HIKVISION®

Hikvision Back-to-Business Solutions
for Buildings

A safer, faster and smarter way towards the new normal

Background

Vast numbers of people work and move inside office buildings. To ensure public health, convenient and efficient temperature screening and mask detection is of utmost importance to ensure a safe working environment. Furthermore, a solution with continuous value to daily operation would contribute to long-term management efficiency.
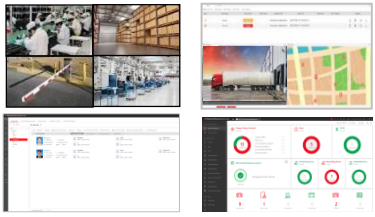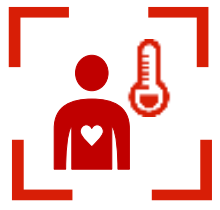

What We Bring

SECURE Back-to-Business

Contact-free temperature screening and mask detection helps to create a safer working environment.
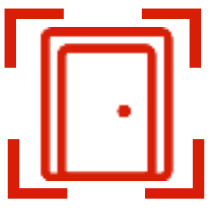
RAISE Long-term Values

Integrated platform of employee management, CCTV, incident alarm and equipment health dashboard, and can extend to ANPR, video intercom, etc., provides continuous value for daily management.
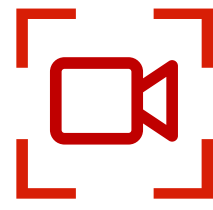
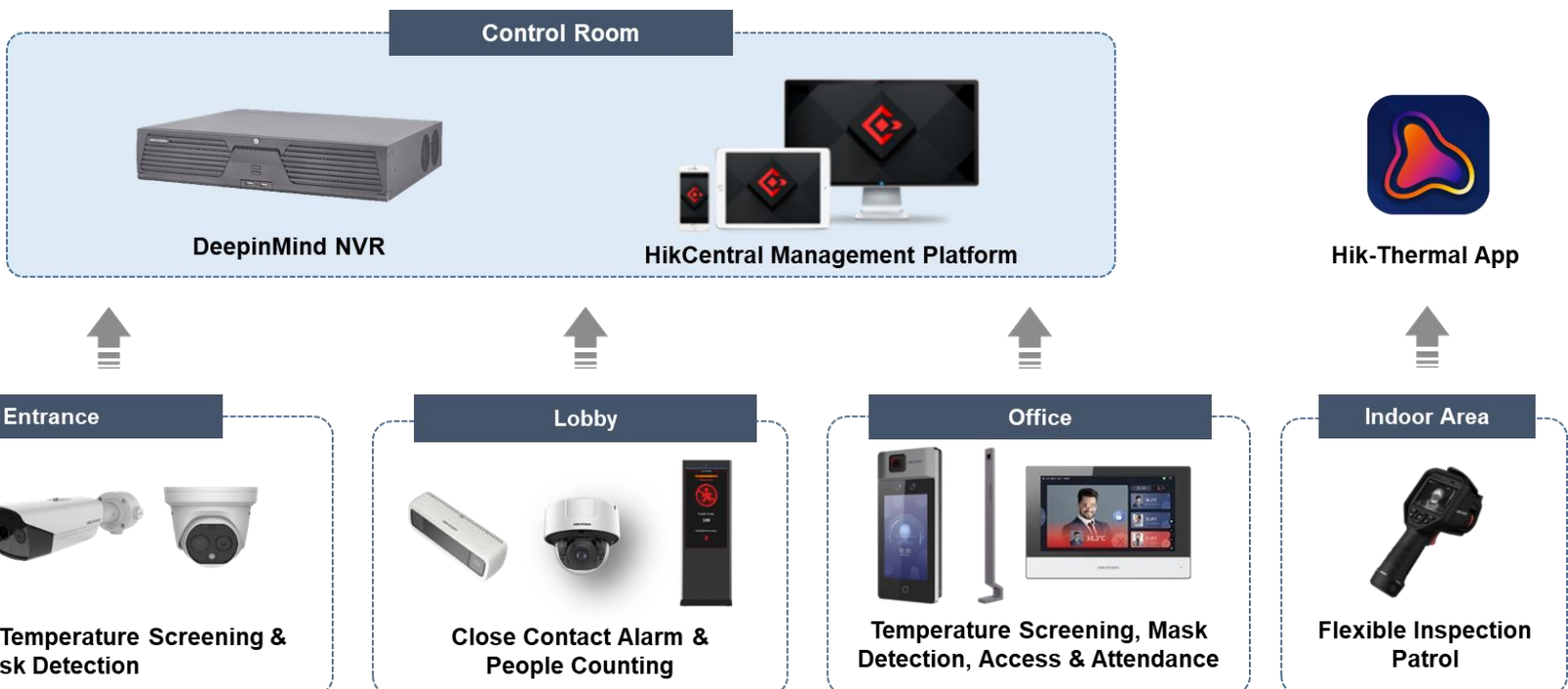**Temperature Screening** | **Mask Detection** | **Touch-free Access** | **Flow & Distance Control** | **CCTV Security System** | **Attendance Management**

