

A Safer Way to Reopen Schools!

Dahua School reopening solution



Temperature Monitoring



Touchless Passage



Flow Control



Central Dashboard

Background



Countries around the world remain at various stages in such special period, facing pressing challenges in their reopening efforts, especially on schools.

Although most primary and secondary schools worldwide remain closed, some countries still chose to reopen their schools recently. In addition, many European and Asia-Pacific countries have also announced plans to reopen their schools in the coming weeks or months.

Reopening schools might impose virus resurgence that can endanger public health. How can the education sector respond to this challenge? How can students be safe in schools? What safety measures should schools implement on their reopening?

Solution Introduction

This solution offers an opportunity for schools to reopen in a safe and efficient way. It is not only ideal for single school management, but also for multiple schools central management. It includes temperature monitoring, access control, central dashboard and other basic school management functions.

Overall, this solution aims to provide better protection and assistance in the “new normal” operations of schools during this special time.

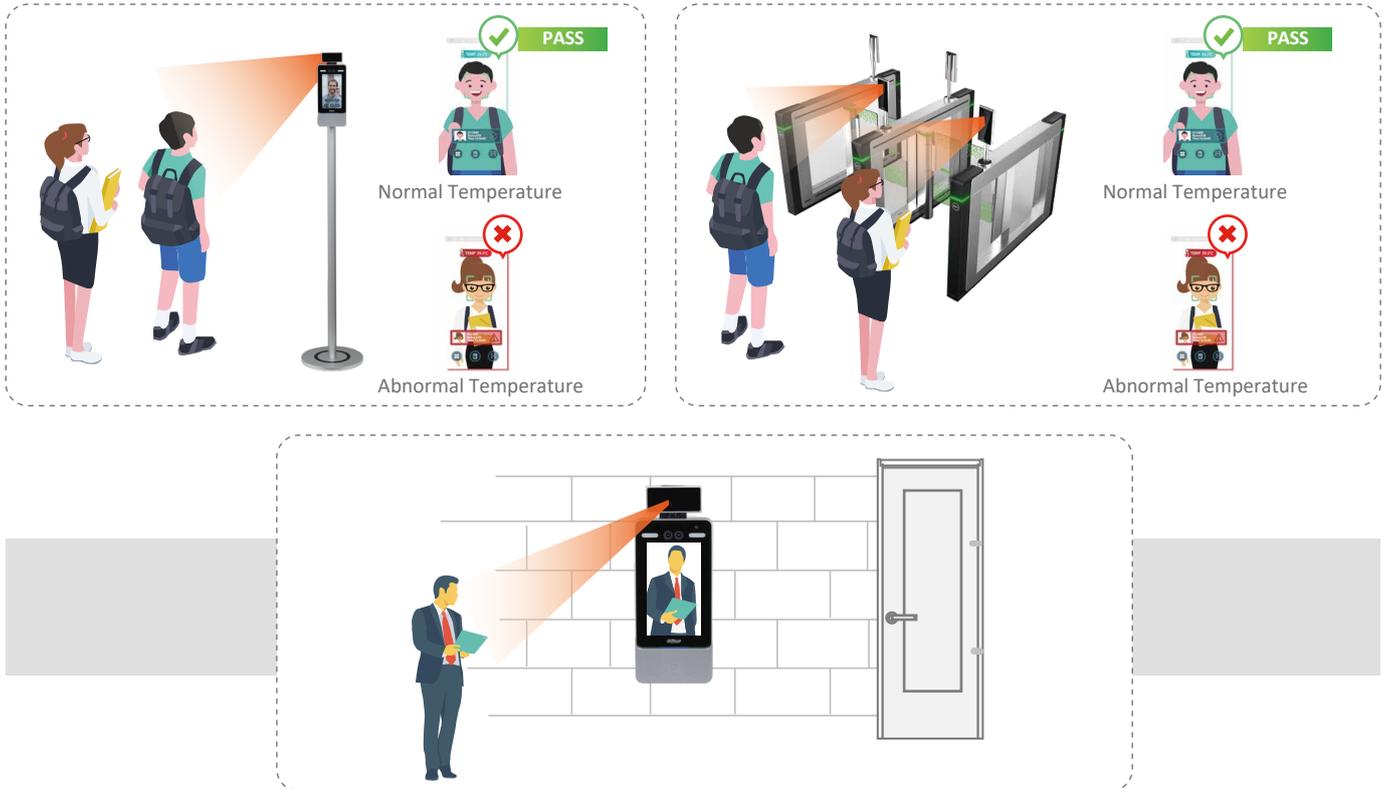


Solution Highlights

Touchless Temperature Monitoring and Face Recognition

In scenarios with large 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 on the dashboard.

