

# Recon<sup>®</sup>

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 Recon systems ensuring fast service and long term support



*High sensitivity thermal imagery*



*Long range optics aid in identification*



## 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	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
---------------------	--

### 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.  
27700 SW Parkway Ave.  
Wilsonville, OR 97070  
USA  
PH: +1 800.727.3547

### BOSTON

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

### HUNTSVILLE

FLIR Systems, Inc.  
675 Discovery Drive  
Suite 103  
Huntsville, AL 35806  
USA  
PH: +1 256.325.3547

### WASHINGTON, D.C.

FLIR Systems, Inc.  
2800 Crystal Drive  
Suite 330  
Arlington, VA 22202  
USA  
PH: +1 703.416.6666

### 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 Middle East  
FZCO  
Unit C-13  
Dubai Airport Free Zone  
P.O. Box 54262  
Dubai  
United Arab Emirates  
PH: +9714.299.6898

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

