



MilSight™ M36

FLIR M36™

Advanced Thermal Imaging Sight for Vehicle Gunner and Commander

The M36 provides thermal night vision capability to the M1117 Armored Security Vehicle.

KEY FEATURES

- Dual field of view telescope with digital zoom
- High resolution, large format 640 x 480, mid-wave InSb sensor
- Focus memory
- Compact, lightweight and rugged
- Optical/sensor assembly
- Maintenance
- It's all FLIR Inside

BENEFITS

- Fields of view optimized for high performance in detection, recognition and identification
- Delivers unmatched image quality with built-in image processing that digitally sharpens, tunes and enhances contrast for exceptional target detail
- Eliminates the need to refocus when switching between fields of view
- Compatible with M36T1 Sight in existing space claim in 40/50 turret. Drop-in-solution
- Single module providing simple and accurate bore sighting for increase target accuracy
- Built-in-test enabled and easy access to purge ports, tool free installation and removal
- FLIR controls the entire supply chain on the critical technology inside FCS thermal imager systems ensuring fast service and long term support



M1117 Armored Security Vehicle

APPLICATIONS

- Surveillance
- Reconnaissance
- Forward Observation
- Target Recognition
- Fire Control

Specifications

Thermal Imaging Performance	
Sensor type	MWIR, Indium Antimonide (InSb)
Detector Resolution	640x480
Spectral Band	3.4-5.1 μm
IR Telescope	
F/Number	4.0
Wide FOV	9° h x 6.7° v
Narrow FOV	3° h x 2.2° v
Digital Zoom	2X
Automatic features	Auto Gain/Level, Detail Digital Enhancement (DDE)
System Power Requirements	
Power Source	9-28 VDC
Current Draw at Start-up	1.5 Amps @ 24Vdc
Current Draw at Steady State	0.7 Amps @ 24Vdc
Power at Steady State	36 Watts
Fuse System @	2 Amps
Mechanical / Environmental	
Weight	18 lbs.
Size (inches)	6.4 L x 13 H x 10 W
Operational Temp Range	-40°C to 60°C



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