High Accuracy Thermal Body Temperature Monitoring Solutions

Wiz Sense

Accurate, Efficient & Safe

High Accuracy:
Temperature measurement accuracy **±0.3°C**

High Efficiency:
Efficiency improved by **800%**

Safe & Contactless Measurement:
Max. measurement distance **3m**

Multi-target Measurement:
Up to **30 targets** detected at the same time

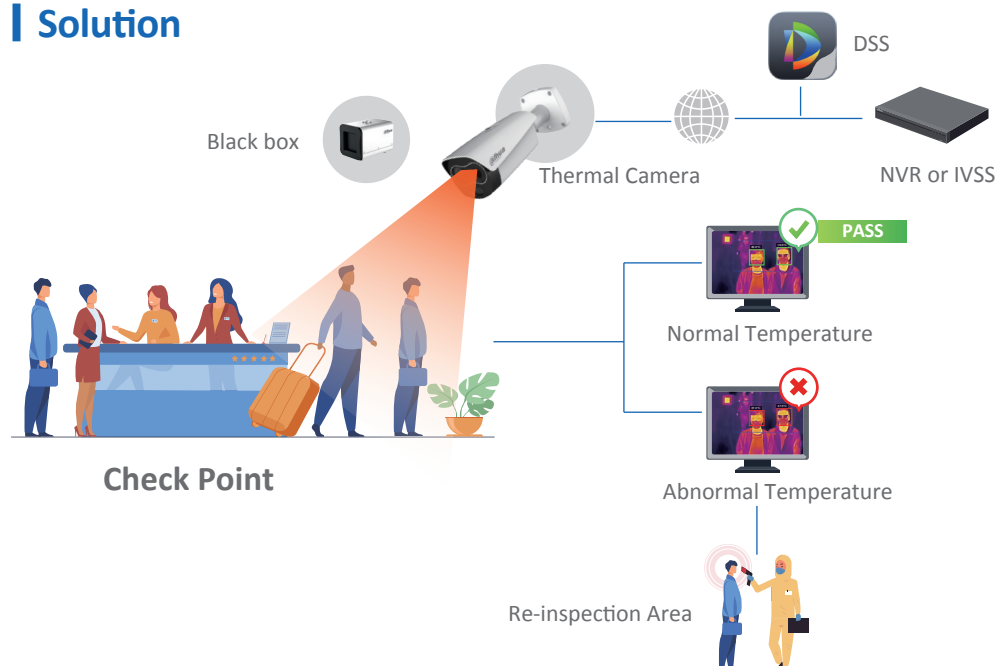**Intelligent Analysis:**
Face mask detection accuracy **>95%**

Flexible to Deploy:
Easy installation and **flexible** deployment

Overview

Dahua launches the latest thermal camera, which is capable of highly accurate body temperature measurement, to within ±0.3℃ (with black box). The camera features a built-in AI algorithm for multi-person measurements up to 3m distances, enabling fast and non-contact access.

Solution

DSS

Black box

Thermal Camera

NVR or IVSS

PASS

Normal Temperature

Abnormal Temperature

Re-inspection Area

Check Point

- **High Accuracy:**
  Temperature measurement accuracy **±0.3°C**

- **High Efficiency:**
  Efficiency improved by **800%**

- **Safe & Contactless Measurement:**
  Max. measurement distance **3m**

- **Multi-target Measurement:**
  Up to **30 targets** detected at the same time

- **Intelligent Analysis:**
  Face mask detection accuracy **>95%**

- **Flexible to Deploy:**
  Easy installation and **flexible** deployment

Application Scenario

Airport

Metro

Commercial Building
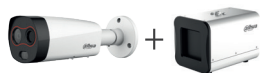

Campus

Product Recommendation

High End Solution

TPC-BF5421-T + TPC-HBB
Thermal: 400*300, 13mm
Visible: 2MP, 8mm
Smart linkage with strobe light & audio
Temperature Accuracy ±0.3°C with blackbody
Temperature Measurement Range: 30°C to 45°C

Entry Level Solution

TPC-BF2221-HTM + TPC-HBB-CHW
Thermal: 256 × 192, 7.5mm
Visible: 2MP, 6mm
Smart linkage with strobe light & audio
Temperature Accuracy ±0.3°C with blackbody
Temperature Measurement Range: 30°C to 45°C

DHI-IVSS7008-1I
TPC alarm event integration
Statistical report and export
8 channels mask detection
8 channels face recognition

DHI-NVR5216-16P-I
TPC alarm event integration
Statistical report and export
4 channels mask detection
4 channels face recognition

DSS Express/Pro
Unified TPC device management
Real-time temperature display
Rich alarm integration for TPC events
Multiple clients login

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* Design and specifications are subject to change without notice.

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