

## **MTi13** Thermal Imager

The MTi13 Thermal Imager, featuring a 256 x 192 pixel sensor at 25Hz and built-in Wi-Fi, is designed for predictive maintenance, equipment troubleshooting and verification tasks. This device quickly identifies anomalies in drive motors, electrical panels or HVAC systems. The 2.8" LCD display with 240 x 320 pixels ensures clear visualization of thermal images, covering a temperature range of -20°C to 550°C. Additional features include adjustable emissivity, centre spot temperature and hot/cold alarms. The included Thermview Pro software streamlines the capture, analysis and sharing of thermal data, enhancing safety, preventing downtime and optimizing operations.

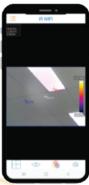
## **Features**

- Real-time streaming of videos and images via Wi-FI
- Thermview Pro Software included for seamless integration and data transfer to PC/Mobile using USB Type-C or Wi-Fi
- Field of View (FOV)/Minimum Focus Distance of 62°x48°/0.5m
- Thermal Sensitivity of <0.04°C at 30°C (86°F)/40mK
- Object Temperature Range from -20°C to 550°C (-4°F to 752°F)
- Measurement Correction options including Emissivity and Reflected temperature
- Versatile IR/Visual Images, simultaneous storage of IR and Visual Images
- Storage Media options include 8GB Micro SD card and 3.4GB internal **EMMC**
- MPEG-4 encoded Video Storage, allowing up to 60 minutes of 240x320 video at 30fps
- Up to 4 hours of uninterrupted operation with the rechargeable Li-lon battery
- 25Hz Image Frequency
- Colour Palettes include Iron, Rainbow, Grey, Grey Inverted, Brown, Blue-Red, Hot-Cold and Feather

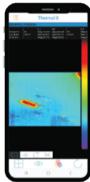


Function R	lange
Imaging and Optical Data	
IR Resolution 2	56 x 192 Pixel
Field Of View 6:	2° x 48°
Spatial Resolution 4.	.6mrad
Thermal Sensitivity <	0.04°C at +30°C (86°F)/40mK
Image Frequency 2	5Hz
Focus Fo	ocus Free
Image Presentation	
Display 2	.8" LCD, 240 x 320
Image Modes IF	R Image, Visual Image, Auto Fusion
Colour Palette In	ron, Rainbow, Grey, Grey Inverted, Brown, Blue-Red, Hot-Cold,
Fe	eather
Measurements	
Object Temperature Range Object -2	20°C to 550°C (-4°F to 752°F)
Temperature Accuracy +:	2°C (3.6°F) or ±2% of reading
Measurement Analysis	
Spot C	Centre Spot
Automatic Hot/Cold Detection A	auto Hot or Cold markers
Measurement Corrections E	missivity, Reflected Temperature
Storage	
Storage Media 8	GB Micro SD Card, 3.4GB Internal EMMC
Video Storage Format St	tandard MPEG-4 encode, 240x320@30fps, on memory card, > 30
m	ninutes
	R/Video images, simultaneous storage of IR and Visual images
Image Storage Format St	tandard JPEG or HIR files including measurement data, on memory
Ca	ard > 6000 pictures
	nternal Image analyses tools, Complete function
Digital Camera	
-	Megapixels
	OV 65°
Data Communication Interfaces	
	JSB-Type C
	oata transfer between camera and PC.
	ive video between camera and PC
	02.11, transfer images and real time video stream
	24 x 77 x 96mm
Weight 5	00g









File Transfer via Wi-Fi to free iOS or Android app (phone not included)









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256 x 192 Pixels Thermal Imager

Contact Us South Africa