System Topology

Control Room

DeepinMind NVR | HikCentral Management Platform | Hik-Thermal App

Entrance — Highly Efficient Temperature Screening & Mask Detection

Lobby — Close Contact Alarm & People Counting

Office — Temperature Screening, Mask Detection, Access & Attendance

Indoor Area — Flexible Inspection Patrol

Solution Introduction

01 Entrance- Temperature Screening & CCTV Security System

Group Screening:
DS-2TD2636B-15/P
DS-2TD2636B-13/P
DS-2TD2637B-10/P

One-by-one Screening:
DS-2TD2617B-3/6PA
DS-2TD1217B-3/6PA

Thermographic and Optical Bi-spectrum Video, Real-time Alarm with Audio

SECURE Back-to-Business

Temperature Screening & Mask Detection with bi-spectrum viewing and real-time alarm.

Highly Efficient group screening camera available, supports 30 people simultaneous detection.
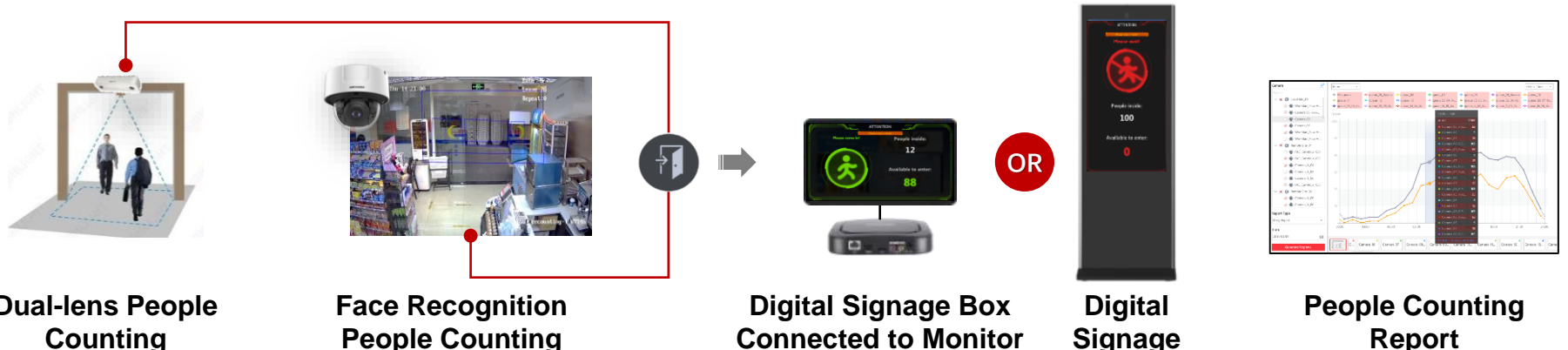
RAISE Long-term Values

Thermal + HD Video Bi-spectrum 4 Megapixel HD optical video provides clear details for monitoring and evidencing.

Various AI Capabilities Combining face counting, perimeter protection and queue management together in one camera for flexible application. *Coming Soon!*

02 Lobby- Flow and Distance Control

02-1 Flow Control to Avoid Crowding and Analyze Tendency

Dual-lens People Counting | **Face Recognition People Counting** | **Digital Signage Box Connected to Monitor** | OR | **Digital Signage** | **People Counting Report**

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Flow Control Count the real-time number of people inside the building and trigger alarm when exceeding threshold with interactive display on the digital signage, helping to avoid over crowded situation.

Temperature, Mask & Media Info optional for digital signage display with corresponding camera/NVR connected.

RAISE Long-term Values

People Flow Analysis Count people flow and generate reports to analyze by hour/day/week…, helping to understand the flow tendency and get prepared in advance.

Various AI Capabilities The 7-series camera combines facial recognition, face counting, perimeter protection and queue management together in one camera for flexible application.

