EPIDEMIC
PREVENTION & CONTROL

Unattended temperature measuring and screening system with **facial recognition** and **real-time body temperature detection**.

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BTM-T5

BODY TEMPERATURE DETECTION
NETWORK + FACE RECOGNITION SYSTEM

ONLINE MONITORING FOR RAPID TEMPERATURE MEASUREMENT

The Black Body is responsible to ensure that the readings are accurate. Specific conditions are needed to set up this devicein order to avoid any influence from the Sun, Wind and Glare. The Black Body is calibrated to measure human forehead temperature then convert it to body temperature by the use of algorithms.

◀ BLACK BODY

THERMAL CAMERA ▼

36.3°C 36.8°C
37.2°C
36.5°C
37.5°C
36.5°C
36.1°C

FACE Intelligent Recognition

BIG DATA Analysis

THERMAL Temperature Measure

BTM

MODEL	**BTM-T5**
THERMAL SENSOR	Uncooled IRFPA Microbolometer
KEY FEATURES	Automatic face detection and real-time body temperature measurement of multiple dynamic and static objects. Onboard temp-detection algorithm, One IP address for 2 channels, DC12V/POE
CAMERA	**THERMAL** : 17µm 400x300 pixels, 8mm Lens **VISUAL** : 2M pixels, 2.7mm-12mm motorised Lens
DETECTION	1-5M (Best at 3.0M-4.5M)
MEASUREMENT	±0.3 °C Accuracy, Thermal Sensitivity 40mF@F1.0, upto 16 Targets, 30ms Response
APPLICATION	GOVERNMENT SCHOOLS AIRPORTS STATIONS SHOPPING CENTRES

BTM-TIC500

AUTOMATIC BODY TEMPERATURE
MEASUREMENT & SCREENING SYSTEM

In order to respond to the epidemic situation we should implement Body Temperature Measurement (BTM) cameras that can detect abnormal body temperatures which is one of the symptoms of pneumonia and other viral diseases. Thermal measurement is a fast and efficient way of detecting those who show no obvious symptoms but have been infected by the epidemic. Unattended terminals can be installed with BTM cameras to facilitate the temperature detection of passing personnel with the use of facial recognition access control in each entrance and exit terminals. This is an ideal application for Airports, Train Stations or Subways, Schools, Shopping Centres and Government buildings.

▲
BLACK BODY

▲
THERMAL CAMERA

MODEL	**BTM-TIC500**
THERMAL SENSOR	Uncooled IRFPA Microbolometer
KEY FEATURES	Automatic face detection and real-time body temperature measurement of multiple dynamic and static objects. Onboard temp-detection algorithm, One IP address for 2 channels, DC12V/POE
CAMERA	**THERMAL :** 17µm 384x288 pixels, 6.5mm Lens **VISUAL :** 5M pixels 2.7mm fixed lens
DETECTION	0.5-10M (Best at 2.5M-3.5M)
MEASUREMENT	±0.3 °C Accuracy, Thermal Sensitivity 40mF@F1.0, upto 16 Targets, 30ms Response
APPLICATION	GOVERNMENT AIRPORTS STATIONS SHOPPING CENTRES GALLERY/MUSEUMS

HEAT-TRACKER SOLUTION
FACE RECOGNITION ACCESS CONTROL TERMINAL
WITH DIGITAL TEMPERATURE MEASUREMENT MODULE

Horizontal and vertical detection angles are 33 degrees

Intelligent temperature measuring module

Built-in array infrared thermoelectric sensor

33°

120°

Max. Temperature measurement distance is 1 meter

Optimal measuring distance is 0.3m - 0.9m

BTM-EP-S31
Optional floor-stand 1158mm high.

MODEL	# BTM-213H
THERMAL SENSOR	Array Infrared thermoelectric sensor
KEY FEATURES	A temperature measurement face RECOGNITION access control terminal. Real-time face temperature measurement of ONE object. Deep learning algorithm supports local offline recognition, 10,000 face capacity, face whitelist (1: N)
CAMERA	**VISUAL :** 2M Pixel 4mm fixed lens, F1.6
DETECTION	1M
MEASUREMENT	±0.3 °C Accuracy, 200ms face detection
APPLICATION	GOVERNMENT SCHOOLS FACILITIES MULTI-RESIDENTIAL APARTMENTS