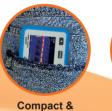


MTi3 **Thermal Imager**

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.









2.8" 320x240px **TFT Display**



2 Megapixels FOV: 43° x 23°







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)
- Feild 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

Field of View (FOV) Thermal Sensitivity/NETD A 3°x 23°/ 0.5m Thermal Sensitivity/NETD A 0.05°C @ +30°C (+86°F) / 50 mK Image Frequency E 5Hz Focus Mode Focus Free Focal Pane Array(FPA)/ Spectral Range Microbolometer) IR Resolution Display Dis	Function	Range
Image Frequency25HzFocus ModeFocus FreeFocal Pane Array(FPA)/ Spectral Range8-14μ(Uncooled Microbolometer)IR Resolution160x120 PixelsDisplay2.8 in. LCD, 320x240 PixelsImage ModesIR Mode, Visual Mode, Picture in picture, & Auto fusionObject 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 ReadingStorage Media8GB Micro SD card and 3.4GB internal EMMCVideo Storage FormatMPEG-4 encoded video (640x480 at 30fps)>60 minutes on SD cardImage Storage FormatJPEG or HiR(incl. measurement data) >6000 imagesBuilt-in Digital Camera2 MegapixelDigital LensFOV 59°InterfacesUSB Type-CBatteryLi-ion battery, 4 hours operating timeOperating Temperature Range-15 to 50°C (5 to 122°F)Humidity (Operating & 10%~90%10%~90%Storage)Up to 2mBump Test25G (IEC60068-2-29)Vibration Test2G (IEC60068-2-6)Size90 x 85.3 x 25mm	Field of View (FOV)	43°x 23°/ 0.5m
Focus Mode Focal Pane Array(FPA)/ Spectral Range 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 Digital Lens FOV 59° Interfaces USB Type-C Battery Li-ion battery, 4 hours operating time Operating Temperature Range Humidity (Operating & 10%~90% Storage) Drop Test Up to 2m Bump Test 25G (IEC60068-2-29) Vibration Test 26 (IEC60068-2-6) Size 90 x 85.3 x 25mm	Thermal Sensitivity/NETD	< 0.05°C @ +30°C (+86°F) / 50 mK
Focal Pane Array(FPA)/ Spectral Range 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 -15 to 50°C (5 to 122°F) Range Humidity (Operating & 10%~90% Storage) Drop Test Up to 2m Bump Test 25G (IEC60068-2-29) Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm	Image Frequency	25Hz
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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 \$\frac{\text{2°C}}{200000000000000000000000000000000000	Display	2.8 in. LCD, 320x240 Pixels
+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 Humidity (Operating & 10%~90% Storage) Drop Test Up to 2m Bump Test 25G (IEC60068-2-29) Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm	Image Modes	•
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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 Digital Lens FOV 59° Interfaces USB Type-C Battery Li-ion battery, 4 hours operating time Operating Temperature Range Humidity (Operating & 10%~90% Storage) Drop Test Up to 2m Bump Test 25 (IEC60068-2-29) Vibration Test 26 (IEC60068-2-6) Size 90 x 85.3 x 25mm	Measurement Accuracy	±2°C (3.6°F) or ±2% of Reading
Sofps Sof minutes on SD card	Storage Media	
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Digital Lens Digital Lens FOV 59° Interfaces USB Type-C Battery Li-ion battery, 4 hours operating time Operating Temperature Range Humidity (Operating & 10%~90% Storage) Drop Test Up to 2m Bump Test 25G (IEC60068-2-29) Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm	Image Storage Format	,
Interfaces USB Type-C Battery Li-ion battery, 4 hours operating time Operating Temperature Range Humidity (Operating & 10%~90% Storage) Drop Test Up to 2m Bump Test 25G (IEC60068-2-29) Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm	Built-in Digital Camera	2 Megapixel
Battery Li-ion battery, 4 hours operating time Operating Temperature Range Humidity (Operating & 10%~90% Storage) Drop Test Up to 2m Bump Test 25G (IEC60068-2-29) Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm	Digital Lens	FOV 59°
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	Interfaces	USB Type-C
Range Humidity (Operating & 10%~90% Storage) Drop Test Up to 2m Bump Test 25G (IEC60068-2-29) Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm	Battery	Li-ion battery, 4 hours operating time
Storage) Up to 2m Bump Test 25G (IEC60068-2-29) Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm		-15 to 50°C (5 to 122°F)
Bump Test 25G (IEC60068-2-29) Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm		10%~90%
Vibration Test 2G (IEC60068-2-6) Size 90 x 85.3 x 25mm	Drop Test	Up to 2m
Size 90 x 85.3 x 25mm	Bump Test	25G (IEC60068-2-29)
	Vibration Test	2G (IEC60068-2-6)
Weight 180g	Size	90 x 85.3 x 25mm
	Weight	180g

MTi3

160x120 Pixel Mini Thermal Imager

Contact Us South Africa







