 cy/mr
Resolution (Typical)	5.0 cy/mr

FACIAL ID RANGES

Starlight, Low Contrast	100 m
Starlight, Optimum Contrast	140 m
¼ Moonlight, Low Contrast	140 m
¼ Moonlight, Optimum Contrast	180 m

MAN DETECTION RANGES

Starlight, Low Contrast	970 m
Starlight, Optimum Contrast	1350 m
¼ Moonlight, Low Contrast	1380 m
¼ Moonlight, Optimum Contrast	1730 m

OPTICAL CHARACTERISTICS

Objective Lens Focal Length	92 mm
Objective Lens f/Number	f/1.0
Output Optic Exit Pupil Diameter	40 mm

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