

Hanwha Vision

EDUCATION SOLUTIONS

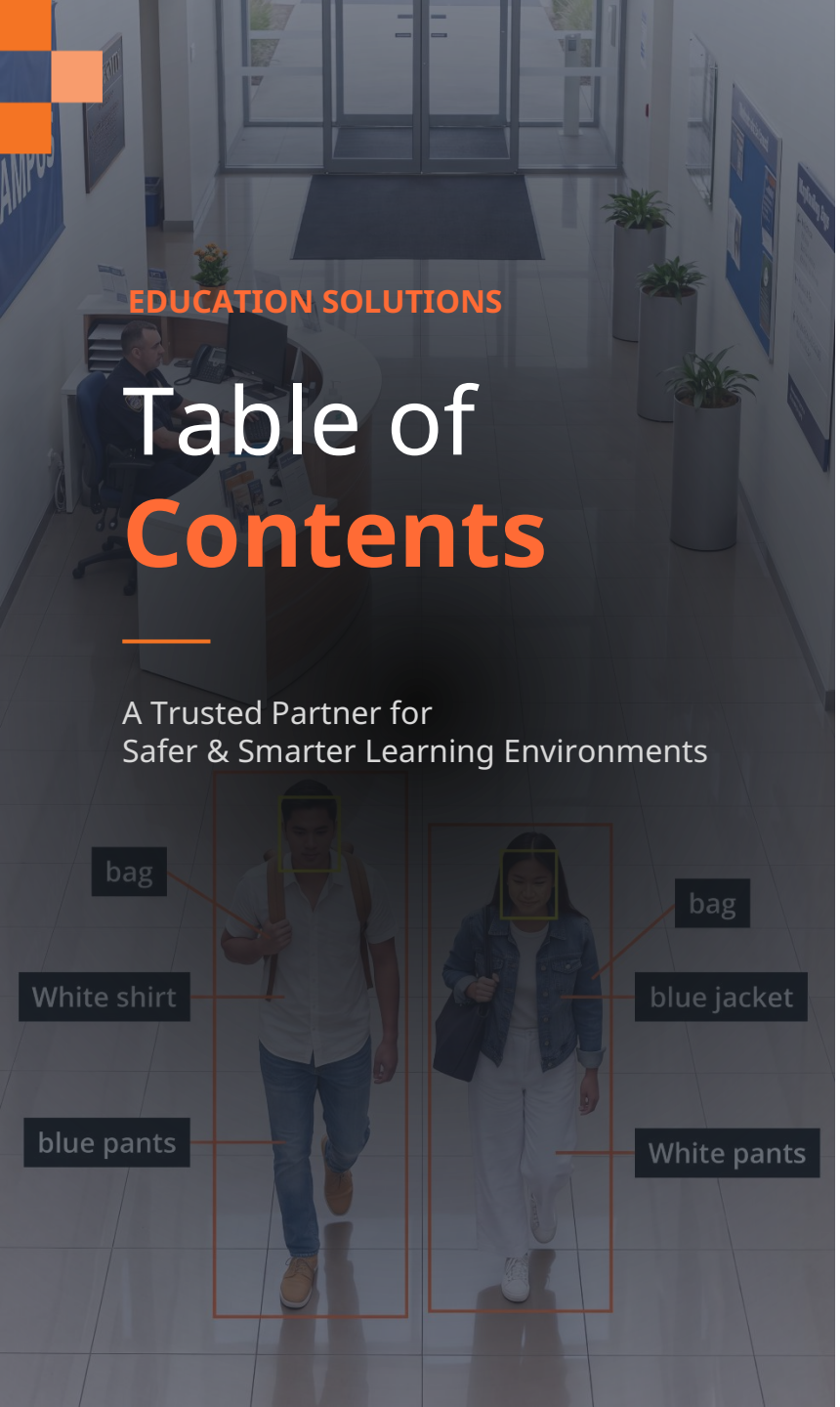
A Trusted Partner for
Safer & Smarter Learning Environments

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EDUCATION SOLUTIONS

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A Trusted Partner for
Safer & Smarter Learning Environments



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Hanwha Vision: **A Trusted Partner** for **Safer & Smarter Learning Environments**

Today, educational institutions at all levels face a wide range of daily safety and operational challenges, including:

01
Combatting incidents of on-campus violence

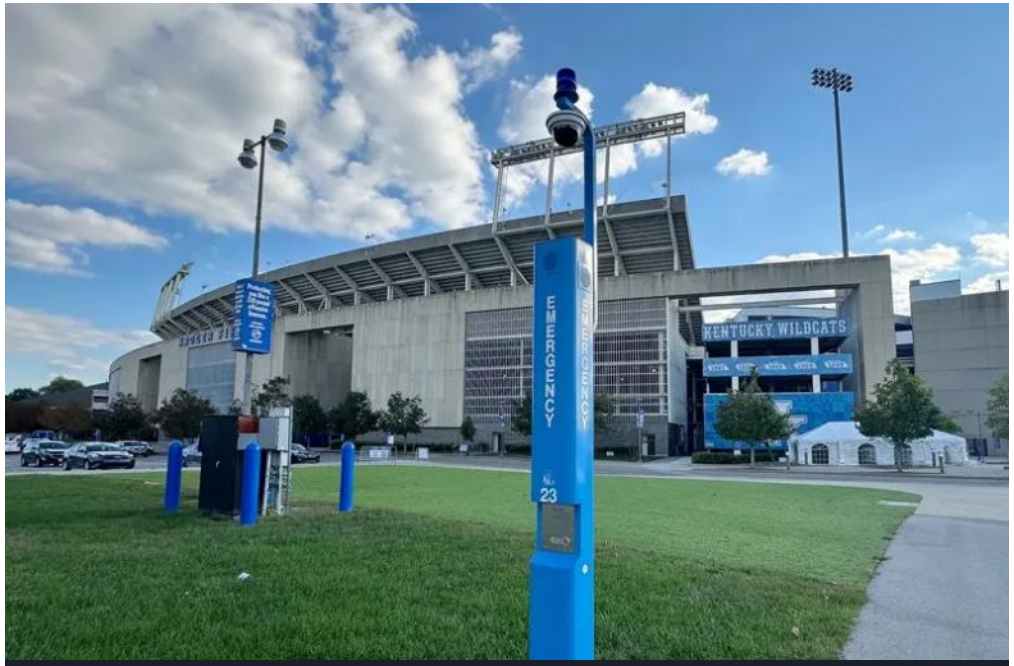
02
Reducing vandalism, theft, and property damage

