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Security Since 2000

Advanced Temperature Detection using Bi-Spectrum Radiometric Detection Technology

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What is bi-spectrum radiometric technology?

Using HD video camera and thermal camera side by side looking at same field of view.

This will create an output that includes video and metadata together.

When combined with advanced artificial intelligence it gives sensible information on multiple objects at the same time.

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Advantages of temperature detection

Early discovery

Early Reporting

Early Isolation

Early Treatment

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Facial Detection with temperature alarm for heavy traffic areas

- Schools
- Hospitals
- Offices
- Nursing homes

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Features:

- On-board temp-detection algorithm
- One IP address two channels
- Effective pixels 400×300
- Sensitivity: 40mK
- Thermal: 8mm Fixed lens,
  Visible: 2.7-12mm motorized lens
- Accuracy 0.3°C
- Body detection, up to 16 Targets
  Response Time 30ms
- 7 color control

TNC-20-BDC

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Black Body Calibrator

Black body is a standard temperature source used for temperature calibration.

When taking temperature measurement, it is greatly affected by environmental factors by having a fixed temperature blackbody in the field of view gives the camera calibrated accuracy in real time.

TNB-BBC

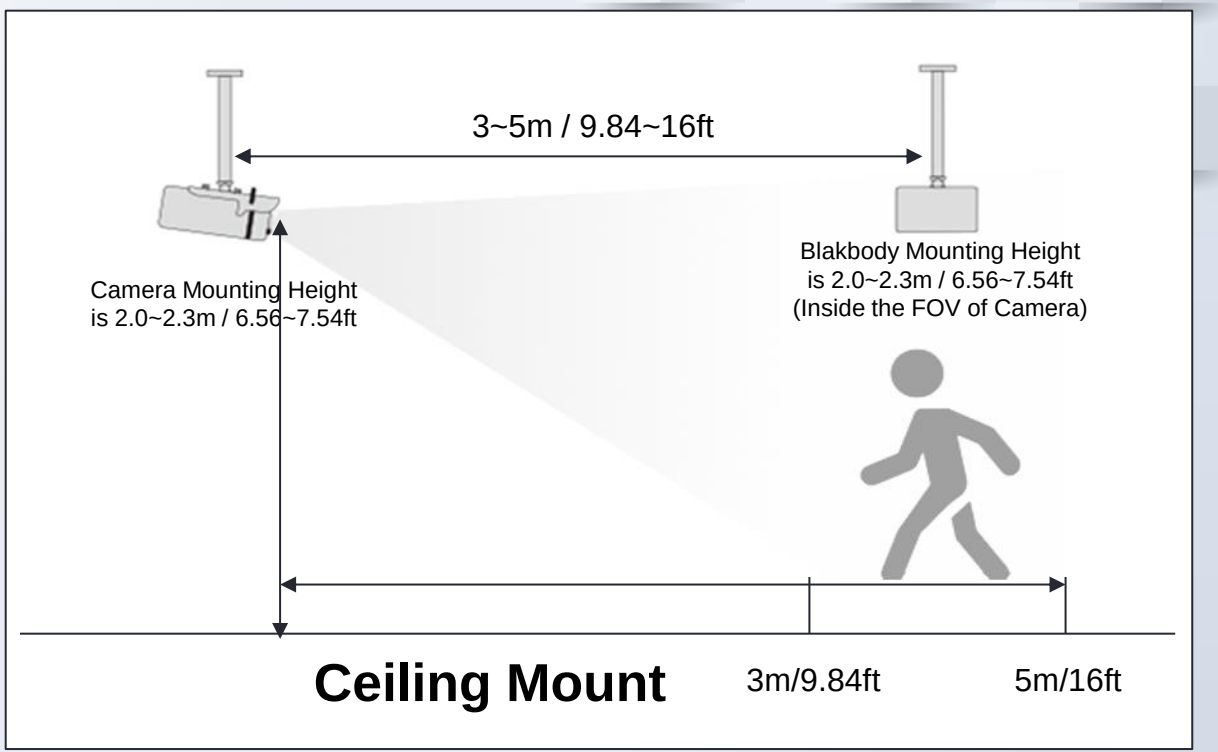
Mounting Brackets

The Camera and Blackbody can be ceiling mount, Wall mount or can be mounted on a portable standard Camera Tripod.

