

MilCAM Recon[®]

PORTABLE, LIGHT WEIGHT, LONG RANGE
THERMAL IMAGER



APPLICATIONS

- TARGET ACQUISITION
- RECONNAISSANCE
- SURVEILLANCE
- BORDER PATROL
- FIRE CONTROL
- SEARCH AND RESCUE

FEATURES

- 50/250 mm or 100/500 mm long range thermal imaging
- Dual field of view system
- Lightweight
- Rugged MIL-STD 810F
- Simple operation
- Remote control
- Standard video output
- It's all FLIR inside

BENEFITS

- Track vehicles at distances greater than 9 km in total darkness, through smoke, dust, and most obscurants
- Allows for fast target acquisition, situational awareness, and super long range detection
- At under 7.0 pounds (3.2 kg) including the battery, MilCAM Recon is highly portable
- Withstands demanding battlefield operations
- Speeds proficiency for first time users
- Provides mission flexibility for use on a pan/tilt for force protection with full control from a laptop
- Provides additional tactical benefit for remote use
- FLIR controls the entire supply chain on the critical technology inside ThermoVision systems ensuring fast service and long term support



High sensitivity thermal imagery



Long range optics aid in identification



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THERMAL IMAGING PERFORMANCE

Sensor type	320 x 240 InSb
Number of fields of view	2
Wide fov (50 mm)	11° h x 8° v
Narrow fov (250 mm)	2.2° h x 1.6° v
Wide fov (100 mm xr*)	5.5° h x 4.1° v
Narrow fov (500 mm xr*)	1.1° h x 0.8° v
Spectral band	3-5 µm

*Requires optional 2x extender

OUTPUTS

Video	RS 170 or CCIR
Connector	BNC

POWER

Power requirements	9 VDC/15W (9V to 28 VDC)
Battery type and life	> 2.5 hours with NiMH

ENVIRONMENTAL

Mil-spec	810 E
Operating temp	-32°C to 55°C (-26°F to 131°F)

DIMENSIONS, WEIGHT & MOUNTING

Dimensions	38.9 x 13.5 x 14.5 cm (15.3" x 5.3" x 5.7")
Weight	3.2 kg (7.0 lbs)
Mounting	Tripod mount 1/4-20

INTERFACES

Command and Control	RS 232 full control of camera and lens
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STANDARD PACKAGE

Storage/transport case	Hard shell, lockable with fitted foam insert
Adapter/charger	110 VAC/220 VAC power supply/battery charger
Batteries	NiMH rechargeable (Lithium optional)
Operator's manual	
Lens cleaning kit	

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