

BTM-T5

## BODY TEMPERATURE MEASUREMENT & DETECTION CAMERA WITH BLACK BODY

Body Temperature Measurement (BTM) Camera, **BTM-T5** is a human body temperature measuring and screening system suitable to be used in areas where there are large groups of people such as airports, seaports and public places such as clubs, schools, large workplaces and shopping centres. Its' thermal camera has a powerful 384x288 IR detector. The thermal video/images have a temperature measurement range of 0°C ~ +60°C and measurement accuracy of ≤ 0.3°C which makes this ideal for fever screening programmes. It also comes with a range of temperature measurement tools which includes Motion detection and alarm I/O, Temperature alarm and many more. The **BTM-T5** allows non-invasive fever screening to take place meaning there is no major disruptions to the flow of people in an area.



▲ BLACK BODY



▲ THERMAL CAMERA

MODEL	<b>BTM-T5</b>
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	<b>THERMAL</b> : 17µm 400x300 pixels, 8mm Lens <b>VISUAL</b> : 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



DISCLAIMER: EOS BTM products are not medical devices and cannot diagnose coronavirus infection. When installed and calibrated correctly, the BTM products can help identify individuals showing higher than average body temperature. Only a licensed medical professional can determine if an "elevated body temperature" individual is experiencing an abnormal medical condition. Recommendation to use BTM products in conjunction with a clinically tested digital thermometer.

BTM-TIC500

## BODY TEMPERATURE MEASUREMENT & DETECTION CAMERA WITH BLACK BODY

Body Temperature Measurement (BTM) Camera - Automatic face detection and real-time body temperature measurement of multiple dynamic and static objects. The dual-view infrared **BTM-TIC500** series dual-spectrum infrared body temperature rapid screening instrument is mainly developed based on the principle of infrared thermal radiation. It uses a non-refrigerated core and low signal-noise image processing technology. It is a non-contact, real-time, continuous and accurate Temperature measuring equipment.



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

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## FACE RECOGNITION ACCESS CONTROL TERMINAL

WITH WRIST TEMPERATURE MEASUREMENT MODULE



<b>MODEL</b>	<b>BTM-213W</b>
<b>THERMAL SENSOR</b>	Array Infrared thermoelectric sensor
<b>KEY FEATURES</b>	<ul style="list-style-type: none"> <li>• A temperature measurement face RECOGNITION access control terminal. Real-time face temperature measurement of ONE object.</li> <li>• Deep learning algorithm supports local offline recognition, 10,000 face capacity, face whitelist (1: N)</li> </ul>
<b>CAMERA</b>	VISUAL : 2M Pixel 4mm fixed lens, F1.6
<b>DETECTION</b>	1M
<b>MEASUREMENT</b>	±0.3 °C Accuracy, 200ms face detection
<b>APPLICATION</b>	 GOVERNMENT  SCHOOLS  FACILITIES  MULTI-RESIDENTIAL APARTMENTS
<p><b>EOS</b></p> <p><small>DISCLAIMER: EOS BTM products are not medical devices and cannot diagnose coronavirus infection. When installed and calibrated correctly, the BTM products can help identify individuals showing higher than average body temperature. Only a licensed medical professional can determine if an "elevated body temperature" individual is experiencing an abnormal medical condition. Recommendation to use BTM products in conjunction with a clinically tested digital thermometer.</small></p>	

## FACE RECOGNITION ACCESS CONTROL TERMINAL MODULE WITH DIGITAL TEMPERATURE MEASUREMENT

# BTM-213H



MODEL	<b>BTM-213H</b>
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
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## INFRARED THERMAL IMAGING ACCESS CONTROL MODULE A.I. DEEP LEARNING ALGORITHMS & DATA ANALYTICS

BTM-FK02

High-performance Infrared thermal imaging camera with A.I. technology, adopting deep learning algorithms and data analytics to provide accurate body temperature measurements and face recognition. Detecting every passing individual accurately at a rapid rate.



MODEL	<b>BTM-FK02</b>		
THERMAL SENSOR	Uncooled focal plane array		
KEY FEATURES	Central point temperature measurement, 2MP camera, Identification accuracy: 99.5% @ 200ms, Automatic recording of human face and temperature measurement		
MEASUREMENT	Accuracy $\pm 0.3$ °C (Best measurement distance 0.75m), Optimal measuring distance 0.75m, Temperature measurement response $\leq 2$ sec in library (up to 30k faces), $\leq 3$ sec not in library		
GENERAL	Display resolution 7" LCD 736x1280, IPv4, TCP/IP, HTTP, RS232/485 1ch Alarm Output, DC12V, Linux		
APPLICATION	GOVERNMENT	SCHOOLS	FACILITIES
			MULTI-RESIDENTIAL APARTMENTS

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## INFRARED BODY THERMAL IMAGING CAMERA REAL-TIME LIVE DISPLAY WITH HIGH TEMPERATURE ALARM & TRACKING

Human Body Infrared Thermal Imager with LIVE Digital LED Display and Quick Temperature Screening Thermal Camera. This is a handheld and multifunctional body thermal imager, compact and lightweight, easy to carry. Real-time image transmission that can be viewed in five different palette choices.



BTM-16H



CAN ALSO BE MOUNTED ON A TRIPOD.

MODEL	<b>BTM-16H</b>
THERMAL SENSOR	Uncooled focal plane array, Pixel dimensions 12µm
KEY FEATURES	Central point temperature measurement, High/Low temperature auto tracking, real-time temperature display. Supports SD card and USB import; with powerful image processing capability.
MEASUREMENT	Accuracy ±0.5 °C (Best measurement distance 1m), Resolution 0.1 °C, Optimal measuring distance 1m, Response time ≤500ms
GENERAL	Display resolution 320×240, communication Type-C USB, Battery life ≥6 hours, Charging time 4 hours
APPLICATION	GOVERNMENT             SCHOOLS             FACILITIES             MULTI-RESIDENTIAL APARTMENTS



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## NON-CONTACT HANDHELD INFRARED THERMOMETER

### HIGH TEMPERATURE SCREEN FLASHING ALARM

# BTM-30R

BTM-30R is a quick accurate measurement that is simple and sanitary to operate. It can measure temperature accurately within 1 sec by aiming the detector at a targetted object.



- Temperature range:** 32°C - 45°C
- Accuracy:** ±0.3°C
- Response time:** 500ms
- High temperature screen flashing alarm**
- Test distance:** 5cm - 10cm
- Data hold:** HOLD
- LCD backlight**
- Non-contact**

\* °C/°F option:  
open the battery compartment, short press °C/°F button to switch.



<b>MODEL</b>	<b>BTM-30R</b>
<b>THERMAL SENSOR</b>	Temperature Range: 32°C~45°C (89.6°F~113°F)
<b>KEY FEATURES</b>	Central point temperature measurement with real-time temperature display. 
<b>MEASUREMENT</b>	Accuracy ±0.3 °C (±0.6 °F) Optimal measuring distance 5-10cm, Response time ≤500ms
<b>GENERAL</b>	Product size: 135mm×94mm×36mm Weight: 148g Power: 1.5V battery (LR03) ×2
<b>APPLICATION</b>	 GOVERNMENT  SCHOOLS  FACILITIES  MULTI-RESIDENTIAL APARTMENTS

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