

# 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 5.7 pounds (2.6 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





## MilCAM Recon<sup>®</sup>

### 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	7 VDC/ 5.5 W (5 V to 24 VDC)
Battery type and life	> 2.5 hours with NiMH (> 4 hours with optional Lithium battery)

### ENVIRONMENTAL

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

### DIMENSIONS, WEIGHT & MOUNTING

Dimensions	33.5 x 13 x 14.5 cm (14" x 5.2" x 5.7")
Weight	< 2.6 kg (5.7 lb.)
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	

### CORPORATE HEADQUARTERS

FLIR Systems, Inc.  
27700A SW Parkway Ave.  
Wilsonville, OR 97070  
USA  
PH: +1 800.727.3547

### BOSTON

FLIR Systems Boston, Inc.  
25 Esquire Road  
North Billerica, MA 01862  
USA  
PH: +1 800.464.6372

### SANTA BARBARA

FLIR Systems, Inc.  
Indigo Operations  
70 Castilian Dr.  
Goleta, CA 93117  
USA  
PH: +1 888.747.3547

### EUROPE

FLIR Systems Ltd.  
2 Kings Hill Avenue  
West Malling, Kent  
ME19 4AQ  
United Kingdom  
PH: +44.1732.220011

### CANADA

FLIR Systems Ltd.  
5230 South Service Road  
Suite 125  
Burlington, ON L7L 5K2  
Canada  
PH: +1 800.613.0507

### SWEDEN

FLIR Systems AB  
Rinkebyvagen 19  
P.O. Box 3  
SE-182 11 Danderyd  
Sweden  
PH: +46.8.753.2500

### MIDDLE EAST

FLIR Systems, Inc.  
c/o Middle East Optronics  
FZCO  
Unit C-13  
Dubai Airport Free Zone  
P.O. Box 54262  
Dubai  
United Arab Emirates  
PH: +9714.299.6898

[www.flir.com](http://www.flir.com)