

MilCAM Recon[®] III Lite

MEDIUM RANGE, LIGHTWEIGHT
THERMAL BINOCULAR



APPLICATIONS

- RECONNAISSANCE
- SURVEILLANCE
- SITUATIONAL AWARENESS
- BATTLE DAMAGE ASSESSMENT
- FORCE PROTECTION
- BORDER PATROL
- PORT SECURITY
- COUNTER DRUG OPERATIONS

FEATURES

- High resolution, large format 640 x 480 long-wave VOx Microbolometer
- New automatic digital image processing techniques
- Lightweight and rugged Mil-STD-810F qualified
- Internal digital magnetic compass
- Visible light camera
- Flexible remote control, power, and video options
- Laser pointer
- It's all FLIR inside

BENEFITS

- Delivers unmatched range performance and image quality
- Offers image detail unmatched by analog systems
- Reduces operator fatigue for long duration missions without sacrificing field hardening
- Allows operator to determine bearing to target and communicate direction to support personnel
- Provides color discrimination to operator, improving the ability to describe a daylight scene
- Can be configured for tripod use with full remote control for continuous operation with video output
- Offers additional tactical advantage when coupled with night vision equipment
- FLIR controls the entire supply chain on the critical technology inside MilCAM Recon systems, ensuring fast service and long term support



High sensitivity thermal imagery



Split screen mode viewing capability



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THERMAL IMAGING PERFORMANCE

Sensor type	640 x 480 VOx Microbolometer
FOV	9.2° h x 6.9° v
Digital zoom	Continuous to 4x
Spectral band	8-12 μm
Automatic features	Auto focus, AGC, STACE™ (digital image enhancement)

VISIBLE COLOR CHANNEL

Sensor type	1/4" IL CCD
Pixel format	768 x 494 pixels
Digital zoom	Continuous to 4x
Sensitivity	≥ 0.1 lux
FOV	9.2° h x 6.9° v

OUTPUTS

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

POWER

Power requirements	7 VDC/ 15 W (9 V to 32 VDC external)
Battery type and life	> 4.0 hours continuous (2 Lithium D cells)

ENVIRONMENTAL

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

DIMENSIONS, WEIGHT & MOUNTING

Dimensions	20.3 x 25.1 x 10.9 cm (8.0" x 9.9" x 4.3")
Weight	<2.3 kg (5.0 lb.)
Mounting	Tripod mount 1/4-20 base

INTERFACES

Command and Control	RS 232/422
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STANDARD PACKAGE

Storage/transport case	Hard shell, lockable with fitted foam insert
Adapter/charger	110 VAC/220 VAC power supply
Batteries	4 each, Lithium D cells, rechargeable
Lens cleaning kit	Complete cleaning kit in nylon pouch
Cables	Video cable, 3 m with BNC connectors Cigarette lighter, 3 m
Battery Charger	110 VAC/220 VAC input
Operator's manual	

ADDITIONAL FEATURES

Laser pointer	830nm Class 3B 30mW
Soft case	Lightweight with padded zippered compartments
Image storage	Up to 100 JPEGs
Image download	Via USB connection

STACE™
Digital Image Enhancement

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