

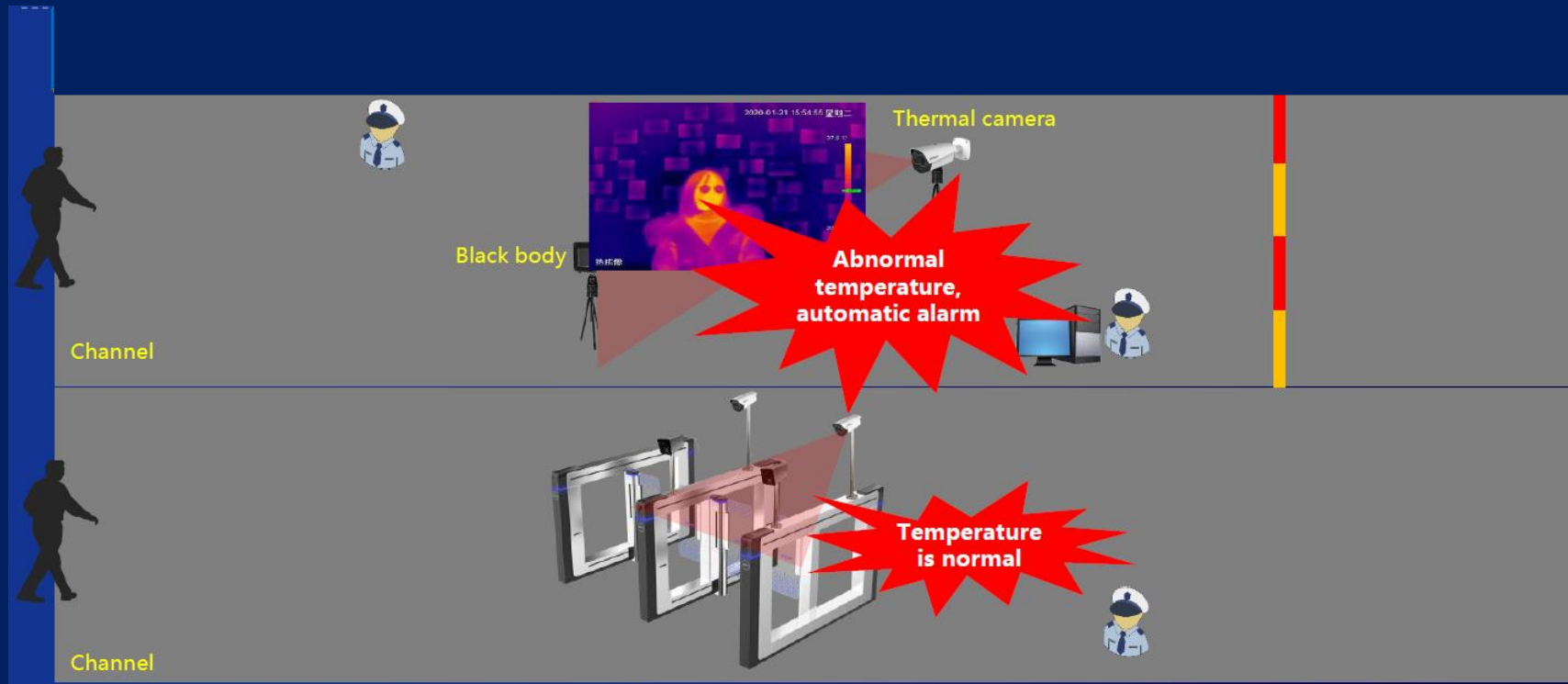
SHARPGROUP 

01 4586605

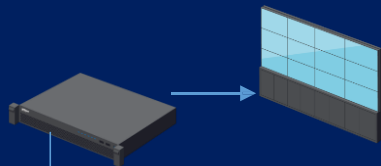
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HIGH ACCURACY THERMAL BODY TEMPERATURE MEASUREMENT SOLUTION

