



HIKVISION:
**Delivering
Safety in
Education**

An Overview of Hikvision's Integrated Security Solutions
for Educational Institutions and Campuses

HIKVISION®



Technology that Ensures Student Safety & Security is our No. 1 Priority

Educational institutions in North America increasingly face safety and security concerns with the unfortunate rise in violent crimes against students, faculty, and campus visitors. Installing a comprehensive security solution can enable a school to focus on education, knowing the campus is secured.

Hikvision campus solutions can deter theft, vandalism, bullying, and violence, and also provide administrators with actionable intelligence and response capabilities designed to limit the impact of those intent on inflicting damage, pain and suffering.

SAFETY IN PREVENTION

All educational campuses can be vulnerable to internal and external threats. Hikvision is leading the security industry, providing technology that deters threats, and creates an environment that encourages positive behavior. Hikvision security solutions can ensure the safety of students and staff on campus, as well as in transit.

- Entrances, Lobbies and Offices
- Hallways, Corridors and Classrooms
- Sporting Arenas/Stadiums
- Parking Lots
- School Buses
- Libraries
- Gyms and More

Hikvision provides campuses with technologies aimed at reducing theft, vandalism, and violence. Our broad portfolio of products provides school systems with technology options capable of providing campus-wide coverage combined with HD clarity. This allows school resource officers to properly monitor student activities and assets, the key to preventing and managing disaster situations. Hikvision's industry-leading analytics and deep learning technology deliver proactive response capabilities to threats, disasters, and active shooter situations by creating district-wide situational awareness.

Hikvision Solutions for Safe Schools

Prioritize student safety with advanced perimeter protection, centralized broadcasting capabilities, reduced response times, effective lockdown management and much more with Hikvision's Centralized Management System, HikCentral. A fully scalable centralized monitoring system, it provides long-term sustainability and supports cutting edge analytics such as human/vehicle detection, people counting, behavior detection, and facial recognition capabilities. This advanced safety technology meets the needs of budget-conscious administrators.

AUTHORIZED / VERIFIED SCHOOL POPULATION ENTRANCE:

One of the most important steps in creating a safe and secure campus environment is ensuring that only authorized students, faculty, and visitors can access school grounds. Hikvision access control technology capabilities include:

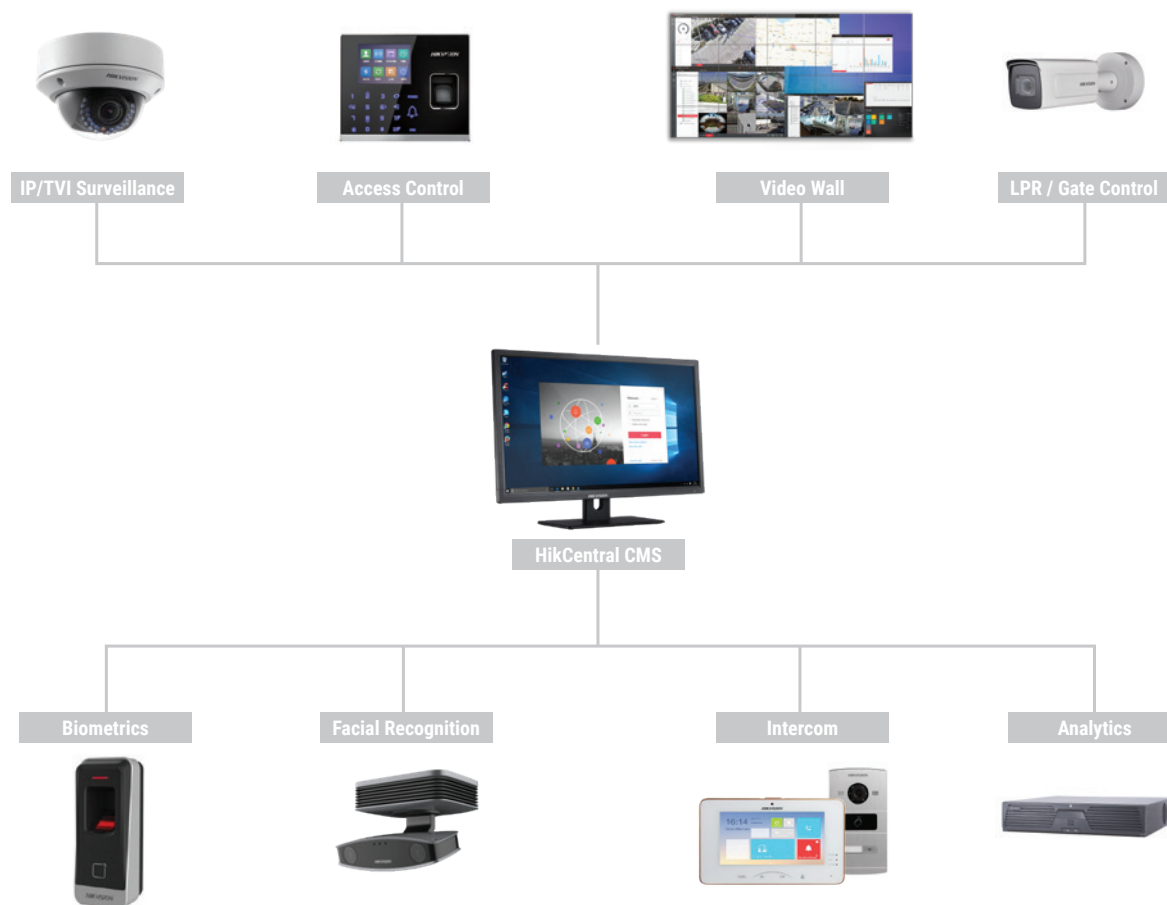
- List of Staff and Students
- Knowing Who Goes Where and When
- Student and Teacher Tracking Capability
- Visitor Management
- Exterior Entrance Controls
- Personnel Authentication

Hikvision access control solutions enable school systems to grant access only to authorized personnel.

