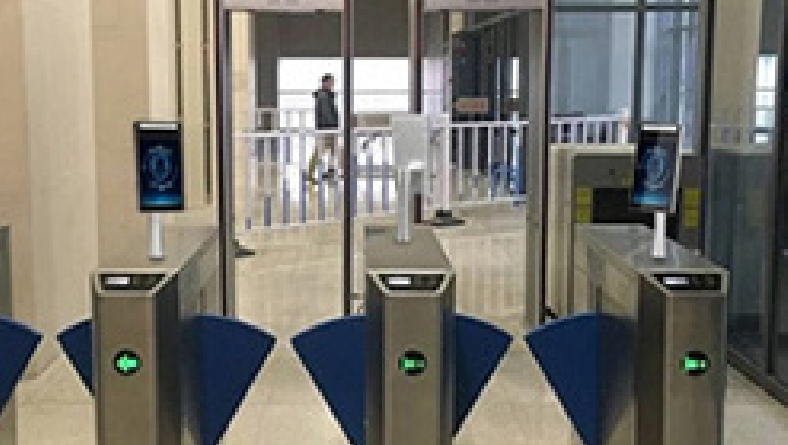# Thermal Detection Module

Helping to create Peace of Mind In Public Spaces

CONTACTLESS – MAINTAIN SOCIAL DISTANCING PROTOCOLS

This is a contactless method of skin temperature screening, allowing safe indication while maintaining Social Distancing requirements
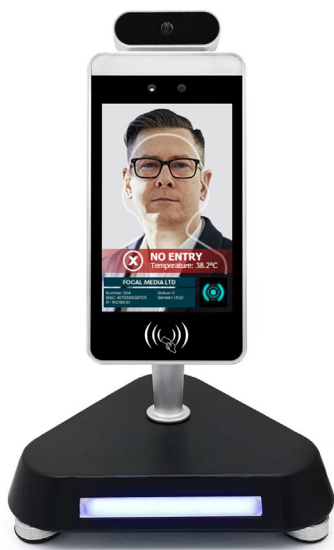
Works in Seconds

Within 2 seconds our Thermal Detection Module is able to screen employees for signs of elevated skin temperature and alert the staff member or customer using infrared light

Stand options & Accessories

Adjustable Mounts

Comes with a Adjustable Freestanding Mount. Also available as a Wall Mounted Unit or with a Table stand.

EMS COPIERS
Managed Print Solutions

📞 **+ 353 1 620 5501**

Tall Stand   Counter Stand

Key Features

Temperature alarm

Equipped with an optional abnormal temperature alarm. Voice alarm volume customisation will accommodate louder environments, such as construction sites and factories.

Works with protective masks

Recognition technology enable detection with or without PPE. Works on individuals both with and without a protective face mask over their mouths.

Recording Enabling Available

Enable the video recording to record every user. Recorded images confirm date/time/photo of the each user which can be extracted from device via username/password. Manual Extraction assists in compliance with GDPR regulations.

Technical Specification

Category	Specification	Value
Camera	Pixel	200W pixels
	Type	RGB Infrared dual camera
	Aperture	F2.4
	Focal Distance	50-150cm
	White Balance	Automatically
	Fill Light	LED & Infrared double fill light
Screen	Size	8.0 inch IPS LCD
	Resolution	Screen 800x1280
	Touch Sensor	No
Processor	CPU	RK3288 Quad-Core
	Local storage	EMMC 8G
Ports	Internet	Ethernet, Wi-Fi
	Audio	2.5W/4R horn
	USB ports	USB x 2 HOST standard A
	Serial - communication	RS232 x 1
	Relay output	1 single output
	Wiegand interface	26/34output x 1 26/34input x 1
	Upgrade button	Leave the Uboot upgrade button on the device line
	Wired Network	RJ45 x 1
Face Detection	Face library support	Up to 30,000
	1 : N Face recognition	YES
	1 : 1 Face comparison	YES
	Stranger detection	YES
	Identify distance configuration	YES
	UI interface configuration	YES
	Device Ports	Equipment management, personnel / photo management, record query, etc.
	Deployment method	Supports public cloud deployment, privatized deployment, LAN use
Infrared Thermal Imaging Module	Temperature detection	Yes
	Temperature detection distance	1 meter (≤0.5 meter)
	Temperature measurement accuracy	≤ +/- 0.2°C
	Temperature measurement range	10°C - 42°C
	Thermal Field of View	32 X 32°C
	Normal temperature release	Yes