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 reconnaissance.

**Applications**

**Target Acquisition**

**Reconnaissance**

**Covert Operations**

**Surveillance**

**Speciality Law Enforcement**
### System Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>SNIPER (S140-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnification</td>
<td>Unity</td>
</tr>
<tr>
<td>Optimum Dayscope Magnification</td>
<td>4x to 12x</td>
</tr>
<tr>
<td>Focus Range</td>
<td>15 m to Infinity</td>
</tr>
<tr>
<td>Channel-to-Channel Parallax</td>
<td>None at any range</td>
</tr>
<tr>
<td>IR Field of View</td>
<td>8.8°</td>
</tr>
<tr>
<td>IR Field of View</td>
<td>7.1” H x 5.3” V</td>
</tr>
<tr>
<td>IR FOV</td>
<td>0.19 mr</td>
</tr>
<tr>
<td>IR Objective</td>
<td>88 mm, f/0.88</td>
</tr>
<tr>
<td>VisNIR Objective</td>
<td>91 mm, f/0.97</td>
</tr>
<tr>
<td>Image Intensifier Gain</td>
<td>75,000 max</td>
</tr>
<tr>
<td>Output Aperture</td>
<td>40 mm</td>
</tr>
</tbody>
</table>

### Bore sight Characteristics

- **Accuracy**: Factory Aligned to 1 MOA or Better
- **Repeatability**: Within 1 MOA

### Power

- **Power requirements**: 4 each AA Li (L91)

### Dimensions, Weight & Mounting

- **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

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