T-256

Affordable Thermal Camera

The T-256 is a newly designed product from SATIR. This camera is designed to fit easily and comfortable 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.
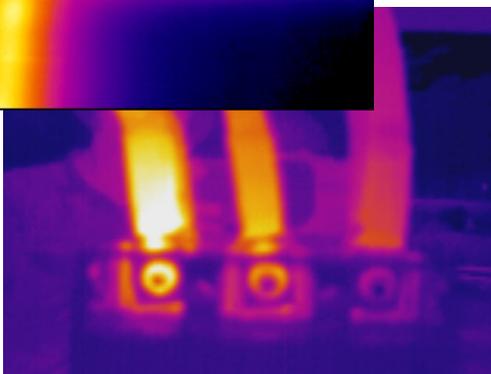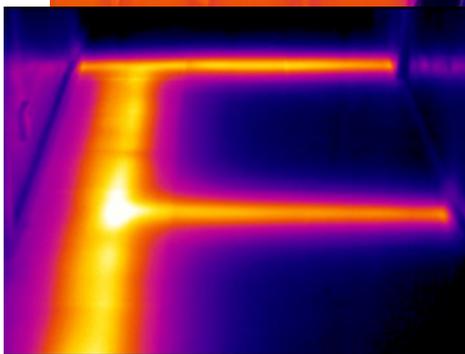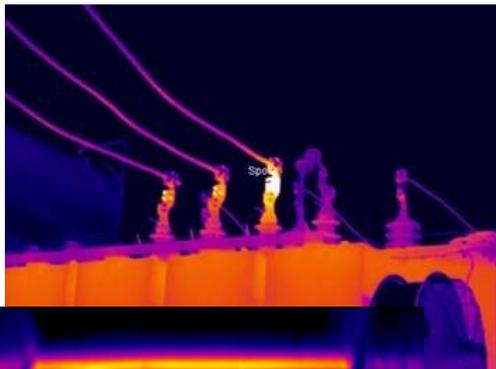
Key Features

- 256x192 IR Detector

- Android Open Platform

- 30Hz Frame Rate

- HDMI output for Images and Video

- Temperature Range –20°C ~ + 550°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	8~14µm
Focus/Min. Focus Distance	Fixed/50cm Focus Free
Field of View (FOV)	56°x42°
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