02-2 Distance Control to Avoid Cross-infection

DS-2CD6825G0/C-I(V)S with special bracket
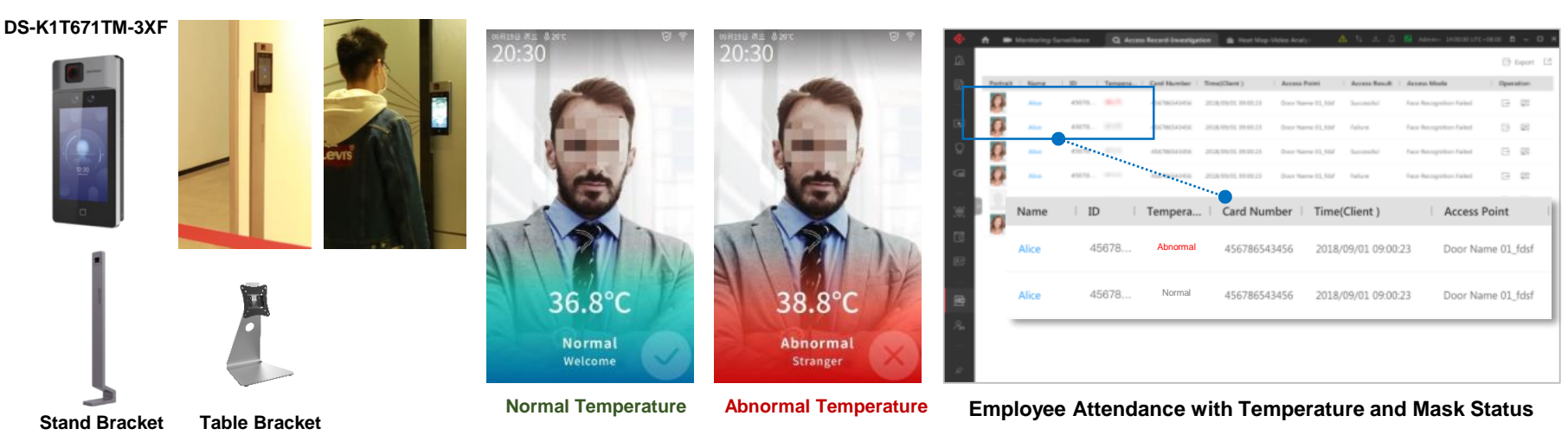
Mandatory Tilt Bracket: DS-2272ZJ-KL

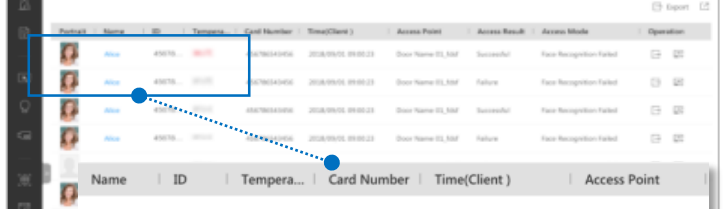Distance < Alarm Threshold!

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Regulate Social Distancing configurable alarm threshold for contact distance too close.

03 Office- Temperature Screening with Access Control & Mask Detection

03-1 Temperature Screening with Access Control

DS-K1T671TM-3XF
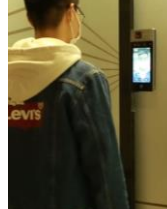
Stand Bracket Ds-kab671-b

Table Bracket DS-DM0710BL

36.8°C Normal Welcome

Normal Temperature

38.8°C Abnormal Stranger

Abnormal Temperature

Employee Attendance with Temperature and Mask Status

Touch-free Authentication facial authentication, mask detection and temperature screening.	**Highly Adaptable Access & Attendance** facial/card access and attendance in one unit, adaptable to various application scenarios.
Access per Temperature & Mask Status door permission granted only if with normal temperature and wearing a mask.	**Convenient Employee Management** digitized attendance reports, centralized access permission management boosts management efficiency.

03-2 Mask Detection to Avoid Cross-infection

iDS-2CD7xxx Series IP Camera

DS-2CD3XX Series IP Camera

Perimeter Protection

Mask Detection

SECURE Back-to-Business

RAISE Long-term Values

Mask Detection by quickly upgrade camera firmware, group detection of multiple persons supported.

Various AI Capabilities The 7-series camera combines facial recognition, face counting, perimeter protection and queue management together in one camera for flexible application.

