

ICCTVZONE

Business Reopening Solution

AI builds safer work environment



Temperature Monitoring



Touchless Passage



Flow Control



Crowd Analysis



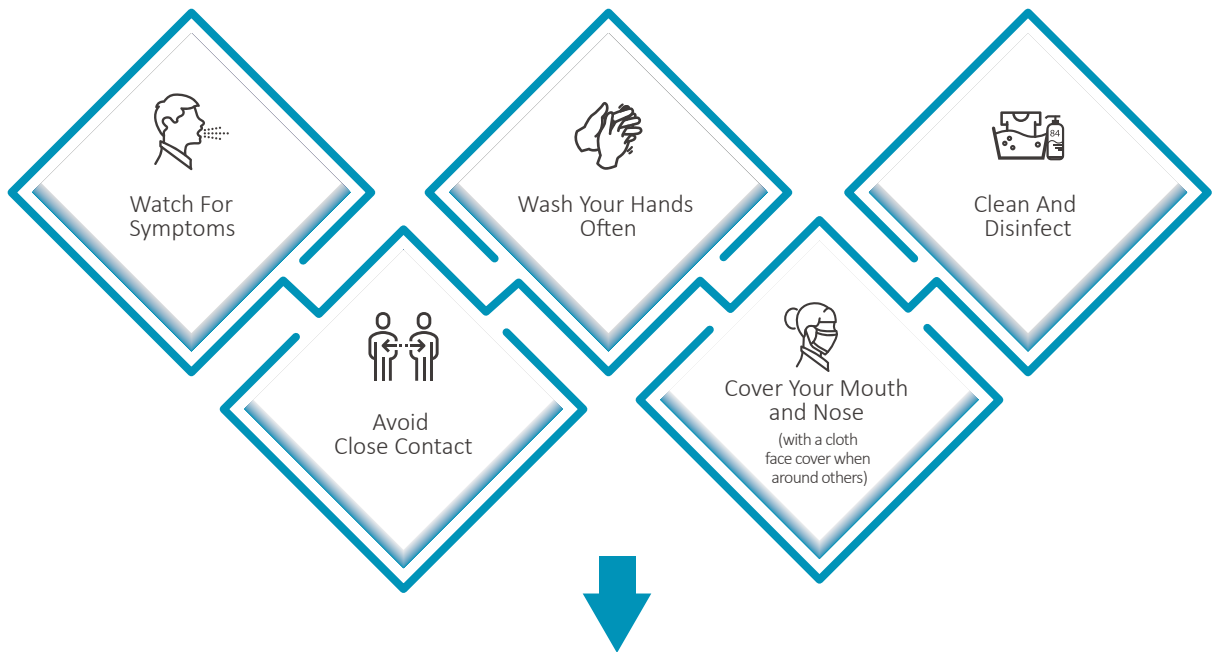
Mask Detection

Background

As various countries started to lift their lockdown policies, restoring the economy and returning back to normal life has become a major priority. Currently, the outbreak is not over yet, and might continue until next year.

How to protect employees and individuals during this “back to the new normal” period has indeed become a primary challenge.

Based on the policy requirements of WHO, European and American CDC and various countries, and outputs of corresponding solution measure, we have launched a comprehensive standard solution. It presents an integrated system and covers five major technologies.



Dahua Solution



Temperature Monitoring



Touchless Access Control



Flow Control
Crowd Analysis And
People Counting



Mask Detection

Solution Overview

This solution does not only cover multiple industry scenarios, but also includes every aspect of life, such as working in office buildings or industrial parks, studying in schools and libraries, praying in churches, living in an apartment, playing in an outdoor area, etc. It aims to provide a better protection and assist in the resumption of normal life during this challenging time.