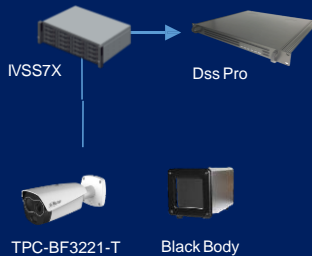
SOLUTION | PROCESS



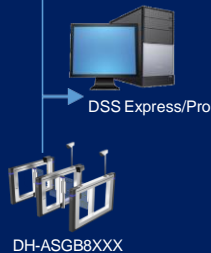
Monitoring Center



Economical Solution



Standard Solution



Turnstile Solution

Application Scenarios



Airport



Railway Station



Hospital



School



High Accuracy

Temperature measurement accuracy: **$\pm 0.3^{\circ}\text{C}$**



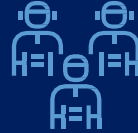
High Efficiency

Efficiency improved by **800%**



Safe & Contactless Measurement

Max. measurement distance: **3m**



Multi-target Measurement

Up to **30 targets** detection at the same time



Intelligent Analysis

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



Flexible to Deploy

Easy installation and **flexible** deployment

SOLUTION VALUES | HIGH ACCURACY

High Accuracy



1. $\pm 0.3^{\circ}\text{C}$ (with blackbody) :
2. The accuracy is 0.3 degrees and can reach 0.1 degrees in specific indoor environments
3. Real-time warning for people with abnormal temperature.

Comparison between Thermometer and TPC Measurement

When the body temperature is higher than 37.3°C , it is considered abnormal body temperature, and there is a risk of coronavirus infection, which requires isolation for further treatment

EFFICIENCY IMPROVED BY 800%



Temperature Measurement Speed Comparison

5000 People

Traditional Forehead Thermometer

3 seconds per person = 4.2 hours

Thermal

3 persons per second = 30 minutes

SOLUTION VALUES | SAFE & CONTACTLESS MEASUREMENT

SHARPGROUP 

Max. Measurement Distance : 3M

Avoid Cross Infections, Protect the Health of Workers

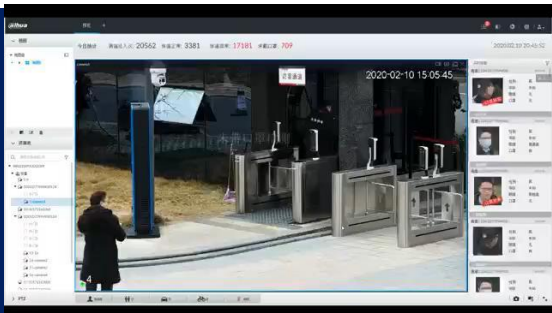


SOLUTION VALUES | MULTI-TARGET MEASUREMENT

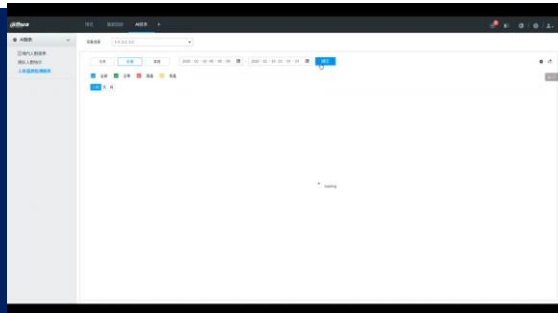
Up to **30** Targets Detection at the Same Time



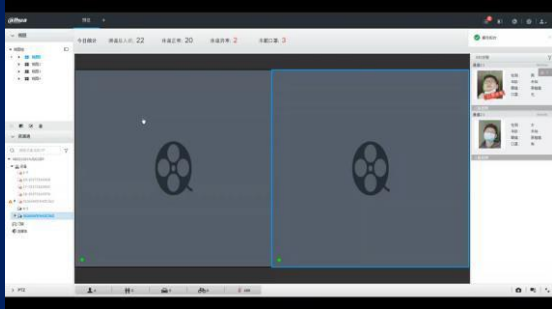
Mask Detection



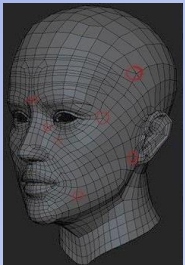
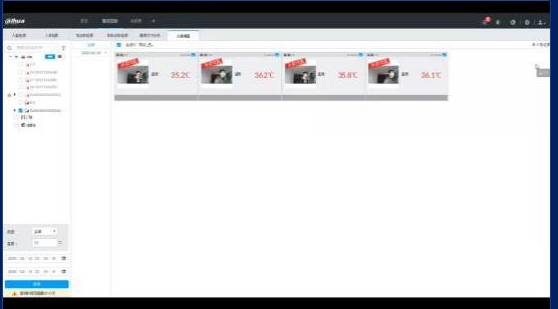
Data Statistics