Hikvision provides a full line of access control readers, panels, and credentials perfectly suited to educational facilities. Hikvision's advanced technologies include:

- Access Control Systems
- Vehicle Barrier Gates
- Biometric Access Control
- License Plate Recognition Systems

HIKCENTRAL CENTRALIZED CAMPUS SECURITY ECOSYSTEM



Broad Area Surveillance Applications

Hikvision offers educators unique solutions to provide campus-wide surveillance and response capabilities to keep students, faculty and visitors safe 24/7.



MAP LEGEND

- 01 Building Entrances:**
Biometric access control technologies to ensure only verified and authorized students and staff have entrance to facilities.
- 02 Library & Computer Rooms:**
Ultra-low-light cameras capture details and activity in dim lighting, where traditional camera technologies do not.
- 03 Lobbies:**
Clear visibility and high video quality even in harsh sunlight and high contrast conditions, which is often the case in school lobby areas.
- 04 Hallways:**
Hikvision's mini camera is discreet and features 90-degree rotation mode for vertical-perspective areas, which ensures that students, not walls, are captured within the camera's scene.
- 05 Parking Areas:**
Ultra-low-light, four-in-one imaging cameras cover entire parking areas, which allows better coverage with far fewer cameras.
- 06 Vehicle Access Control:**
License Plate Recognition camera with list filtering manages authorized entry and exit, ensuring only pre-authorized student and facility vehicles enter parking lots.
- 07 Perimeter Sports Areas:**
High performance PTZ and PanoVu cameras provide potent surveillance across large open areas, providing school resource officers with a higher level of situational awareness when large crowds are in attendance.
- 08 First Responder:**
HikCentral mobile applications allow first responders the ability to remotely view video footage via smart devices.



PARKING LOT AND SPORTS COMPLEXES: Parking lots and sports fields pose unique security challenges because of their size and the large crowds that attend sports events. Hikvision's PanoVu multi-sensor panoramic cameras address these challenges and are ideally suited for these applications. PanoVu cameras process and stitch multiple images together for panoramic views with excellent image and video quality, ensuring superior situational awareness and response capabilities.

THERMAL TECHNOLOGY: For extremely low light or critical perimeter security applications, Hikvision's thermal cameras provide detailed infrared imaging capable of seeing in total darkness.

LOW-LIGHT CONDITIONS: Hikvision's patented, award-winning DarkFighter technology provides clear, color images in low-light conditions. DarkFighter technology is available in many of our security solutions, including fixed, pan-tilt-zoom, and wide area cameras.

LICENSE PLATE RECOGNITION: Hikvision manufactures advanced license plate recognition technology capable of controlling what vehicles gain access to parking facilities, eliminating lost revenue from students using unregistered vehicles as well as alleviating overcrowded parking lots.

ACCESS CONTROL TECHNOLOGIES: Hikvision offers a full line of traditional card-based access control technologies as well as advanced "frictionless" access control solutions leveraging state of the art facial recognition terminals and biometrics. This will ensure only verified, authorized students and staff gain entrance to the campus facilities.

FEATURED PRODUCTS

2 MP Outdoor VF Bullet Network Camera



PanoVu Series 180° Panoramic+PTZ Camera



Thermal Cameras Smart Pro Series



Access Control



Facial Recognition





High Quality, Advanced Technology for Budget-Conscious Security Needs

DEPLOY SECURITY

TECHNOLOGY ON A BUDGET:

Our price advantages provide schools the ability to deploy more life-saving technology while meeting budget requirements. Providing this level of savings coupled with Hikvision's less than one percent technology failure rate ensures school systems are gaining quality while being good stewards of public funding. Hikvision's high quality and low failure rate also ensure additional life cycle costs, limiting the maintenance required to replace and repair security equipment. This ensures school funds are used for education.

TurboHD™ TVI SOLUTIONS:

Hikvision developed its TurboHD TVI solution, which saves money by using the existing coaxial cable infrastructure to transmit high definition video. This allows schools to acquire high quality HD security equipment at fraction of the cost of IP video systems.

H.265/H.265+ COMPRESSION:

A revolutionary video compression algorithm that reduces video bitrate streaming by 60 to 80 percent over the current H.265 industry standard. H.265+ greatly reduces network bandwidth usage and lowers storage requirements, leading to significant cost savings for school districts. Cost-savings associated with H.265 compression technology allows school districts to procure more storage for less. This ensures video can be stored longer, and potential evidence is not written over.

ARCHITECT & ENGINEER (A&E) DESIGN SUPPORT:

Proper design typically accounts for 10 to 15 percent of the overall security budget for any given project. Hikvision's team of design specialists and application engineers are available to help schools with system design and A&E specifications, further reducing costs associated with design requirements.



Committed to the utmost quality and safety of its products, Hikvision encourages partners to take advantage of the many cybersecurity resources we offer including the Hikvision Cybersecurity Center. In 2018, Hikvision opened the industry's first Source Code Transparency Center (SCTC) lab in California. The facility is accessible to U.S. and Canadian government and law enforcement agencies to review the source code for cameras and recorders currently sold in North America.

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