Live



Work



Learn



Pray



Play

Building Entrance



Mask Detection

Main Entrance



License Plate Recognition



Temperature Monitoring

Square

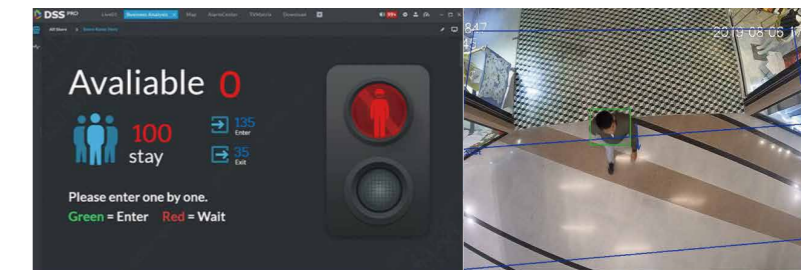


Crowd Analysis

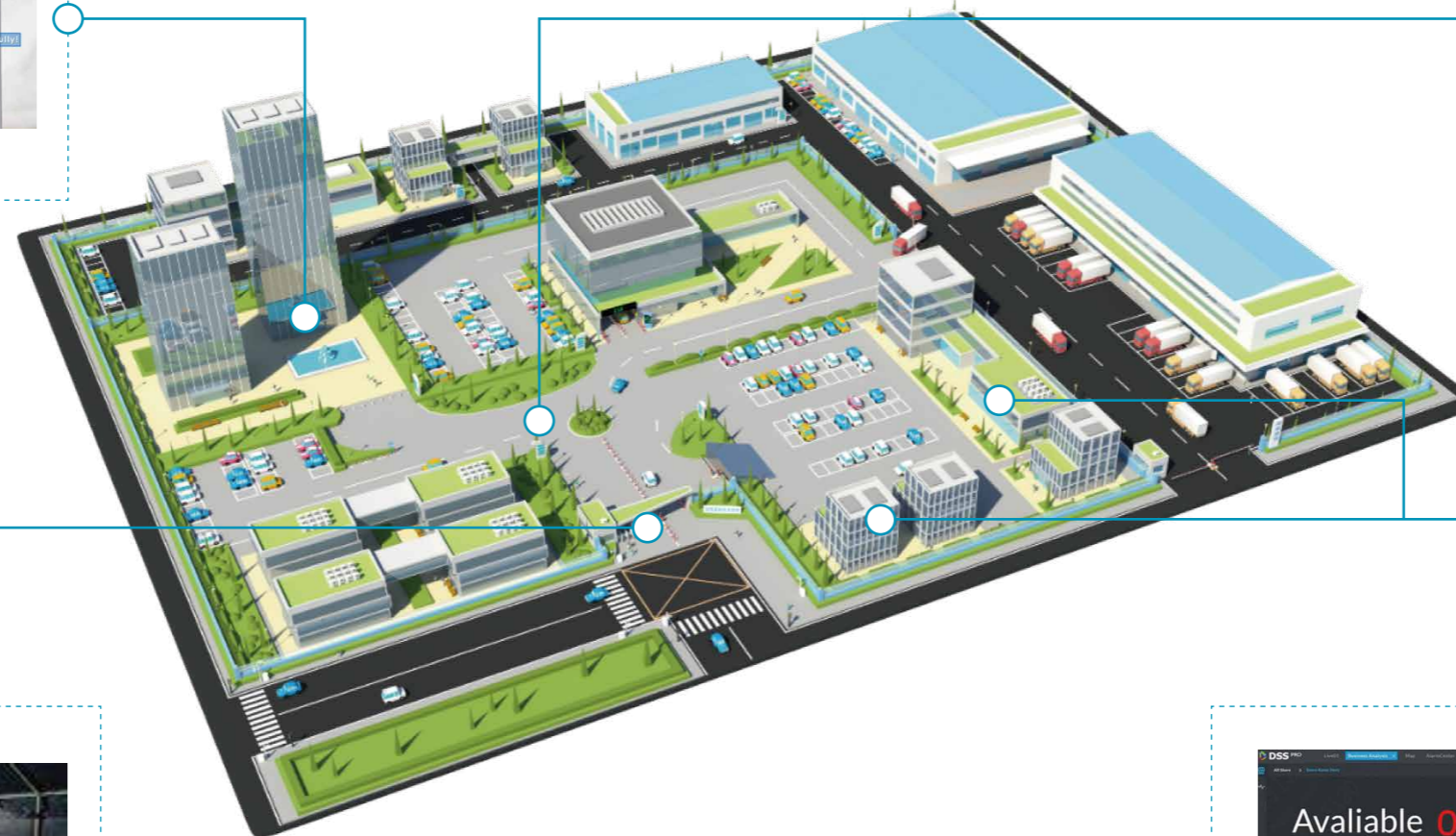
Canteen/Cafe



People Counting



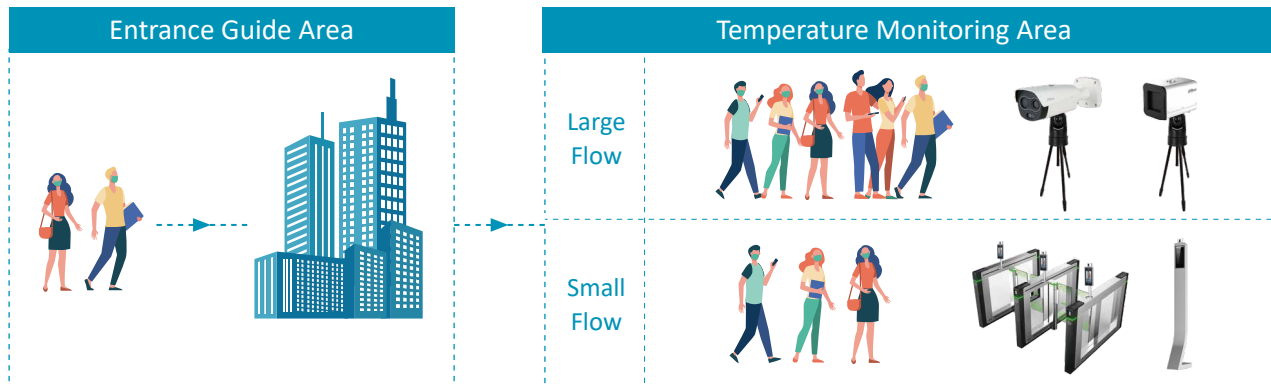
Flow Control



Solution Introduction

• Temperature Monitoring

In scenarios with both large and small flow of people, these devices powered by intelligent body temperature monitoring algorithm can quickly identify and discover people with