Thermal Scanning and Facial Recognition Camera

The temperature of your body is no longer considered private information. That’s the stance that businesses around the world are taking as they install thermal imaging cameras for the safety of staff and visitors, often equipped with facial recognition technology, in their buildings in an attempt to cope with the [COVID-19 pandemic](https://spectrum.ieee.org/static/covid19-ieee-resources). It’s a movement one might call the automation of temperature checks.

The Purpose of Thermal Scanning & Facial Recognition

The purpose is to identify anyone walking into an establishment with a high temperature. This will reduce the likelihood of spreading any potential virus and brings some peace of mind to people in the building.

We can pair your thermal camera/s with facial recognition software. Employees will check in by standing in front of the camera, which identifies them by their face in just a few seconds without contact (with or without a mask on) and simultaneously performs a thermal scan. It will record a photo of the individual, the date, the time and the temperature reading at that time of entering the building. If the camera detects a high temperature reading, it will sound an alarm in real time and send a notification to a nominated administrator/in-house security.

Where and how can it be used?

This Camera can be used with access control gates. It is used in office buildings, schools, hotels, hospitality, in fact, any space where Covid is potentially a threat to staff or visitors.

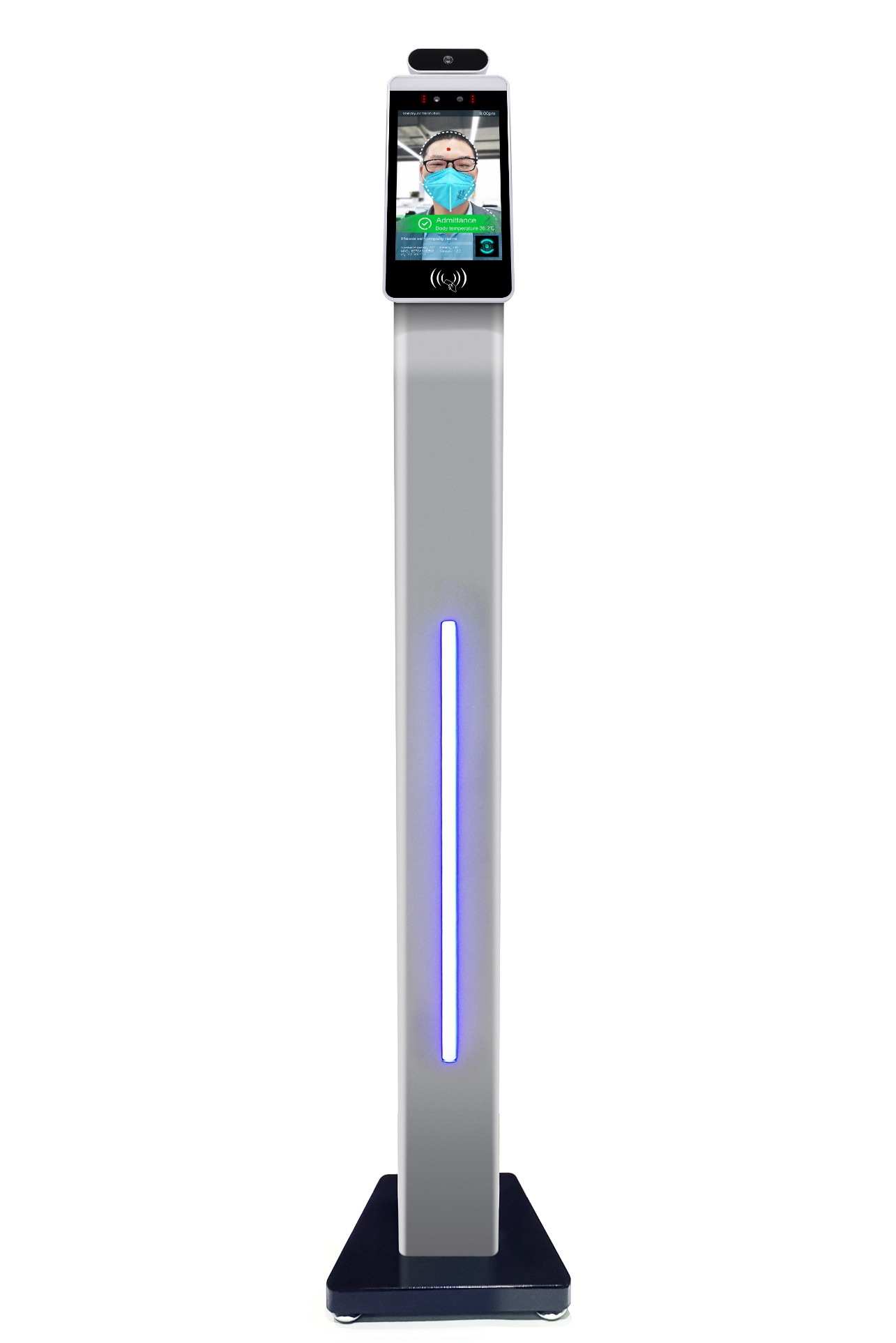
Our Thermal Scanning & Facial Recognition Camera is used as a safety and security measure.

If someone gets sick and takes legal action, you can demonstrate that you have made your best effort to protect your staff and visitors.

Portable Camera for a Reception Desk



Portable Floor Standing Camera



CALL 1300 302 884 for further information and a free quote

**Technical Specifications**

**Model TY-08Camera**

**Camera**

Resolution: 2 million pixels

Type: Binocular wide dynamic camera

Aperture: F2.4

Focusing distance: 50-150cm

White balance: auto

Photo flood light: LED and IR dual photo flood light

**Screen**

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Size: 8.0 inch IPS LCD screen

Resolution: 800×1280

Touch: Not supported

**Processor**

**Processor**

CPU: RK3288 quad-core

Storage: EMMC 8G

**Interface**

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Network module: Ethernet and wireless (WIFI)

Audio: 2.5W / 4R speakers

USB: 1 USB OTG, 1 USB HOST standard A port

Serial communication: 1 RS232 serial port

Relay output: 1 door open signal output

Wiegand One Wiegand: 26/34 output, one Wiegand 26/34 input

Upgrade button: Support Uboot upgrade button

Wired network: 1 RJ45 Ethernet socket

**Function**

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Face Detection: Supports facial detection

Face library: Up to 30,000

1: N face recognition: Support

1: 1 face comparison: Support

Stranger detection: Support

Identify distance configuration: Support

UI interface configuration: Support

Upgrade remotely: Support

Interface: Interfaces include device management, personnel /

photo management, record query, etc.

Deployment method: Support public cloud deployment, privatized

deployment, LAN use, stand-alone use

**Infrared Imaging Thermal Module**

Temperature detection: Support

Temperature detection distance: 1 meter (optimal distance 0.5 meter)

Temperature: ≤ ±0.5℃ measurement accuracy

Temperature measurement range: 10℃~42℃

Pixels: 32 X 32 dots (total 1024 pixels)

Visitors' temperature is

normal and released

directly: Support

Abnormal temperature alarm: Support (temperature alarm value can be set)

AV Media Systems

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