

# Hikvision Back-to-School Solutions for Schools

A safer, faster and smarter way towards the new normal

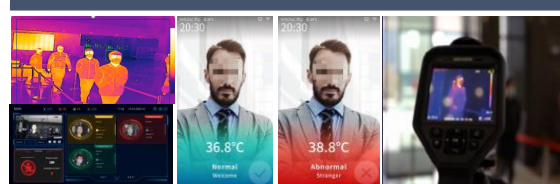
## Background

School is a place where students and teachers gather. They will stay in groups for a long time, in classrooms and dormitories particularly. To ensure public health, convenient and Efficient temperature screening and mask detection is of utmost importance to ensure safety school environment. Furthermore, a solution with continuous value to the operation of daily maintenance would contribute to long-term school management.

## What We Bring

### SECURE

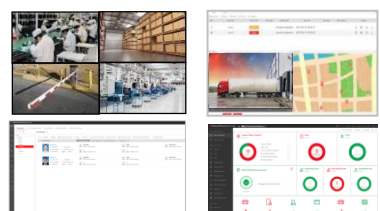
### Back-to-School



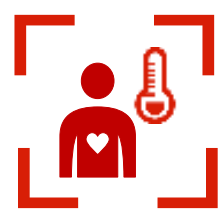
Contact-free temperature screening and mask detection helps to create a safer environment.

### RAISE

### Long-term Values



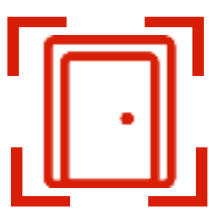
Integrated platform of employee management, CCTV, incident alarm and equipment health dashboard, and can extend to ANPR, video intercom, etc., provides continuous value for daily management.



