

MilCAM 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
- 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
- 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





MilCAM 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, S Video |
| Display type | Binocular, OLED |
| Image presentation | Monochrome |

POWER

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

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 (3.75lb) |
| Mounting | Tripod mount 1/4-20 base |

INTERFACES

| | |
|---------------------|------------|
| Command and Control | RS 232/422 |
|---------------------|------------|

STANDARD PACKAGE

| | |
|-------------------|---|
| Batteries | 10 each CR123 |
| Lens cleaning kit | Complete cleaning kit |
| Cables | Video cable, 3 m with BNC connectors |
| Laser pointer | 830nm Class 3B 30mW |
| Soft case | Lightweight with padded zippered compartments |
| Operator's manual | |

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STACE™
Digital Image Enhancement

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GOVERNMENT SYSTEMS