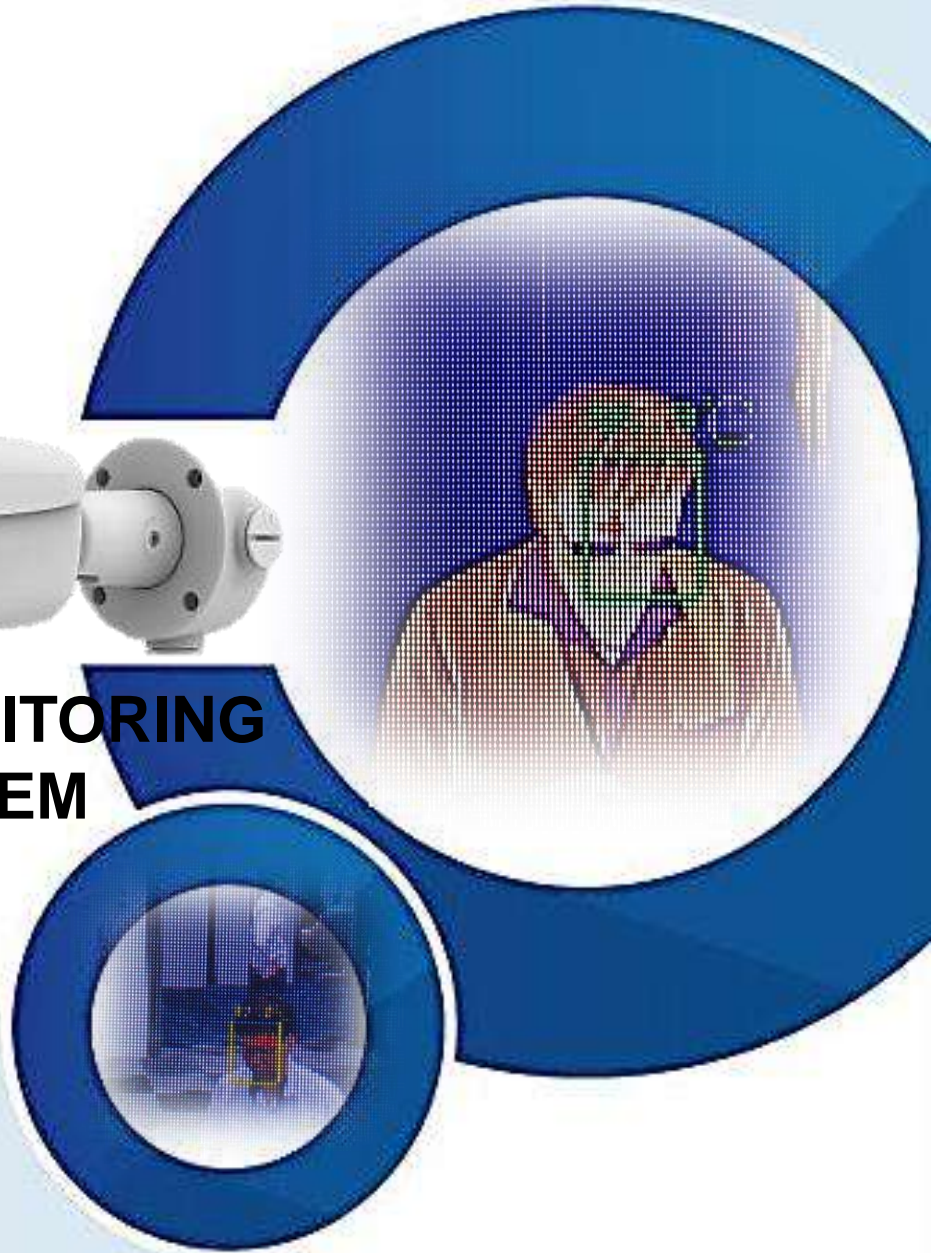




# **BODY MONITORING SYSTEM**



The Body Monitoring System (BMS) identify persons' temperatures which may indicate the presence of a fever.

Fever, coughing, sore throat, body aches resulted an increased in the body temperature. This system identifies when a person's body temperature exceeds a pre-determined threshold.

This system includes the Bullet Thermographic Camera connected to a computer supports temperature-exception alarm to notify the operator in time. It also supports human face detection, screening multiple targets at the same time, with reduced of false alarm.

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# Applications

## BODY MONITORING SYSTEM



Airport



Hospital



Office



Factory



School



# Specification

## BODY MONITORING SYSTEM

### Basic Configuration



BMS-100T Series



BMS-100B Series



### BMS-100 Series

#### Configuration:

Thermographic Camera + BMS Software + Computer + Keyboard/mouse

Description	BMS-100-3B	BMS-100-6B	BMS-100-3T	BMS-100-6T
<b>Thermographic Camera</b>				
Resolution	160 x 120			
Lens Type Screening Range	3mm: 0.8 – 1.5m	6mm: 1.5 – 3m	3mm: 0.8 – 1.5m	6mm: 1.5 – 3m
<b>Optical Camera</b>				
Resolution	2688 x 1520			
Lens Type	4mm / 8mm			
<b>Details</b>				
Accuracy	+/-0.5 °C +/-0.3 °C (with Blackbody)			
Range	30 – 45°C			
Video-mode	Bi-spectrum image fusion			

#### Advantages:

- ❖ It supports temperature-exception alarms to notify user in time & picture saving
- ❖ Support human face detection, screening multiple human at the same time, with reduced false alarm for hot objects, eg hot beverage
- ❖ Accuracy of +/-0.5°C, satisfying preliminary fever screening requirement
- ❖ Quick & easy installation with simple configuration.

**Installation Environment:** The camera is recommended to install at a height of 1.5m, in a stable indoor environment without wind.



# Specification

## BODY MONITORING SYSTEM

### Enhanced Configuration



BMS-300B Series



### BMS-300 Series

#### Configuration:

Thermographic Camera + BMS Software + Computer + Keyboard/mouse

Description	BMS-300-10B	BMS-300-13B	BMS-300-15B
<b>Thermographic Camera</b>			
Resolution	384 x 288		
Lens Type Screening Range	10mm: 2 - 7m	13mm: 2.5 - 7m	15mm: 2.5 - 9m
<b>Optical Camera</b>			
Resolution	2688 x 1520		
Lens Type	4mm / 8mm		
<b>Details</b>			
Accuracy	+/-0.5 °C +/-0.3 °C (with Blackbody)		
Range	30 - 45°C		
Video-mode	Bi-spectrum image fusion		

#### Advantages:




- ❖ It supports temperature-exception alarms to notify user in time & picture saving
- ❖ Support human face detection, screening multiple human at the same time, with reduced of false alarm for hot objects, eg hot beverage
- ❖ Accuracy of +/-0.5°C, satisfying preliminary fever screening requirement
- ❖ Quick & easy installation with simple configuration.

**Installation Environment:** The camera is recommended to install at a height of 1.5m, in a stable indoor environment without wind.



# Accessories

## BODY MONITORING SYSTEM

Model	Description
Blackbody Calibrator	
 A black, rectangular box with a circular opening on the front side, used for thermal calibration.	A Blackbody is used for the calibration of thermographic device. It helps to measure the temperature in high accuracy and good stability. With the Blackbody calibrator used, it improves the accuracy to $\pm 0.3^{\circ}\text{C}$
Tripod	
 A black, three-legged tripod with a central column and a mounting bracket at the top.	Tripod connection to mount the Thermographic camera
Display	
 A black, flat-panel LCD monitor on a stand, displaying a colorful landscape image.	21 inch LCD Monitor





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