Face Recognition

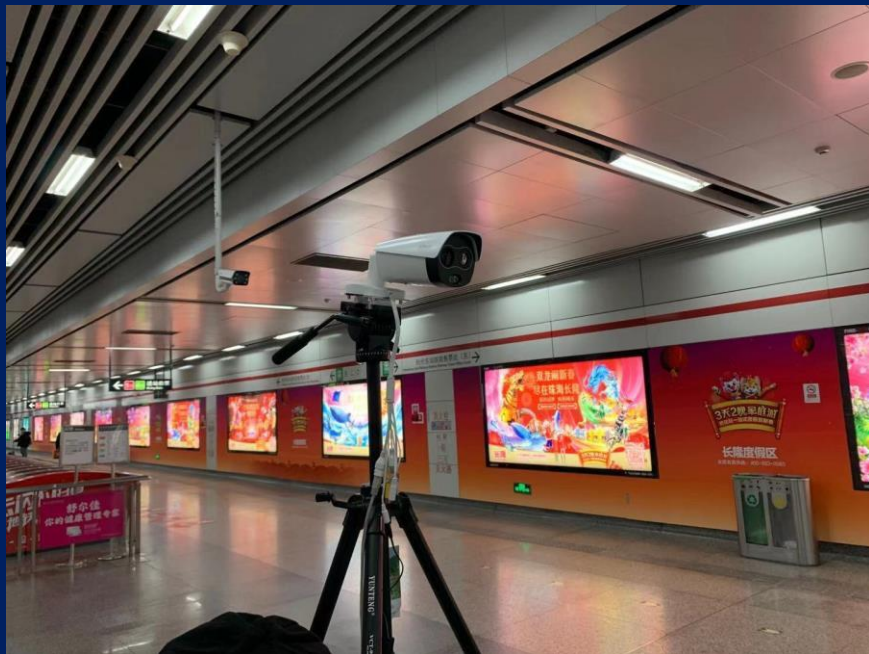


Report Export



IVSS

Supports Mask Detection, Face Temperature Measurement, Data Statistics / Report Export and other Functions



Installation

The thermal camera and the black body are mounted on the tripod, which means they don't need to be mounted on the wall or on the ceiling.

Flexible deployment

The system is mobilizable, it can be moved to anywhere according to the requirements. In this way, it can make maximum use of the products.

Temp Measurement Part



Blackbody



TPC-BF3221-T

Accessories Part



Camera power



Tripod



Connector

Storage & Analysis



DHI-NVR5X-I



DHI-IVSS7X

Optional

Display Part



22-inch 1080P Plastic
DHL22-F600-S



27/43/50/55-inch 4K Plastic
LM27/43/50/55-F410



49/55-inch 4K Metal
LM49/55-S400

Optional

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Sharp Group are accredited to the Highest Environmental, Quality, Health and Safety Standards. We are the first Irish-owned Fire and Security company to obtain ISO27001 certification.

Our Accreditations include:

- ISO 27001 Information Security Standard
- ISO 9001:2015 Quality Management System
- Licensed by the PSA (No. 01135)
- PSA 2006_12 Installation of CCTV Systems
- S.R. 25:2005 ARC Alarm Handling Procedures
- EN 50131-1:2006 Intruder Alarm Systems
- E.N. 291:2015 Install of Fire Extinguishers
- E.N. 3217:2013 Install of Emergency Lighting
- I.S. 228 Intruder Alarm Monitoring Centre
- ISO 45001 Occupational Health and Safety
- ISO 14001 Environmental and Management System
- PSA 22:2014 CCTV Monitoring and Alarm Monitoring Centres
- S.R. 40:2005 Electronic Security Services Operational Requirements
- S.R. 45:2013 + A1:2014 Remote Monitoring of CCTV Systems
- EN 50132-1:2010 CCTV Surveillance Systems
- PSA 28:2013 Guarding Security Services
- IS. 3218:2013 Fire Detection & Alarm Systems
- Management Systems Certification Fire Detection & Alarm Systems