Temperature Screening



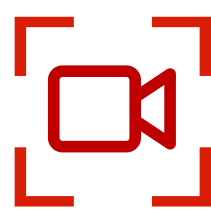
Mask Detection



Touch-free Access



Distance Control

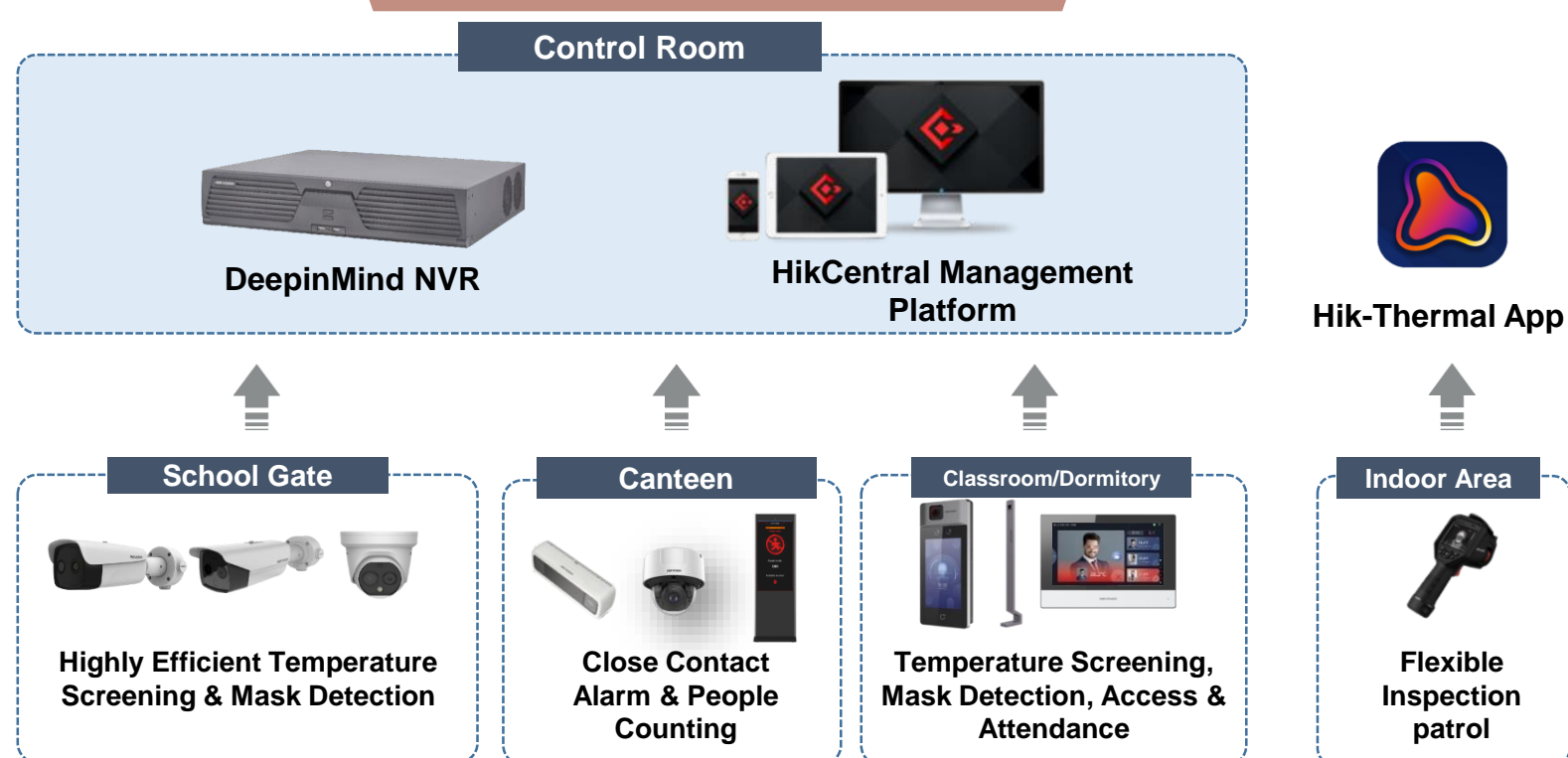


CCTV Security System



Attendance Management

## System Topology



## Solution Introduction

### 01 School Gate- 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-School

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

**Highly Efficient** group screening camera available, supports 30 people simultaneous detection.

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### 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 Classroom/Dormitory- Access & Attendance with Temperature & Mask Status

#### 02-1 Temperature Screening with Access Control for Patrol

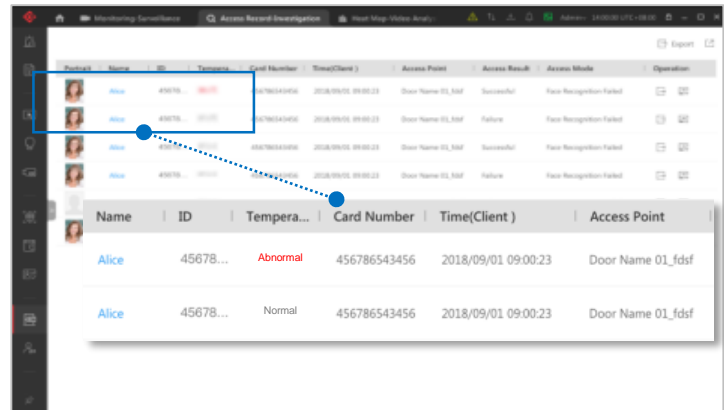
DS-K1T671TM-3XF



Normal Temperature



Abnormal Temperature



Employee Attendance with Temperature and Mask Status

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### Back-to-School

**Touch-free Authentication** facial authentication, mask detection and temperature screening.

**Access per Temperature & Mask Status** door permission granted only if with normal temperature and wearing a mask.

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### Long-term Values

**Highly Adaptable Access & Attendance** facial / card access and attendance in one unit, adaptable to various application scenarios.

**Convenient People Management** digitized attendance reports, centralized access permission management boosts management efficiency.

#### 02-2 Mask Detection to Avoid Cross-infection



DS-2CD7xxx Series IP Camera

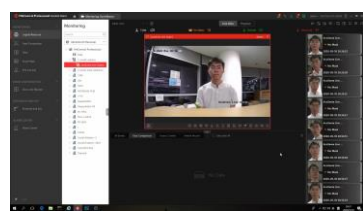


DS-2CD3XX6 Series IP Camera

Perimeter Protection



Mask Detection



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

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### Long-term Values

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



03

Canteen- Distance Control



DS-2CD6825G0/C-I(V)S  
with special bracket



Mandatory tilt bracket:  
DS-2272ZJ-KL



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


04

Control Room- Powerful and Unified Management


DeepinMind NVR



Existing CCTV



Thermographic Camera



Reuse Project


- 1 Density Control
- 2 Mask Detection
- 3 Facial AI Application

New Project

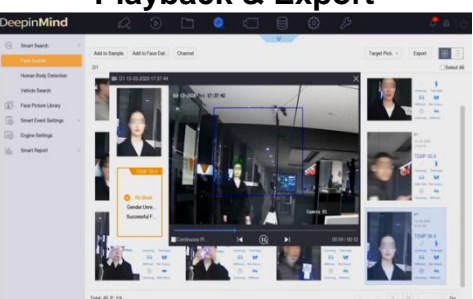
- 1 Temperature Screening with identification
- 2 Density Control
- 3 Mask Detection
- 4 Facial AI Application

Multi-channel mask detection and facial AI

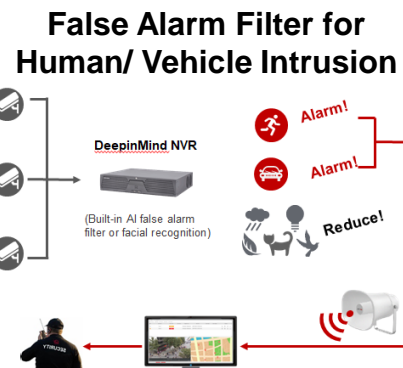
People Identification with Temperature & Mask Status



Event Alarm, Search, Playback & Export



False Alarm Filter for Human/ Vehicle Intrusion



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**Mask Detection for Reuse Projects** 4ch to 8ch built-in mask detection, quickly upgrade existing cameras in the system.

