

Recon[®] III LocatIR

LONG RANGE, LIGHT WEIGHT THERMAL
BINOCULAR WITH GEO LOCATION



APPLICATIONS

- RECONNAISSANCE
- SURVEILLANCE
- OPERATOR GEO-LOCATION
- TARGET GEO-LOCATION
- SITUATIONAL AWARENESS
- BATTLE DAMAGE ASSESSMENT
- FORCE PROTECTION

FEATURES

- High resolution, large format 640x480 mid-wave InSb sensor with STACE™
- Instant-on, long-wave channel
- Fast 3 field of view system with 15, 10, and 2.5 degree fields of view and digital zoom
- Internal Global Positioning Sensor (GPS) and Digital Magnetic Compass (DMC) and modular Laser Rangefinder (LRF)
- Laser pointer
- Flexible remote control, power, and video options
- Lightweight and rugged, Mil STD 810-F qualified
- Split screen display
- It's all FLIR inside

BENEFITS

- Delivers unmatched range performance and image quality with built-in STACE™ technology that digitally sharpens, tunes and enhances contrast for exceptional image detail
- Provides fast situational awareness and a redundant sensor
- Perfectly matched zoom settings for the short, medium, and long range reconnaissance mission
- Provides precision geo-location of targets with eye safe laser rangefinder
- Offer additional tactical advantage when coupled with night vision equipment
- Can be configured for tripod use with full remote control for continuous operation with video output
- Reduces operator fatigue for long duration missions without sacrificing field hardening
- Offers mission flexibility and customization based on your requirements
- FLIR controls the entire supply chain on the critical technology inside Recon systems, ensuring fast service and long term support



Laser Range Finder included



High sensitivity thermal imagery



Long range optics aid in identification



Laser Range Finder included

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THERMAL IMAGING PERFORMANCE

Sensor type	640 x 480 InSb and 320 x 240 VOx Microbolometer
Number of fields of view	3
Wide FOV	15.0° h x 11.3° v
Medium FOV	10.0° h x 8.0° v
Narrow FOV	2.5° h x 1.8° v
E-zoom	Continuous to 4x
Spectral band	3-5, 8-12 μ m
Automatic features	Auto focus, AGC, Digital Detail Enhancement (DDE)

SYSTEM FEATURES

Global Positioning System (GPS)	C/A code (supports military GPS plug-in)
Digital Magnetic Compass	0.3° accuracy
Eyesafe Laser Rangefinder (LRF)	Detachable, 1.54 μ m, > 5 km

OUTPUTS

Video	NTSC/PAL Video, S video, optional DVI
Connector types	BNC, S Video
Display type	Binocular, OLED
Image presentation	Monochrome, color and split screen

POWER

Power requirements	7 VDC/ 16 W (9 V to 32 VDC external)
Battery type and life	2.5 hours continuous (D cell Lithium) 4.0 hours in power save mode

ENVIRONMENTAL

Mil-Spec	MIL STD 810-F
Operating temp	-32°C to 55°C (-26°F to 131°F)

DIMENSIONS, WEIGHT & MOUNTING

Dimensions	22.2 x 24.9 x 8.3 cm (8.75" x 9.8" x 3.25")
Weight	< 4.4 kg (9.75 lb.)
Mounting	Tripod mount 1/4-20 base

INTERFACES

Command and Control	RS 232 or 422
Image download	USB (store up to 1000 JPEGs)

STANDARD PACKAGE

Storage/transport Case	Hard shell, lockable with fitted foam insert
Adapter/charger	110 VAC/220 VAC power supply (Qty 2)
Batteries	6 each, Lithium D cells rechargeable
Lens cleaning kit	Complete cleaning kit in nylon pouch
Cables	Video cable, 3 m with BNC connectors, BA-5590 cable, DVI cable
Battery charger	110 VAC/220VAC input
Operator's manual	

OPTIONS

Laser pointer	830 nm Class 3B 30 mW
Soft case	Lightweight with padded zippered compartments
Extender	2.5x Optical extender

STACE[™]
Digital Image Enhancement

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