elevated skin temperature, ensuring only those with normal temperature are allowed to enter. At the same time, the results of the face and temperature recognition can be uploaded to the platform and can also be displayed in the dashboard.



Large Flow Scenario--Main Entrance



Multi-targets (30 person at same time)



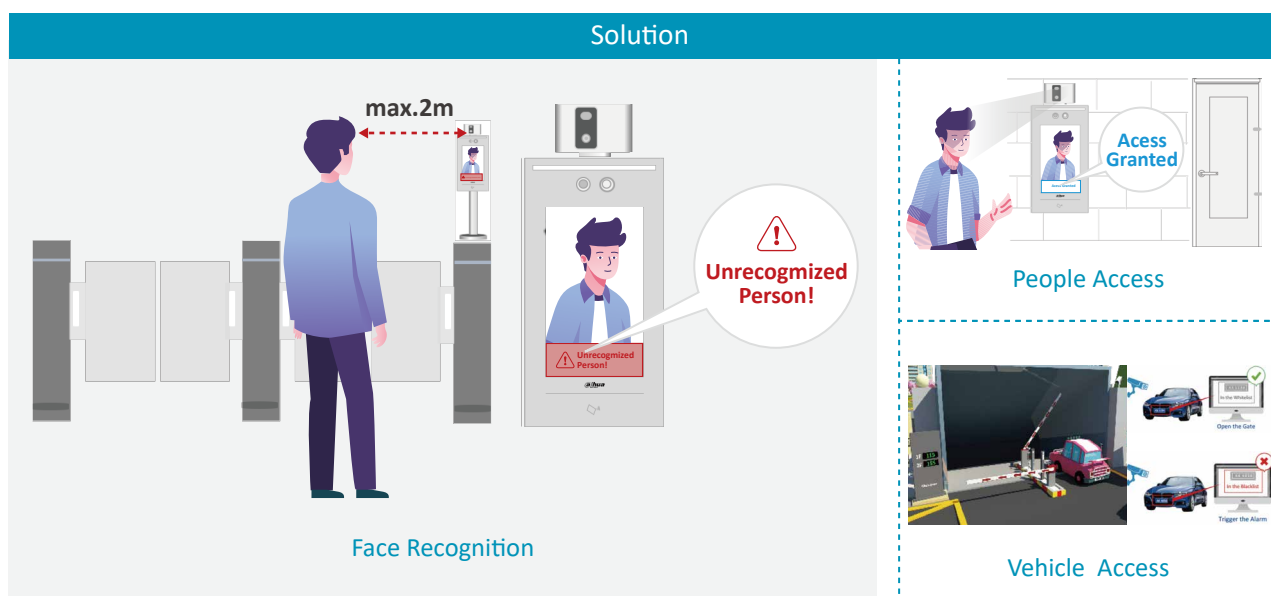
Small Flow Scenario--Building Lobby



High Passage Efficiency: 0.2s/Person

• Touchless Passage

This solution realizes touchless and intelligent passage through face recognition and license plate recognition.

