

# Miniature Thermal Viewer



## DESCRIPTION:

The MTV is a member of a family of miniature, low power, high performance thermal viewers. The MTV operates without a shutter or thermo-electric cooler found in most other LWIR units. This provides longer battery life, silent operation and instant on which are critical in covert and mobile operations. Custom optics, image processing, packaging and interface options are available.



## FEATURES

- Lowest power consumption in its imaging class
- Unique shutterless design provides silent operation and instant on
- Image capture and Download
- Unity Magnification or 2X Electronic Zoom
- Automatic or Manual Gain Control
- Weapon mounting option



**Part Numbers:**

Miniature Thermal Viewer 20: MTV-20

Miniature Thermal Viewer 40: MTV-40



Characteristics	Specifications
Resolution	320 x 240
NEDT (f/1 aperture)	65mK
Video Out	RS-170
Controls	Keypad
Power Consumption	<1.3 Watts
Power Source	2 AA Lithium Batteries
Operating Time	> 5.5 Hours
FOV (diagonal)	20° standard / 40° optional
Size	1.8"W x 3.0"H x 4.0"L
Weight with battery	<320 grams
Aperture Size	14mm f/1.0
Focus	6 Inches to Infinity
Pixel Size/Pitch	25.4 microns
Operating Temperature	-20 to +52 °C
Frame Rate	60 Hz
Turn on Time	<0.4 seconds typical
Laser Illuminator	Optional

All specifications are subject to change without prior notice.

**Authorized Dealer**

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