

Recon[®] M18

HIGH PERFORMANCE TACTICAL POCKET SCOPE



APPLICATIONS

BORDER PATROL
LAW ENFORCEMENT
SEARCH AND RESCUE
SITUATIONAL AWARENESS
SURVEILLANCE
RECONNAISSANCE

FEATURES

640 x 480 FPA
Digital zoom
Lightweight
Simple operation
Covert laser pointer
Multi-use capability
Use Commercial Batteries
It's all FLIR inside

BENEFITS

High resolution imagery
Capable of E-Zoom up to 4x
Carry in your pocket comfortably
Speeds proficiency for first time users, buttons for ambidexterous use
Long-distance laser pointer for missions or short distance for training
Use as a handheld or tripod mount
Use standard CR-123
FLIR controls the entire supply chain on the critical technology inside Recon systems ensuring fast service and long term support





Recon® M18

IMAGING PERFORMANCE

FPA resolution	640 x 480, 320 x 240 (option)
E-Zoom	2x, 4x digital
Field of view	18.7° x 14° (standard), 13.8° x 10.4° (optional)
Versatility	3x Extender lens option

LASER POINTER

Standard	850 nm at 30 mW and 0.5 mW, Class 3b
Optional	Visible, eye safe lasers

DISPLAY & CONTROLS

Image display	640 x 480 color OLED
Image adjustments	AGC/ALC, manual, polarity, color, STACE™ digital image enhancement
User controls	On/off laser, AGC/ALC, manual calibration, NUC, reticle select, polarity, color palettes, display brightness, image enhancement modes, digital zoom
Calibration	On demand
Reticle	Auto-scale with zoom
Video out	NTSC, PAL

POWER

Power source	Two 3V CR123 batteries
Battery life	>3 hours with 640 array >3.5 hours with 320 array

INPUTS & OUTPUTS

Output	Standard Video (NTSC or PAL)
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DIMENSIONS, WEIGHT & MOUNTING

Weight	17 oz (~480 grams) with batteries
Mounting	1/4-20 tripod mount
Dimensions	5 l x 3.25 w x 2.25 h (12.7 x 8.25 x 5.7cm)

ENVIRONMENTAL

Operating temp	-32° to +55° C
Environmental	MIL-SPEC 810F
Water immersion	66' for 1 hour

ACCESSORIES

Included	Lanyard, carry bag with belt clip, video output cable, laminated quick reference card, spare batteries, Operators Manual
Optional	3x Extender lens

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STACE™
Digital Image Enhancement



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