

# AN/PAS-22 - LRTI

## Long Range Thermal Imager



### Main Features

- MWIR detector with optical zoom
- Image Stabilization
- Integrated NIR Pointer (optional)
- Eyesafe Laser Range Finder (optional)
- NSN 5855-01-536-353

### Applications

- Security and perimeter defense
- Light target acquisition systems
- Light patrol boats
- Border Security
- Search and Rescue
- Target Identification & Confirmation

- NSN: 5855-01-536-3532

# AN/PAS-22 (LRTI)

## Long Range Thermal Imager

The AN/PAS - 22 (LRTI) is a high-performance, hand-held, thermal sight. Using a cooled, highly-sensitive InSb Focal Plane Array, this camera is designed to give the maximum range performance for a 6.8-lb hand-held package. 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. Optional built-in magnetic fluxgate compass and GPS allow the user to provide target location information. A laser pointer may be added to form an integrated targeting system.



## Technical Specifications

### Thermal Imaging performance

- 320x256 InSb MWIR Detector
- 3-5 $\mu$ m Spectral Band
- Optical FOVs
- 2.7 x 2.2 NFOV
- 8.2 x 6.6 WFOV
- X2 Digital Zoom

### System features

- Image Stabilization
- Video out (CCIR or RS170)

### Power

- X-Y Volts DC
- Disposable Battery BB-5847
- Rechargeable Battery BA-2847
- L91 adapter
- Vehicle Adapter
- AC/DC Adapter

### Environmental

- MIL-STD-810F Qualified
- -10°C to 50°C Operating Temperature

### Standard package

- Transport case
- (2) Rechargeable Batteries
- Battery Charger
- X2 Telescope

### Options/accessories

- Tripod
- Integrated NIR Pointer
- Clip-On NIR Pointer
- Clip-On Eye-safe Laser Range Finder
- Vehicle Power Adapter



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