

TSC620-K-2H

## Dual Spectral Thermal Imaging Thermometer



### Product Introduction

Tsinglink TSC620-K-2H Dual-spectral Thermal Imaging Thermometer is a thermometer that mainly aims at the scene monitoring multiple people entering and leaving at the same time. The product has thermal imaging high precision temperature measurement, Real-time temperature measuring, Multipoint abnormal temperature alarm, visible light display the tested temperature and alarm data, Continuous video recording, Alarm automatically capture, Face detection, Face recognition, Mask wore intelligent detection, Over temperature intelligent alarm export, and other functions. It can be efficient to complete rapidly non-contact body temperature screening, body temperature measurement registration, etc. rapid screening work in public places with large flow of people. Deployment is convenient and quick. It can be widely used in subway station, MTR station, railway station, bus station, airport, hospital, school, community, government agencies, Banks, business, business hall, prisons, checkpoints and other places.

### Function Features

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- \* Non-contact rapid screening, Real-time temperature measurement, to avoid cross infection;
- \* Long distance, large area detection, accurate and rapid screening;
- \* Up to 300 people can be tested per minute;
- \* Multi-point abnormal temperature alarm, visible light display temperature, alarm. Temperature measurement accuracy is high;
- \* Continuous video, Historical retrospection is well documented;
- \* Support face recognition combine body temperature report, complete body temperature measurement registration;
- \* No mask detection alarm;
- \* Temperature measurement accuracy  $\leq \pm 0.3^{\circ}\text{C}$ ;
- \* With computer, TV and other clients, can be quickly deployed;
- \* Alarm automatically capture;

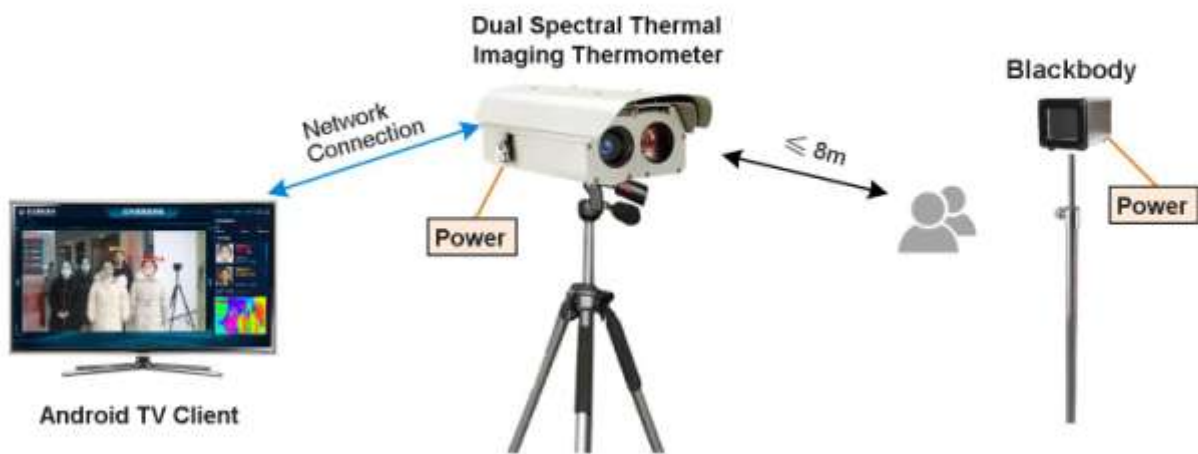
## System Application

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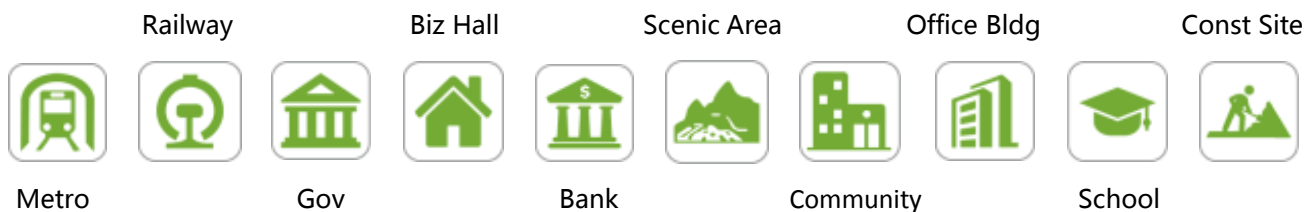
**Solution 1: Dual Spectral Thermal Imaging Thermometer + Computer + Blackbody**



**Solution 2: Dual Spectral Thermal Imaging thermometer + Android TV + Blackbody**



**Industry Application**



## Technical Parameters

Visible Light Video	Sensor	1/1.8" CMOS 200W
	Encoding Resolution	1920×1080
	Encoding Algorithm	H.264/H.265
	Video Frame Rate	1~30fps settable
	Focus	3.6~10mm Electrical Adjustable Focus
Thermal imaging parameter	Detector Type	Long - wave infrared non - cooled focal plane array
	Detector Resolution	384×288
	Pixel Size	17μm
	NETD	<50mk@300K , f1.0
	Work Spectrum	8-14μm
	Non-uniform correction	Block slice
	Lens	13mm
Temp. MEAS Parameters	Temp. MEAS Range	+26°C~+46°C
	Temp. MEAS Accuracy	With blackbody: ±0.3°C ; Without blackbody±0.5°C
	Temp. MEAS Distance	≤8m
Intelligent Application	Face Detection	Support
	Face Recognition	Support
	Mask Wearing Detection	Support
Other Interface	Audio	Support Audio Input / Output
	Alarm	Support switch volume alarm input and output
	Serial Port	Support RS485 serial port communication
Other Parameters	Power Supply	12V DC power supply
	Power Consumption	Typical power consumption ≤10W
	Working Temp.	With blackbody: 0°C~+40°C; Without blackbody: +10°C~+30°C
	Measurement	365mm×216mm×138mm

## Order Model

TSC620-K-2H	It supports multi-person temperature measurement, face detection, face recognition, mask wearing detection and other intelligent algorithms
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