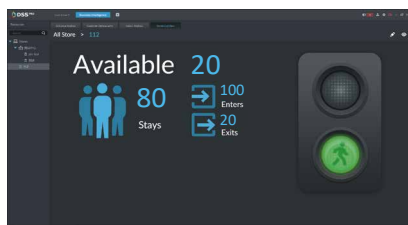


• Flow Control

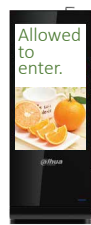
This solution supports multiple entrance and exit detection, and counts the number of customers inside in real time. When the number of people exceeds the threshold set by the user, it will remind people to wait outside.



When the number of people inside is less than the threshold set by the user.



Monitor For DSS Client

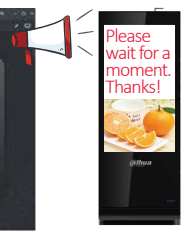


Digital Signage

When the number of people inside exceeds the threshold set by the user.



Monitor For DSS Client



Digital Signage

• Crowd Analysis And People Counting

This solution provides AI remote monitoring for indoor and outdoor scenarios, preventing excessive concentration of people in one area. The camera calculates crowd density and counts the number of people in different regions. If the number of people exceeds the threshold, the alarm will be triggered in time.



• Mask Detection

This solution can realize real-time mask and face recognition in public areas, indoor spaces, as well as entrances and exits. At the same time, it also offers real-time voice reminder for people who are not wearing masks, uploads alarms to the platform and shows the result on the dashboard.



• Integrated System And Visual Management

The platform's Monitoring Center dashboard allows customers to view the whole data graphics and event processing progress in real time.



Solution Value

01

Regulation Compliant, Comprehensive Prevention

Offers five major technologies powered by AI.

02

Integrated System, Visual Management

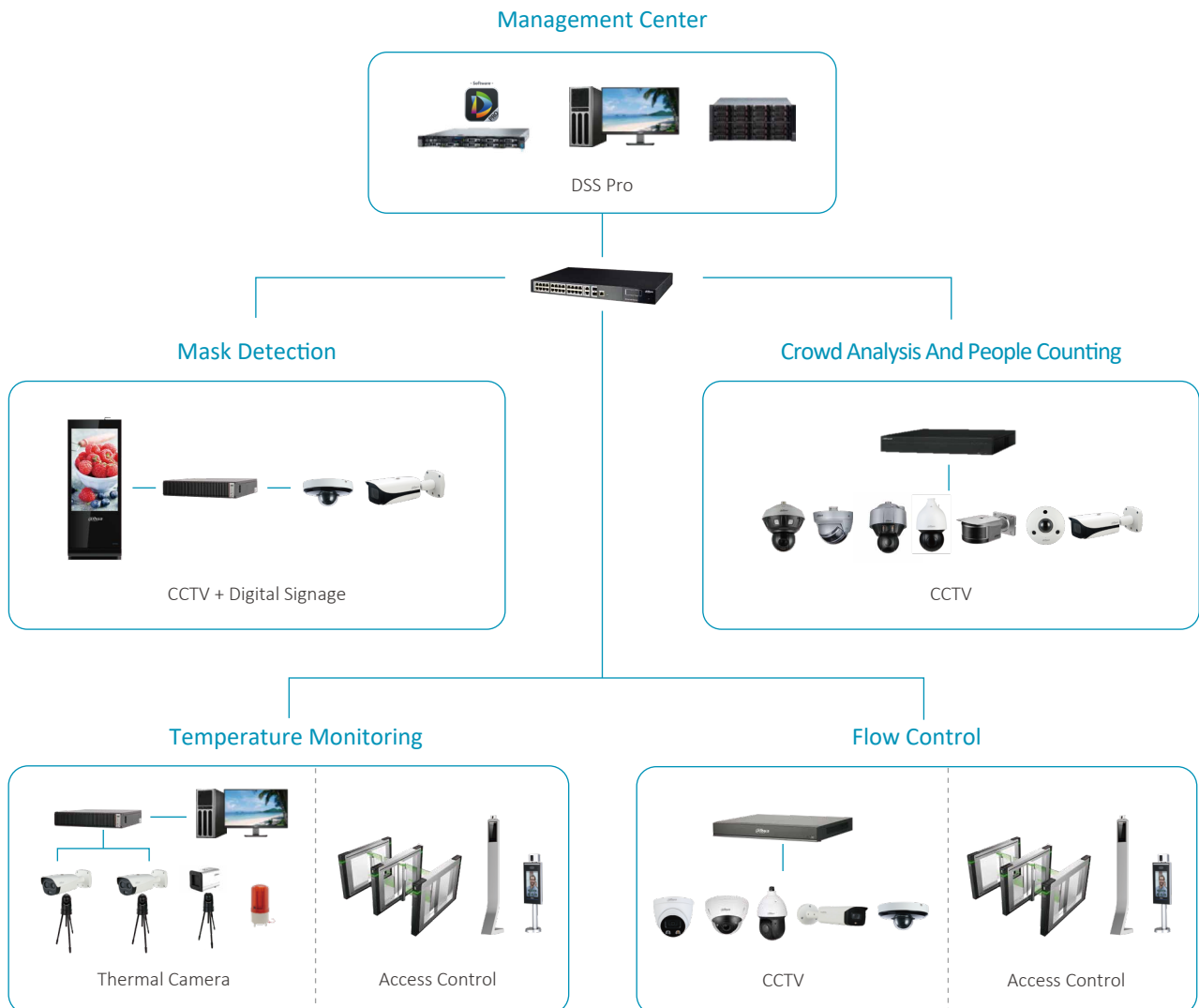
Provides visual management with integrated data graphic dashboard.