Ceiling Mount

Standard Tripod

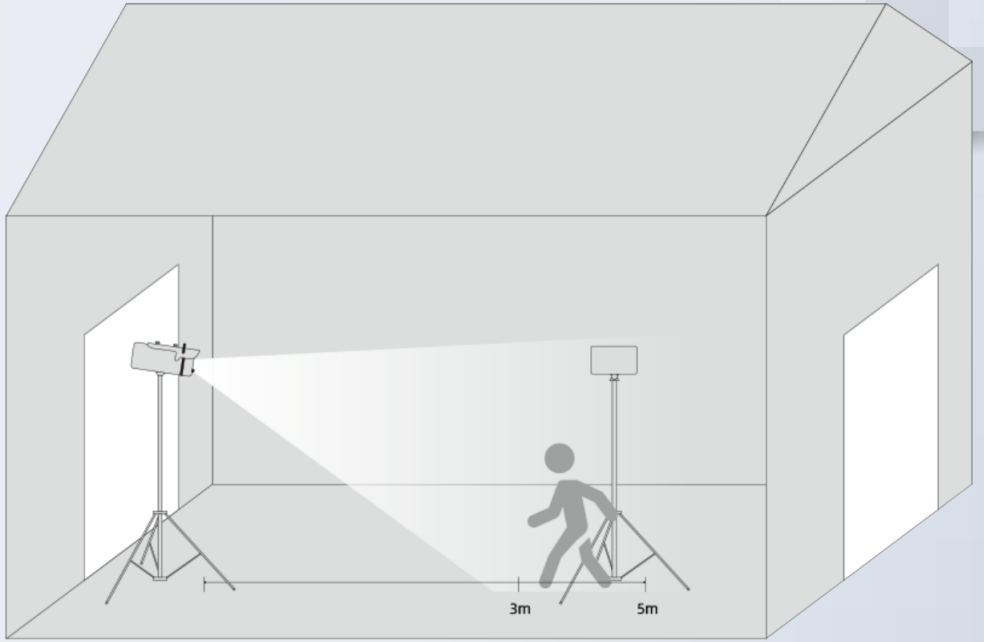
Typical ceiling mount installation



Outdoor installation

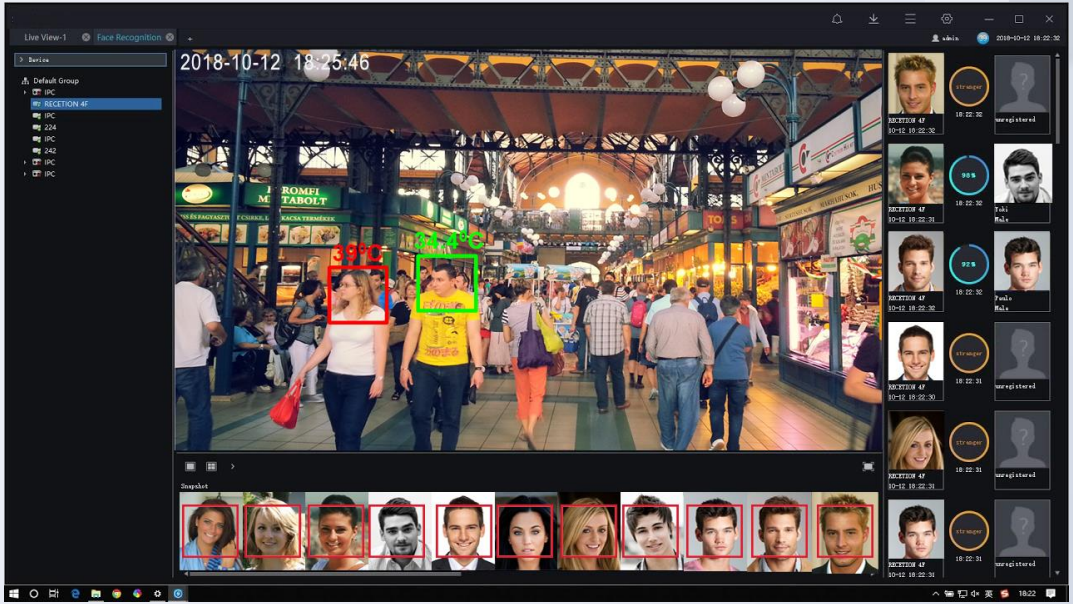
Direct sun light, Wind, Rain all can play a major role in accuracy off the temperature detected.

It is important that the camera and the blackbody should be sheltered from the elements when using outdoors.



VMS with Face detection and identification.

- Manage Cameras and NVRs
- Face database with accuracy monitor
- High temperature detection alarm
- Thermal image history
- Data analytics report
- Easy to use interface



This temperature monitoring system is not a substitute for medical grade FDA approved thermometers.

This camera can be used to filter personnel with abnormal body temperature in heavy traffic areas, to be assessed later by a professional with medically approved temperature meters.

TNC-20-BDCKIT
Easy installation KIT includes:

Bi-Spectrum thermal camera

TNC-20-BDC

Black body Calibrator

TNB-BDC

2 X Pendant mount brackets

BRACK-TN-PM

VMS Pro 64 Ch Software

VMS-PRO S

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Video Recording Options

EN-16POEAI-S

OPTION 1

TNC-20-BDC Camera is ONVIF ready and can record on any recorder that support ONVIF Cameras. Temperature data is super imposed over Face and displayed on recordings.

OPTION 2

EN-16POEAI-S is a special AI recorder with 16 POE input and 16 network camera input for a 32 Ch recording capacity. Fully integrated with Thermal camera and VMS Pro-S.

