

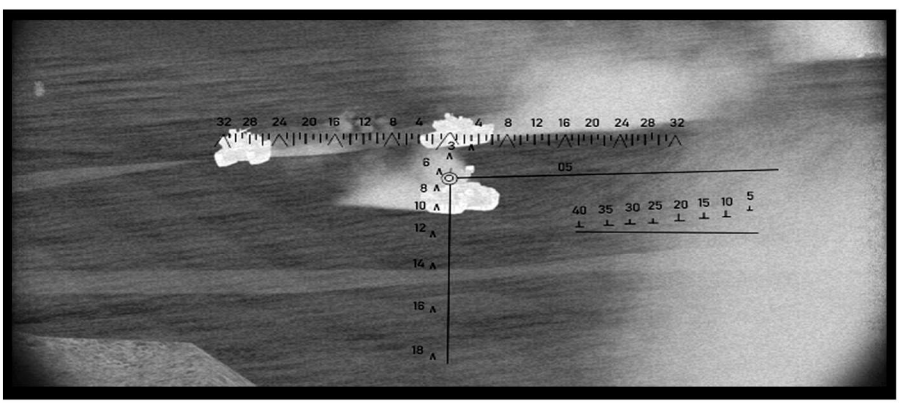
# Advanced Thermal Imaging

## MLT-DTP-308

RECONNAISSANCE  
TARGET ACQUISITION  
ARMORED VEHICLES / TANKS



### INCOMPARABLE THERMAL IMAGING QUALITY

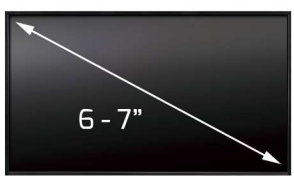


**MLT-DTP-308**  
(on-field operation)

### FEATURES

- Advanced uncooled shutterless sensor
- High-contrast embedded monitor
- High-resolution detection 640x480
- Easily mountable at any armored vehicle
- Built-in Day Camera
- Day / Night tactical operation
- On-screen indicators

### BUILT-IN COMPONENTS



Embedded LCD Monitor



Day Camera



# MLT-DTP-308

The MLT-DTP-308 is a rugged thermal vehicle periscope for tactical operation day or night, clear or obscured atmospheric condition such as dust, fog, rain or smoke. The periscope incorporates a state-of-the-art Gen.III shutterless infrared sensor able to detect heat emitting bodies far in the distance. It also incorporates a state-of-the-art day camera that can be used in normal weather conditions.

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## THERMAL PERFORMANCE

Focal Length	FL 7.5 mm - f/1.4
Sensor Type	Uncooled Shutterless
Resolution	640 x 480 / 17 $\mu$ pitch
Spectral Response	8 - 12 microns
NETD	50° mK @ 60Hz (F/1)
Field of view	65.2°(h) x 53°(v)

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## DAY CAMERA

Focal Length	FL 1.4 mm - f/4
Minimum Illumination	0.4 lux
Image Sensor	Inter-Line 1/4" CCD
Effective Picture Element	752(h) x 582(v)
Ballistic Glass Window	10 mm
Dimensions	93 x 33 x 58mm

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## EMBEDDED MONITOR

Resolution	800 x 600 pixels
Size	6 - 7 inches (Diagonal)
Contrast Ratio	1000:1
IP Rating	IP67
On-screen information	Custom overlay indicators
Surface Treatment	Anti-glare
Display mode	Normally White ,Transmissive
Active Area	154.08

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## GENERAL SPECIFICATIONS

Size	198 x 126 x 112 mm
Focus Range	1m to infinity
Range to Acquire Moving Man	> 300 m
Initial Start-up	< 3 seconds
Casing	Armored Steel
Color	Military Green / Desert Sand
Germanium Window	5 mm
Environmental Standard	MIL-STD-810G
Image Selection	Day / Night

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