

## T-256

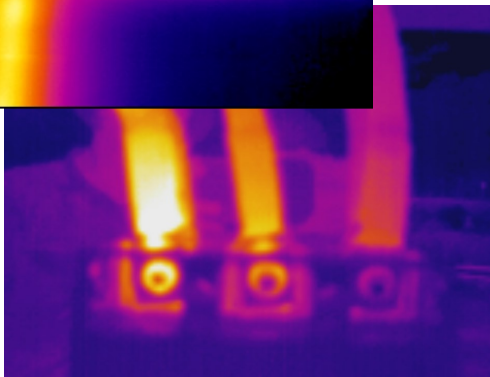
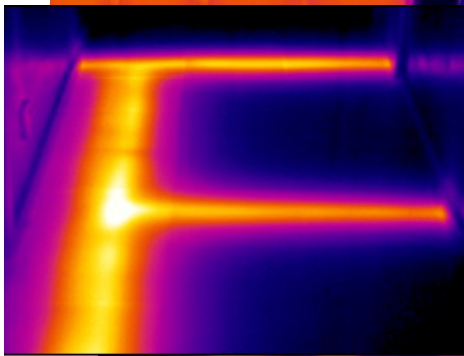
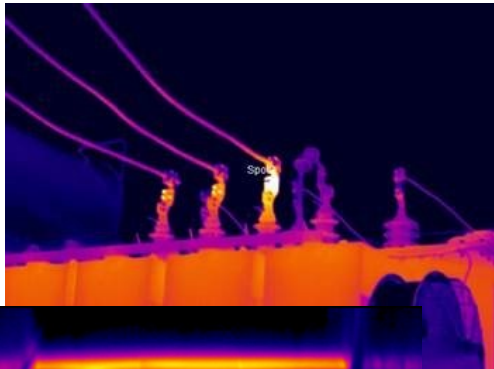
### Affordable Thermal Camera



The T-256 is a newly designed product from SATIR. This camera is designed to fit easily and comfortably into the end-user's hand for a long day of surveying.

The T-256 has a very clear digital camera as it is 13MP many of our previous cameras only have a 5MP digital camera which can be useful when compiling reports. The T-256 has memory storage of 64GB which allows for plenty of space for videos and images.

The T-256 has an 256x192 IR detector making it suitable for wide range of thermal imaging surveying applications. It is ideal for industrial applications such as electrical, mechanical and electrical.



### Key Features

- 256x192 IR Detector
- Android Open Platform
- 30Hz Frame Rate
- HDMI output for Images and Video
- Temperature Range  $-20^{\circ}\text{C} \sim +550^{\circ}\text{C}$
- Suitable for Industrial applications such as mechanical, plumbing and electrical
- Touch screen, easy to use new interface

# T-256 Specifications

Thermal Camera	
Detector Type	UFPA
Detector Resolution	256x192
Pixel Size	12µm
Thermal Sensitivity (N.E.T.D)	≤50mK (0.05°C)@30°C
Spectral range	7.5~14µm
Focus/Min. Focus Distance	Focus Free/50cm
Field of View (FOV) / IFOV	56°x42° / 3.4 mRad
Measurement	
Temperature Range	-20 °C ~ + 550°C
Accuracy	±2°C or ± 2% of readings
Image Presentation	
Image Mode	IR/Digital/Fusion
Visible Pixels	HD 13MP Digital Camera
LCD Display	3" Capacitive Touch Screen (640x480 colour)
Frame Rate	30Hz
Image Output Mode	Analogue Video Output
File Format (Thermal/Visual)	JPEG
Memory Card	64GB TF Card
Power	
Battery Type	3.7 V 3500mAH Removable Li-ion Battery
Operation Time	5 Hours
Environmental	
Encapsulation	IP54
Shock/Vibration Resistance	25G/2G
Operating Temperature	-20°C ~ +60°C
Physical Characteristics (Camera Body)	
Weight	<500g (with battery)
Dimensions	Height 25cm Camera Head Length 13cm
Additional Features	
Operating System	Android
Ports	USB Type C, HDMI
Wi-Fi, Bluetooth, Light	Yes
Accessories	
Li-ion Battery, Power Supply, USB Cable & Carry Case	Yes

Please be aware specifications can vary from time to time