

# Recon<sup>®</sup> M18 SWIR

HIGH PERFORMANCE SWIR  
TACTICAL POCKET SCOPE



## APPLICATIONS

SPECIAL OPERATIONS  
SURVEILLANCE  
RECONNAISSANCE  
LASER SPOT IMAGING  
TARGETING

## FEATURES

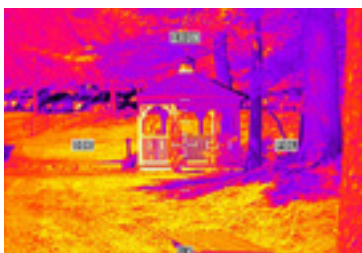
InGaAS SWIR 640 x 480 FPA  
Digital zoom  
Simple operation  
Covert laser pointer  
Video and image capture  
Multi-use capability  
Reliable battery life  
Full MIL hardened

## BENEFITS

Day/night imaging; sees through haze, obscurants  
Image magnification up to 4x  
Speeds proficiency for first time users, buttons for ambidexterous use  
Mark targets undetected  
Observe, detect, record and save target images to SD card  
Use as a handheld, tripod mount or remotely  
Two hours run time  
Ruggedized to military standards



M18-SWIR imagery grayscale



M18-SWIR imagery with color palette





## Recon® M18 SWIR

### IMAGING PERFORMANCE

FPA resolution	InGaAS SWIR 640 x 480 FPA
E-Zoom	1x, 2x, 4x digital
Field of view	18.7° x 14°

### DISPLAY & CONTROLS

Image display	640 x 480 color OLED
User controls	On/off, laser, AGC/ALC, reticle select, polarity, 4 color palettes, display brightness, DDE (Digital Detail Enhancement), digital zoom, image capture, record video

### INTERFACES

Image capture	Snapshot to removable SD card
Video recording	4 hours recording time on removable SD card
Video output	NTSC

### POWER

Power, internal	Four CR123 batteries
Battery life	2 hours
Power, external	12 VDC

### DIMENSIONS, WEIGHT & MOUNTING

Weight	<2.5 lbs. including batteries
Mounting	1/4-20 tripod mount
Dimensions	< 8" (L) x 4" (W) x 3.25" (H)

### ENVIRONMENTAL

Operating temperature	-32° to +55° C
Environmental	MIL-STD 810F
Water immersion	3' for 1 hour

### OPTIONAL SYSTEM FEATURES

Laser pointer	850 nm at 30 mW, Class 3b, non-eye safe
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### ACCESSORIES

Standard (included)	External power source (AC/DC supply), carry bag with belt clip, laminated quick reference card, spare batteries (8), SD card and case, video/power cable, handstrap, system manual, hard shell shipping case, lens cleaning cloth
Optional	Cigarette lighter adaptor cable, BA5590 cable, remote control pendant, 1913 rail throw lever rail adapter, neck strap

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