04 Control Room- Powerful and Unified Management

04-1 One-stop Protection by DeepinMind NVR

DeepinMind NVR

Existing CCTV

Thermographic Camera

Reuse Project
1. Density Control
2. Mask Detection
3. Facial AI Application

New Project
1. Temperature Screening with identification
2. Density Control
3. Mask Detection
4. Facial AI Application

Multi-channel mask detection and facial AI

Employee Identification with Temperature & Mask Status

Event Alarm, Search, Playback & Export

False Alarm Reduction for Human/Vehicle Intrusion

DeepinMind NVR
(Built-in AI false alarm filter via facial recognition)

Alarm!
Alarm!
Reduce!

SECURE Back-to-Business

RAISE Long-term Values

Mask Detection for Reuse Projects 4ch to 8ch built-in mask detection, quickly upgrade existing cameras in the system.	**Security Enhanced by AI** deep learning algorithm for intrusion detection and facial AI with proactive alarm.
Visual Interactive real-time display of personnel mask and temperature status.	**Quick Search and Export of Evidence** by various event filters and search modes.

04-2 Powerful and Unified Management Platform HikCentral

Employee Attendance Report with Temperature & Mask Status

Manual Info Registration for Employee with Abnormal Health Status

Flow Control: Alarm Pop-up and Audio Reminding

Social Distancing Alarm

Overall Event Statistics

Integrated Security Solution

Video

Access Management

Vehicle Management

Visitor Management

Elevator Control

Dashboard

SECURE Back-to-Business

RAISE Long-term Values

Overall Statistics & Report of temperature and mask status, employee attendance and status reports, multi-site flow control status, etc.	**Unified Management** of vehicle, personnel, equipment status and event records all on one platform.
Employee Management & Records Retrieval with visualized real-time event popup, and traceable event records and video footage.	**Global Incident Handling & Management** Cross device and multi-site management for remote supervision and evidencing.

Additional Option

Indoor Area- Flexible Inspection Patrol with Handheld Devices

Temperature Screening and Intrusion Detection on Patrol
PC Client & Mobile APP Available

SECURE Back-to-Business

RAISE Long-term Values

Handheld Mobility ensures quick and flexible inspection patrol at offices.	**Intrusion Detection in Lowlight Environment** powered by thermographic video image, quickly spots vehicle/human approaching the building at night.
1m - 2m Safe Screening Distance reduces risk of cross-infection by avoiding close contact.	**Free Patrol Anywhere, Anytime** with HD snapshot for quick evidencing and PC client/ mobile APP connecting capability, easy to restart temperature screening in the future if requires.

Solution Advantages

Product	Secure Back-to-Business	Raise Long-term Values
Thermographic Cameras	- Temperature screening - Mask detection	- Thermal + HD video bi-spectrum - Various AI capabilities
MinMoe	Touch-free access with: - Temperature screening - Mask detection	- Highly adaptable access & attendance
7/3xx6 IP Camera	- Mask detection	- Queue management - Perimeter protection
DeepinMind NVR	- Mask detection reusing existing CCTV - Visual interactive personnel temperature and mask status	- Security enhanced by AI - Quick search and export of evidence

Product Showcase

Group Screening Thermographic Bullet Camera DS-2TD2636B-15/P DS-2TD2636B-13/P DS-2TD2637B-10/P	**DeepinMind NVR** iDS-9616(/32)NXI-I8/X(B)(T)	**Thermographic Handheld Camera** DS-2TP21B-6AVF/W
Thermographic Bullet Camera DS-2TD2617B-3/6PA	**Thermographic Turret Camera** DS-2TD1217B-3/6PA	**Blackbody Calibrator (Optional)** DS-2TE127-G4A
Temperature Screening Face Recognition Terminal DS-K1T671TM-3XF	**Bracket (Optional)** Stand Bracket: DS-KAB671-B Table Bracket: DS-DM07108L	**Tablet** DS-KC001
Mask Detection IP Camera iDS-2CD7xxx Series Camera	**Mask Detection IP Camera** DS-2CD3XX6 Series Camera	**PoE Switch** DS-3E0105P-E(B) DS-3E0109P-E(C)
Dual-lens People Counting Camera: DS-2CD6825G0/C-I	**Digital Signage / Digital Signage Box** DS-D6055FN-B(/S) DS-D6055UN-B DS-D60C-B	**Monitors** DS-D5019QE-B DS-D5043FL-B
Face Recognition People Counting Camera iDS-2CD7146-G0		**Central Management Platform** HikCentral