



MTi3 Thermal Imager

Introducing the MTi3 Thermal Imager, your ultimate solution for predictive maintenance, equipment troubleshooting, and verification tasks. Equipped with advanced features such as high thermal sensitivity, versatile imaging modes, and a compact, ergonomic design, this handheld imaging camera delivers unparalleled performance and accuracy. Whether you're conducting electrical inspections, HVAC diagnostics, or building assessments, the MTi3 provides crystal-clear thermal images displayed on its 2.8-inch LCD. With a robust design and intuitive interface, it's perfect for professionals across industries. Capture, analyze, and share thermal data effortlessly with the included Thermview Pro software. Ensure safety, prevent downtime, and optimize operations with the MTi3 Thermal Imager.



**Compact &
Convenient Size**



**2.8" 320x240px
TFT Display**



**2 Megapixels
FOV: 43° x 23°**



Download the
Free MT App
Thermal-X



2
YEARS
WARRANTY
LIMITED

Features

- Thermview Pro Software included for seamless integration and data transfer to PC
- High Thermal Sensitivity/NETD of < 0.05°C at +30°C (+86°F)
- Field of View (FOV) Minimum Focus Distance of 43°x 23°/ 0.5m
- Wide Temperature Ranges from -20°C to +150°C (-4°F to +302°F) or 0°C to +550°C (+32°F to +1022°F)
- Precise Measurement Accuracy of ±2°C (3.6°F) or ±2% of reading
- Versatile Imaging Modes including IR Mode, Visual Mode, Picture in picture, and Auto fusion (IR and Visual)
- Storage Media options include 8GB Micro SD card and 3.4GB internal EMMC
- MPEG-4 encoded Video Storage, allowing up to 60 minutes of 640x480 video at 30fps
- Video/Image Storage modes include IR, Visual or simultaneous storage of both IR and Visual
- Drop tested up to 2m, Bump tested up to 25G and Vibration tested up to 2G
- Up to 4 hours of uninterrupted operation with the rechargeable Li-Ion battery

Function	Range
Field of View (FOV)	43°x 23°/ 0.5m
Thermal Sensitivity/NETD	< 0.05°C @ +30°C (+86°F) / 50 mK
Image Frequency	25Hz
Focus Mode	Focus Free
Focal Plane Array(FPA)/ Spectral Range	8-14μ(Uncooled Microbolometer)
IR Resolution	160x120 Pixels
Display	2.8 in. LCD, 320x240 Pixels
Image Modes	IR Mode, Visual Mode, Picture in picture, & Auto fusion
Object Temperature Range	-20°C to +150°C (-4°F to +302°F), 0°C to +550°C (+32°F to +1022°F)
Measurement Accuracy	±2°C (3.6°F) or ±2% of Reading
Storage Media	8GB Micro SD card and 3.4GB internal EMMC
Video Storage Format	MPEG-4 encoded video (640x480 at 30fps)>60 minutes on SD card
Image Storage Format	JPEG or HiR(incl. measurement data) >6000 images
Built-in Digital Camera	2 Megapixel
Digital Lens	FOV 59°
Interfaces	USB Type-C
Battery	Li-ion battery, 4 hours operating time
Operating Temperature Range	-15 to 50°C (5 to 122°F)
Humidity (Operating & Storage)	10%~90%
Drop Test	Up to 2m
Bump Test	25G (IEC60068-2-29)
Vibration Test	2G (IEC60068-2-6)
Size	90 x 85.3 x 25mm
Weight	180g

MTi3 | 160x120 Pixel Mini Thermal Imager

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