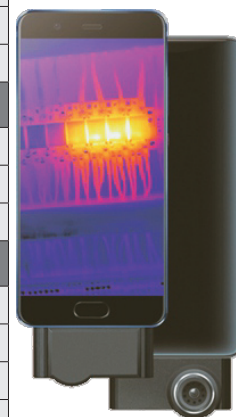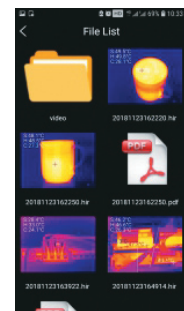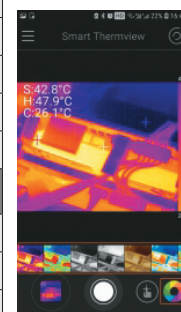# T-10

The Smart Thermal Camera

The smart thermal camera can be used to connect to Android Smartphones with USB-C or Micro-USB. The T-10 doesn't need any additional battery, storage or display. It just needs to be connected to the smartphone using the USB interface, using the free Playstore app, Smart Thermview, it converts the phone into a fully operational Thermal Imaging Camera, with the capability to capture, analyze, generate report and share it all from the same device. With the combination of the T-10 and the Smart Thermview app, all operations of a standalone Thermal Imager can be done right from your smartphone. With the options to do live analysis, change colour pallets, generate reports in PDF, do full analysis on saved thermal images and then share all of them right from your smartphone makes it a game changer.
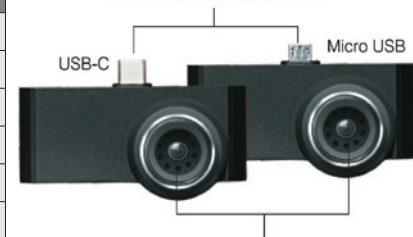
SPECIFICATIONS

Imaging & Optical	
Thermal Resolution	206 x 156px
Wavelength	8 ~ 14µm
Frame Rate	9Hz
Field of View (Horizontal x Vertical)	35.4° X 26.8°
Shutter	Automatic
Focus Mode	Manual
Minimum Focus Distance	0.5m, Max 1m
Detection Range	330m
Recognition Range	83m
Identification Range	48m
Measurement	
Measurement Range	-10°C ~ 330°C
Repeatability / Accuracy (-10~100°C)	±2°C / ±5°C
Repeatability / Accuracy (100~330°C)	±2% / ±5%
Thermal Sensitivity/NETD	@f/1.0 Typical 50mk Max 70 mk
	@f/1.2 Typical 70mk Max 100mk
Environment	
Operating Temperature	-20°C ~ 60°C
Storage Temperature (Non-Condensing)	-40°C ~ 85°C
Mechanical Shock	Drop from 2m
Common Features	
Weight	54g (T-10)
Dimensions (WxHxD)	68 x 33 x 28 mm (T-10)
Phone	Android
Connections	USB-C (Android) Micro-USB (Android)
App Features	
Colour Pallet	9 Options
Capture Mode	Photo, Video
File Format	HIR, Mp4
Spot	Center Spot
Automatic Hot/Cold Detection	Auto Hot/Cold Markers
Temperature Analysis	User Defined Points, Lines and Areas
Report	PDF report export and Share

Connect to Smartphone

USB-C | Micro USB

Infrared Camera lens

Disclaimer of images being only for illustration and specs and design can be changes without prior intimation.