



DUAL-BAND I² & THERMAL WEAPON SIGHT

MilSight S140-D ADUNS

Designed to mount on any MIL-STD-1913 rail interface forward of an existing scope, the FLIR MilSight® S140-D ADUNS (advanced dual-band universal night sight) offers ultimate mission flexibility. Use as a thermal weapon sight, on a spotting scope for long-range reconnaissance, or as a handheld observation device. The ADUNS system offers high-resolution blended thermal and image intensified night vision that provides crisp imagery through total darkness, fog, smoke, dust, and many other obscurants.

Snipers can choose to view targets in either thermal, I², or blended channels to optimize target detection and recognition. I² penetrates glass and provides IFF while thermal circumvents camouflage and provides rapid target detection. 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

ADJUSTABLE BLENDING OF IR AND I²

High-resolution blended thermal/image-intensified light night weapon sight provides crisp imagery in complete darkness and under foggy, smoky, or dusty conditions.

BORESIGHT MAINTAINED AFTER WEAPON DISCHARGE

Coaxial design aligns point of aim and point of impact in thermal, I², and blended views for increased target engagement capability and lethality.

COMPACT, LIGHT, AND RUGGED

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.

MISSION FLEXIBILITY

Functions as a thermal weapon sight, a spotting scope for long-range reconna

APPLICATIONS

TARGET ACQUISITION

RECONNAISSANCE

COVERT OPERATIONS

SURVEILLANCE

SPECIALITY LAW ENFORCEMENT

SPECIFICATIONS

System Characteristics		SNIPER (S140-D)
Magnification	Unity	
Optimum Dayscope Magnification	4x to 12x	
Focus Range	15 m to Infinity	
Channel-to-Channel Parallax	None at any range	
I2 Field of View	8.8°	
IR Field of View	7.1° H x 5.3° V	
IR IFOV	0.19 mr	
IR Objective	88 mm, f/0.88	
VisNIR Objective	91 mm, f/0.97	
Image Intensifier Gain	75,000 max	
Output Aperture	40 mm	
Boresight Characteristics		
Accuracy	Factory Aligned to 1 MOA or Better	
Repeatability	Within 1 MOA	
Power		
Power requirements	4 each AA Li (L91)	
Dimensions, Weight & Mounting		
Shock Mitigation System™ (SMS™)	Standard Feature	
Interface (to MIL-STD 1913)	Dual Locking Levers	
Dimensions	11.2" (28.5 cm) x 4.6" (11.7 cm) x 4.3" (11 cm)	
Weight (w/o batteries)	4.5 lbs (2.25 kg)	
Center Height Above Rail	1.5" typical	
Interfaces		
Command and Control	On camera and remote pendant	
Video	External video - Thermal	



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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The World's Sixth Sense®