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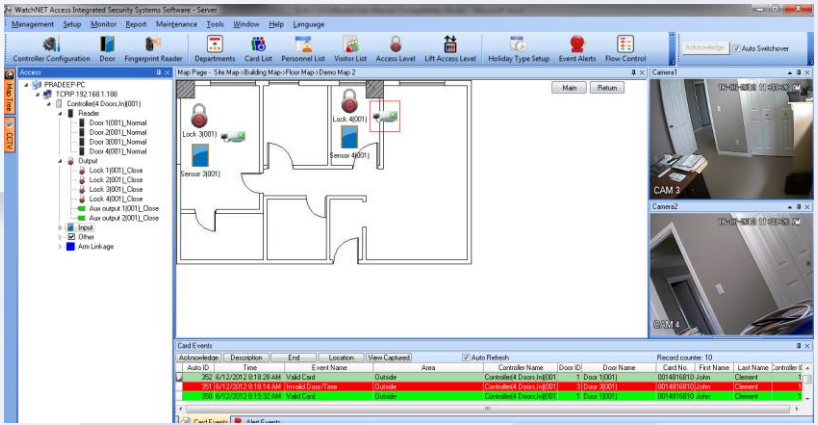
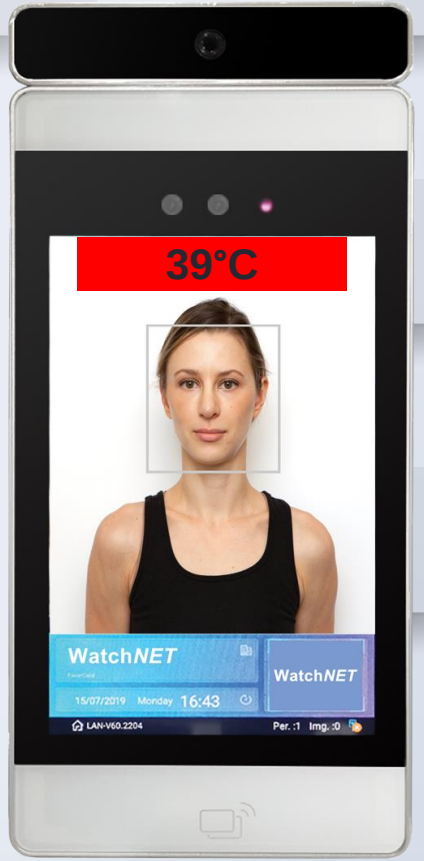
NOW AVAILABLE!

Facial recognition access control with temperature detection.

Fully integrated with Watch*NET* Access Control software





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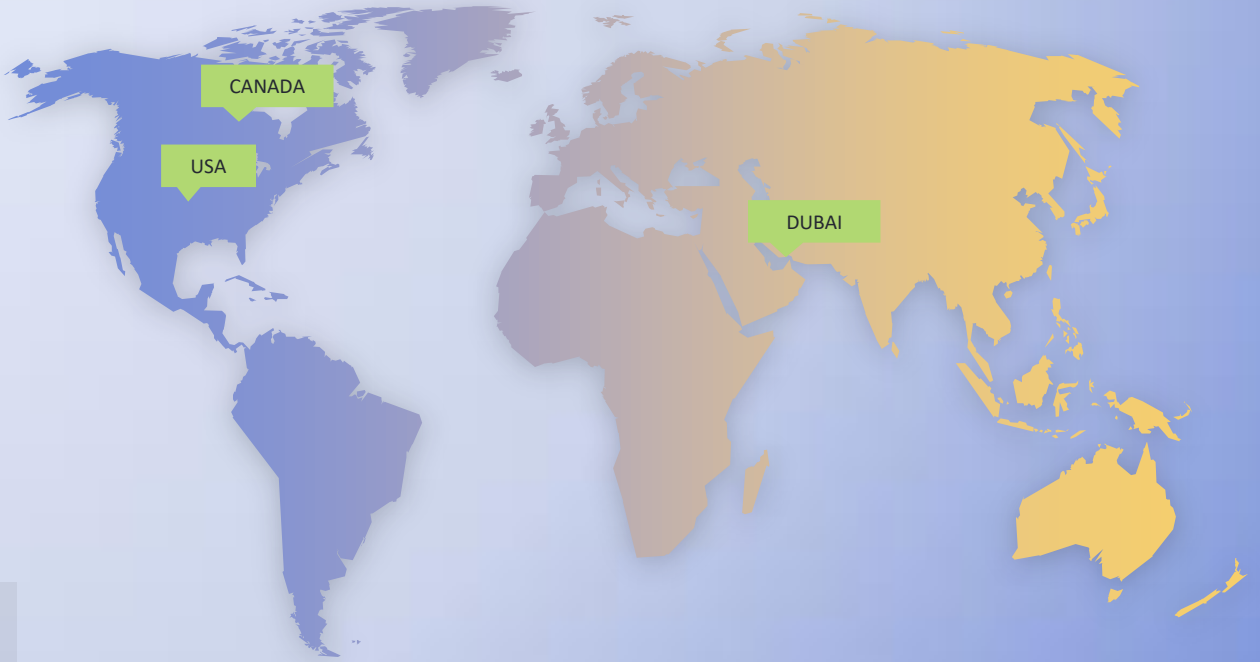
Supported from our offices around the world



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Thank You!