

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 Recon 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	

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