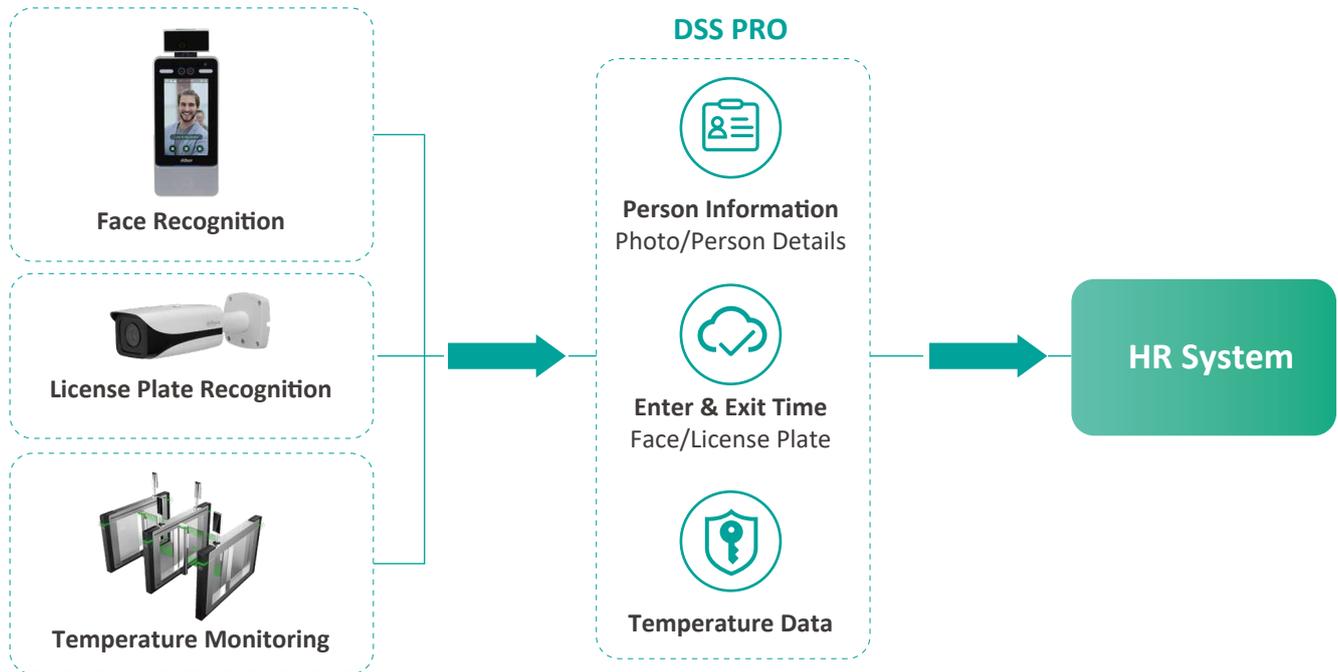


When students or teachers arrive in school by car, the Dahua Handheld Thermal Temperature Monitoring Camera can be used to detect the temperature of drivers at long distance, significantly reducing the risk of cross infection inside the school premises.



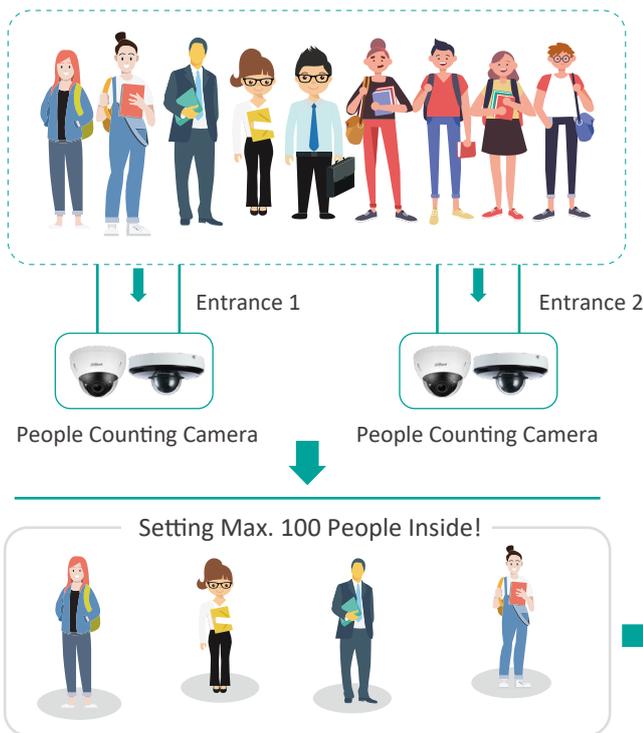
Touchless Time Attendance and Data Integration

Teachers and students can directly use face and license plate for non-contact attendance recording. All attendance and temperature data can be connected to the school's HR system through DSS PRO.