**Visual Interactive** real-time display of personnel mask and temperature status.

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Long-term Values

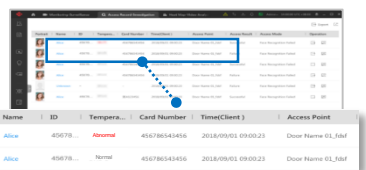
**Security Enhanced by AI** deep learning algorithm for intrusion detection and facial AI with proactive alarm.

**Quick Search and Export of Evidence** by various event filters and search modes.

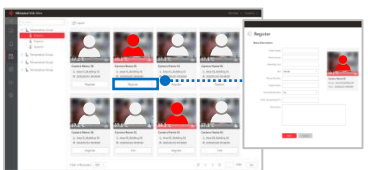
04-2 Powerful and Unified Management Platform

HikCentral

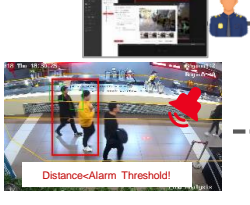
People Attendance Report with Temperature & Mask Status



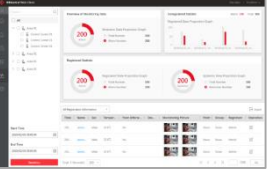
Manual Info Registration for people with Abnormal Health Status




Social Distancing Alarm




Overall Event Statistics




Integrated Security Solution




Video




Access Management




Vehicle Management




Visitor management



Elevator



Dashboard



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**Overall Statistics & Report** of temperature and mask status, employee attendance and status reports, multi-site flow control status, etc.

**Employee Management & Records Retrieval** with visualized real-time event popup, and traceable event records and video footage.

RAISE



Long-term Values




**Unified Management** of vehicle, personnel, equipment status and event records all on one platform.

**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

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**Handheld Mobility** ensures quick and convenient random temperature inspection at offices.

**1m - 2m Safe Screening Distance** reduces risk of cross-infection by avoiding close contact.

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Long-term Values

**Intrusion Detection in Lowlight Environment** powered by thermographic video image, quickly spots vehicle/ human approaching the supermarket at night.

**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.

Product	Secure Back-to-School	Raise Long-term Values
Thermographic Cameras	<ul style="list-style-type: none"><li>- Temperature screening</li><li>- Mask detection</li></ul>	<ul style="list-style-type: none"><li>- Thermal + HD video bi-spectrum</li><li>- Various AI capabilities</li></ul>
MinMoe	<ul style="list-style-type: none"><li>- Touch-free access with:</li><li>- Temperature screening</li><li>- Mask detection</li></ul>	<ul style="list-style-type: none"><li>- Highly adaptable access &amp; attendance</li></ul>
7/3xx6 IP Camera	<ul style="list-style-type: none"><li>- Mask detection</li></ul>	<ul style="list-style-type: none"><li>- Face counting</li><li>- Perimeter protection</li><li>- Queue management</li></ul>
DeepinMind NVR	<ul style="list-style-type: none"><li>- Mask detection reusing existing CCTV</li><li>- Visual interactive personnel temperature and mask status</li></ul>	<ul style="list-style-type: none"><li>- Security enhanced by AI</li><li>- Quick search and export of evidence</li></ul>

Product Showcase

Group Screening Thermographic Bullet Camera

DS-2TD2636B-13/P  
DS-2TD2637B-10/P



Thermographic Bullet Camera

DS-2TD2617B-3/6PA



Temperature Screening Face Recognition Terminal

DS-K1T671TM-3XF



Mask Detection IP Camera

iDS-2CD7xxx Series Camera



Dual-lens People Counting

Camera: DS-2CD6825G0/C-I



DeepinMind NVR

iDS-9616/(32)NXI-I8/X(B)(T)



Blackbody Calibrator (Optional)

DS-2TE127-G4A



Bracket (Optional)

Stand Bracket: DS-KAB671-B

Table Bracket: DS-DM0710BL





Face Recognition People Counting Camera

DS-2CD7146-G0



Digital Signage / Digital Signage Box

DS-D6055FN-B(S)  
DS-D6055UN-B  
DS-D60C-B



Central Management Platform

HikCentral



Thermographic Handheld Camera

DS-2TP21B-6AVF/W



Tablet

DS-KC001



Mask Detection IP Camera

DS-2CD3XX6 Series Camera



PoE Switch

DS-3E0105P-E(B)  
DS-3E0109P-E(C)





Monitors

DS-D5019QE-B



DS-D5043FL-B



