



COREMATIC

COREMATIC Engineering introduces

THERMOSCAN

Fever Monitoring • Contactless • Mass Screening



Smart Thermometer

Thermoscan is a unique body temperature sensing security camera designed to help protect against pathogenic community spread by rapidly pre-screening individuals before they enter a facility.

Current screening methods involve contact thermometers and are a very slow and tedious process. With this body temperature camera, people can be pre-screened for fever as quickly as they can walk through a gate. It really is a one-of-a-kind tool for businesses to help screen against those who may be ill and unaware of their health status.



EXCELS IN PROVIDING

- Body temperature readings
- Facial recognition
- Door / Gate control
- Access card control (NFC)
- History records



WELL CONNECTED

- WIFI, Bluetooth, 4G connectivity (SIM card must be installed before delivery).



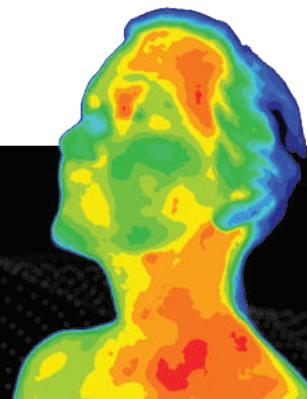
CONTROL EXTERNAL HARDWARE

- Rich interface (Serial, Wiegand, Relay) to interface and control external hardware.



INFRARED CAMERA

- Accurate body temperature reading.



Contact COREMATIC for further information
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COVID-19 Mass Screening



Employers are now forced to re-think their approach to workplace health with enhanced cleaning and sanitising protocols to support the critical nature of face-to-face workplace interactions.

To that end, Corematic Engineering has released Thermoscan. Installed in entryways, checkpoints or other crowded venues, it can provide mass screenings, as well as recurrent temperature monitoring for potentially infected individuals.

Thermoscan is suitable for all type of businesses:

- Hospitals
- Transportation hubs
- Restaurants
- Hotels
- Schoolsafety
- Casinos
- Manufacturingindustry facilities
- And many other businesses...

Latest Technology For Face Recognition

Thermoscan's camera can quickly and accurately test human body temperature through facial scanning, and alarm users if it is too high. The recognition rate of Thermoscan is no more than 1 second and the technology has an overall pass rate of about 40 people per minue.



FACE INTELLIGENT DETECTION



CONTACTLESS TEMPERATURE SCAN



EMPLOYEE FACE RECOGNITION
INCL. FACE MASK DETECTION

THERMOSCAN

Specification

	Description	Specification
Basic Specification	Processor	Qualcomm octa-cores 1.2GHz 64-bit processor
	OS System	Linux
	Display Screen	7-inch, 16:9, WSVGA 1024 × 600 pixel
	Power Supply	12 VDC/2 A Power supply (DS-KP12V-3A)
	Operation Temperature	0° to 50°C
	Sealing Level	IP54
	Application	Indoor and windless environment use only
	Dimension	116.5 (W) x 290 (L) x 33 (H)
Hardware Configuration	Identity mode	Face printing
		Mifare Card
	Face recognition parameters	Recognize time < 1 s/person
		Accuracy ≥ 99%
		Facial recognition distance 0.3 m~2.0 m
		Local face database capacity is 50,000
	Interface	Serial port × 1
		Alarm output × 1, Alarm input × 2
		Wiegand Extension Interface x1 (Read and Write)
		USB2.0 x1
Lock ×1, Door contact × 1, Exit button × 1		
Tamper × 1		
Camera	2 MP dual-lens camera, WDR	
Infrared Camera	2M pixels 1080P	
Wired connection	RJ45	Support, 10/100/1000 Mbps self-adaptive
Body Temperature Detection	Temperature report range	30 to 45°C
	Measuring accuracy	±0.5°C
	Measuring distance	<0.5m
	Measuring speed	100ms~500ms
	Over temperature alarm	37.3°C