Flow Control

This solution supports entrance and exit flow detection, which can count the number of people inside the school canteen and library in real-time. When the number of people exceeds the threshold set by the user, it will remind people to wait outside, ensuring safety inside the school vicinity.



Once the people is less than the setting number, **Green light means people can enter continually.**



Once the people inside is full, **Red light means people need waiting.**

Central Data Dashboard and Global Control

Each School: Check data graphics and events in real time, and timely respond to abnormal situations.

Government Education Department: View the data of all schools, such as management status, alarm processing data, etc., so as to facilitate the overall safety of schools during this special period.

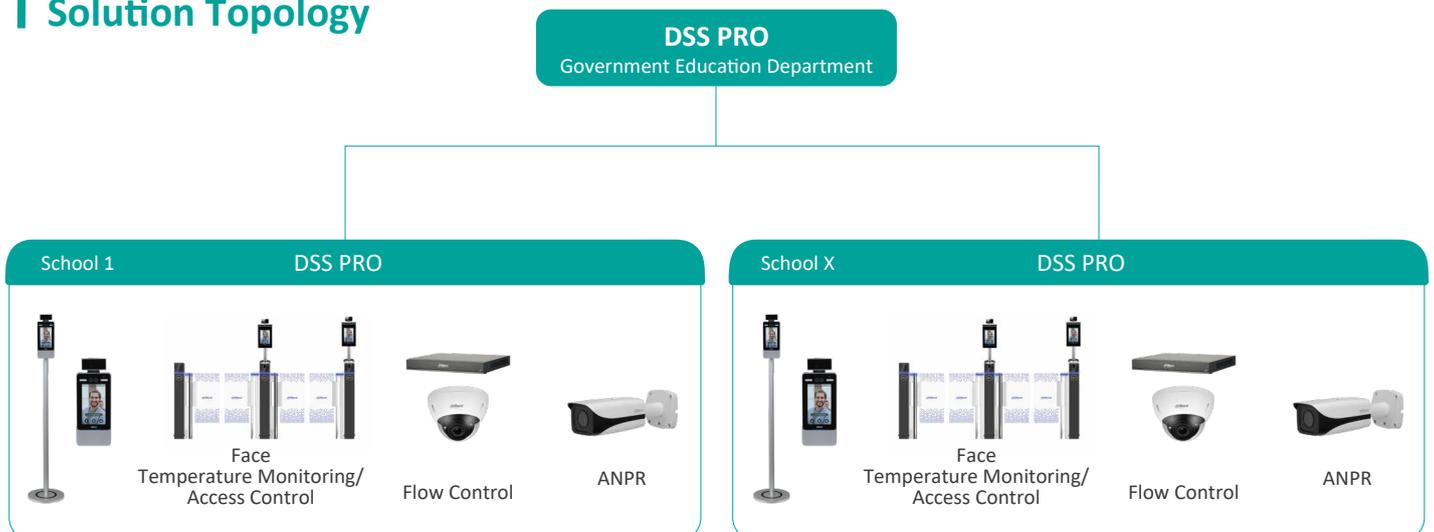


Data Dashboard of Each School



Data Dashboard for Government Education Department

Solution Topology



Solution Values



Touchless and intelligent access to protect students and teachers
Offers three major technologies powered by AI.



Flexible central management and timely response
Provides visual management with integrated data graphic dashboard.



Modular design and durable equipment
Allows long-term continuous usage of devices to improve efficiency of school management.

Recommended Products



Temperature Access
Control Terminal
ASI7213Y-V3-T1



Floor Stand Temperature
Access Control Terminal
ASF172YV3-T1+ASI7213Y-V3-T1



Swing Barrier
DHI-ASGB8xxX-L/R/D



Handheld Thermal Temperature
Monitoring Camera
DH-TPC-HT2201



2MP IR Vari-focal Dome
WizMind Network Camera
IPC-HDBW5241E-ZE



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



Comprehensive and
Expandable VMS
DSS Pro

