

# Advanced Thermal Imaging

## MLT-IRS-65HW

RIFLES

HEAVY MACHINE GUNS

ANTI-TANK ROCKET LAUNCHERS

EXTRA LIGHT-WEIGHT



### INCOMPARABLE THERMAL IMAGING QUALITY



MLT-IRS-65HW

Normal camera @ Nightfall

### FEATURES

- 3<sup>rd</sup> generation shutterless sensor
- High Definition Detector - 640 x 480
- Video Output to external monitor
- On-screen Compass & Tilt Indicator
- Image and video recording to SD card
- On-field, portable reticle downloader
- Operates on standard CR123 batteries
- 5 Preloaded reticles for various guns

### OPTIONAL FEATURES & PERIPHERALS



[MLT-IRS-PRD](#)

On-field, reticle downloader



[MLT-IRS-DVR](#)

Image, video recorder to SD card





# MLT-IRS-65HW

## THERMAL IMAGING PERFORMANCE

Sensor type	3 <sup>rd</sup> generation uncooled shutterless
Resolution	640 x 480 , 17 $\mu$ m
Field of view	10° h x 8° v
Spectral response	8 - 14 $\mu$ m
Sensitivity	< 50 mK

## OUTPUTS

Video	PAL / NTSC video output
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## POWER

Battery type	4 standard CR-123 / 2 standard 18650
Run time	> 10 hours / > 5 hours
External power	External power input, 6 VDC

## ENVIRONMENTAL

Operation temp	-35°C to +55°C
Storage temp	-40°C to +65°C
Standard	MIL-STD-810G
Waterproof	Immersible to 1m for 30min
Material	Aluminium

## STANDARD FEATURES

Eyepiece display	High definition 800 x 600
Dioptic correction	-5 to +5
Eye Relief	30mm, Rubber shield protection
Optical magnification	6.7x
Digital zoom	x2, x4
Sight controls	Gain, Contrast, Brightness, Black/White hot, Zoom
On-screen Indicators	Polarity, Zoom, Digital magnetic compass, Tilt indicator, Battery
Targeting Aid	5 preloaded reticles, Software for designing and adding custom reticles from PC
Range finder	Stadiometric, integrated on reticle Manual up/down hill calculation
Weapon mounting	MIL-STD-1913, fits Picatinny rail

## OPTIONAL FEATURES

Digital video recording	External DVR captures images and video in x264 format 32GB SD Card included
Reticle downloader	External on-field reticle downloader Powers from the sight - no additional power source required

## ACCESSORIES

Soft Case	Padded soft case for field transport
Hard Case	Hard sided case for storage or shipping
Lens cleaning kit	Soft lens brush and lens wipes
Operators manual	Includes sight operation and maintenance
Quick Reference guide	Pocket size card
Video cable	Sight connector to BNC for output to monitor

## DIMENSIONS

Weight	850 gr
Size (L x W x H)	230 x 50 x 70 mm

