

AN/PAS-25

Thermal Laser Spot Imager-TLSI



Main Features

- Excellent picture quality
- Lightweight
- Laser Spot Imager
- Easy operation
- Automatic Gain/Level control
- Ruggedized construction
- Optional laser range finder

Applications

- Infantry, scout and special units
- Security and perimeter defense
- Light target acquisition systems
- Night sight for medium range weapon systems
- Light patrol boats
- Border Security
- Search and Rescue
- Target Identification & Confirmation

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The AN/PAS-25 is a high-performance, hand-held, thermal sight with laser spot tracking capability. Using a cooled, highly-sensitive InSb Focal Plane Array, this camera is designed to give the maximum range performance for a 7.5 lb hand-held package. In addition, the TLSI is capable of seeing a laser targeting or range-finding "spot" to assist in target identification. Two fields of view allow the user to scan in a wide field-of-view thus maintaining good situational awareness, and then switch to a narrow field-of-view for target identification.



Technical Specifications

- Spectral Band 3-5 μ m with 1.06 μ m filter
- Entrance Aperture: 78mm
- Cooler: Stirling closed cycle, integral with Dewar
- Video Signal CCIR or RS170
- Display: High resolution OLED, binocular viewer
- MIL-STD-810F Qualified
- Operating Temp -40° C to +50° C

Accessories

- Eyesafe LRF, Clip On
- 860 nm Laser Pointer, integrated
- 4-Micron thermal pointer, clip-on or integrated

Power Sources

- Disposable battery NSN 6135-01-090-5364
- Rechargeable battery NSN 6140-01-419-8194
- External DC power source

Physical Description

- Weight: 7.5 lbs. including disposable battery
- 6.8 lbs. excluding battery

Fields of View

- Narrow: 1.5° x 1.1°
- Wide: 5° x 3.75°
- E-Zoom: x2 to x4



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