03

Module Design and Reusable

Allows continuous use of devices in the future to improve businesses and living conditions.

Solution Topology



Product Showcase



TPC-BF3221-T
Thermal Camera



DH-TPC-HBB
Black Body



IPC-HDW5541H-AS-PV
5MP WDR IR Eyeball AI
Network Camera



ITC237-PW1B-IRZ
2 Megapixel Full HD
WDR Access
ANPR Camera



SD5A232XA-HNR
2MP 32x Starlight IR
WizSense Network
PTZ Camera



PSDW8842ML-A180
4x2MP Multi-Sensor
Panoramic Network
Camera + PTZ Camera



IPC-HFW5241E-ZE
2MP Pro AI IR
Vari-focal Bullet
Network Camera



SD49425XB-HNR
4MP 25x Starlight IR
PTZ AI Network Camera



SD49425XB-HNR
4MP 25x Starlight IR
PTZ AI Network Camera



DHI-NVR5216-16P-I
AI Network Video
Recorder



SDT5X405-4F-WA
Dual 4MP Starlight
Hunter AI Camera



IPC-EBW81242
Panoramic Network IR
Fisheye Camera



DHI-ASGB8xxX-L/R/D
Swing Barrier



DHI-ASI7213X-T1
Intelligent Video
Surveillance Server
Temperature Access
Control Terminal



**DHI-ASI7213X-T1+
ASF172X-T1**
Floor Stand Temperature
Access Control Terminal



LDV55-SAI200
Digital Signage



DSS Pro
Comprehensive And
Expandable VMS

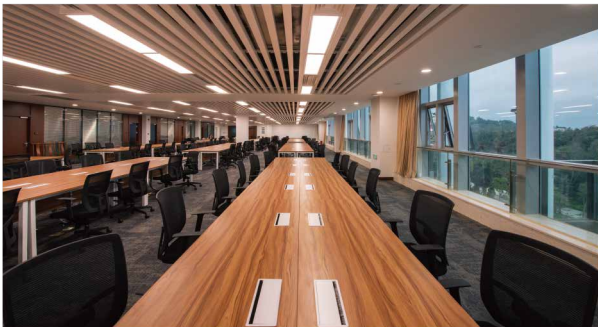
Application Scenarios



Industrial Park



Residential Area



Office Building



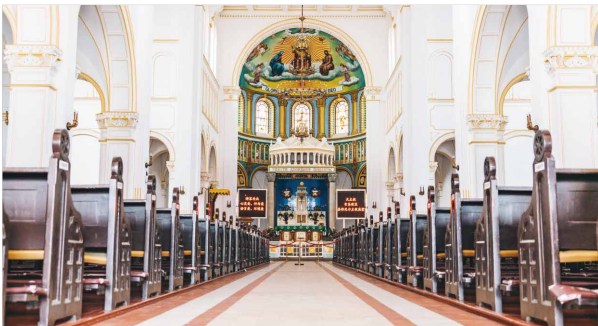
Casino



Library



School



Church



Hotel

Contact us

Email:sales@icctvzone.com

web:www.icctvzone.com
