

Recon III UltraLite

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
- 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
- Offers additional tactical advantage when coupled with night vision equipment
- FLIR controls the entire supply chain on the critical technology inside Recon systems, ensuring fast service and long term support



High sensitivity thermal imagery





Recon[®] III UltraLite

THERMAL IMAGING PERFORMANCE

Sensor type	640 x 480 VOx Microbolometer
FOV	9.2° h x 6.9° v
Digital zoom	2x, 4x
Spectral band	8-12 μm
Automatic features	AGC, STACE™ (digital image enhancement)

OUTPUTS

Video	NTSC/PAL Video
Connector types	BNC
Display type	Binocular, OLED
Image presentation	Monochrome

POWER

Battery type and life	> 4.0 hours continuous (5 CR123 cells)
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ENVIRONMENTAL

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

DIMENSIONS, WEIGHT & MOUNTING

Dimensions	24.6 cm x 14.5 cm x 8.4 cm (9.7" x 5.7" x 3.3")
Weight	<1.7 kg (3.75 lb)
Mounting	Tripod mount 1/4-20 base

STANDARD PACKAGE

Batteries	10 each CR123
Lens cleaning kit	Complete cleaning kit
Cables	Video cable, 3 m with BNC connectors
Laser pointer window.	830 nm Class 3B 30 mW; includes eyesafe training mode
Soft case	Lightweight with padded zippered compartments
Operator's manual	

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STACE™
Digital Image Enhancement

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Extraordinary Vision