03
Preventing unauthorized access to buildings

04
Mitigating cybersecurity threats

As a global leader for video surveillance innovation, Hanwha Vision is an ideal security partner for K–12 schools and higher education institutions. Our proven, cost-effective solutions meet the diverse needs of security, IT, and operational leaders.

By utilizing our powerful combination of advanced surveillance technologies, access control systems, AI data analytics, and deep industry expertise, educational institutions can navigate the delicate balance of safety, privacy, and budget limitations, all while fostering open and welcoming environments.



> The Hanwha Vision multi-sensor cameras provide 360 degrees wide-area coverage from one unit, eliminating blind spots without replying on an operator. They deliver continuous, comprehensive visibility, critical for tracking incidents from start to finish.

Nathan Brown Deputy Chief of Security, University of Kentucky

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Hanwha Vision:
Proven Solutions for **Education**

Hanwha Vision offers a comprehensive range of technologies that help K-12 schools and universities create safer and smarter learning environments, including:

CERTIFIED COMPLIANCE

NDAA compliance

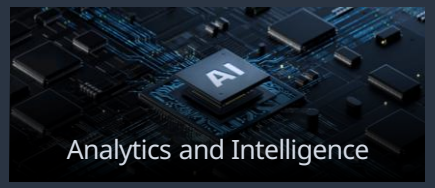
TAA compliance

FIPS 140-3
FIPS 140-2

OUR SOLUTION

See Hanwha Vision's most requested solutions for education >











Key Features include:

01

High-Quality Imaging

Reliable and clear video for investigations and real-time monitoring.

02

Flexible Form Factors

Cameras designed for classrooms, hallways, stadiums, parking lots, campus living areas, and every other part of campus.

03

Reliable Performance

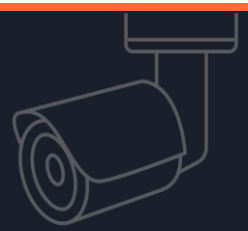
Rugged, tamper-resistant, and weatherproof models that ensure consistent operations.

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Advanced Security Cameras in Many Form Factors

Hanwha Vision offers a comprehensive range of NDAA-certified security cameras that are highly effective at both increasing safety and improving operational efficiency in schools.

Bullet Cameras



APPLICATIONS

Perimeter areas (entrances, fences, gates like hallways, parking lots, athletic fields)

KEY BENEFITS

- Extended coverage area captures longer-range scenes.
- Highly-visible form factor style serves as visible deterrent and early threat identification.

POPULAR MODELS

PNO-A9311R
XNO-A9084R
TNO-C3032TRA
Thermal Camera

Panoramic Cameras



APPLICATIONS

Building exteriors, parking lots, entrances

KEY BENEFITS

- Provides a full room view with no blind spots. Compact size enables discreet monitoring and blends into the environment.
- Anti-ligature design prevents tampering IK10+ vandal resistance & IP66 weather protection for indoor & outdoor use.

POPULAR MODELS

TNV-C8011RW
PNM-A13022RV

Dome Cameras



APPLICATIONS

Cafeterias, classrooms, entrances, hallways, offices

KEY BENEFITS

- Delivers wide-area coverage for monitoring students, staff, and visitors, across busy school locations like – hallways, cafeterias, and entryways.
- Highly durable and vandal-resistant.

POPULAR MODELS

QNV-C9083R
XNV-A9084R
XNV-A8016R

Fisheye Cameras



APPLICATIONS

Libraries, cafeterias, common areas, research labs, conference rooms & offices.

KEY BENEFITS

- Cost-efficient surveillance option that delivers wide-angle, 360° views from a single unit, reducing need for multiple cameras.
- Eliminates blind spots in expansive areas such as hallways, gyms, and cafeterias.

POPULAR MODELS

XNF-A9014RV
QNF-C9010V
QNF-C9010

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Advanced Security Cameras in Many Form Factors

Hanwha Vision offers a comprehensive range of NDAA-certified security cameras that are highly effective at both increasing safety and improving operational efficiency in schools.

License Plate Recognition (LPR) Cameras



APPLICATIONS

Entrance drop-offs and pickup areas, parking lots.

KEY BENEFITS

- Increased safety and streamlined dropoff and pickups. by automatically reading license plates to verify authorized vehicles (staff, parents) and flag unknown ones.

POPULAR MODELS

PNO-A9311RLP
4K 31x zoom LPR/ANPR/MMCR IR bullet camera

Mobile Cameras



APPLICATIONS

School transport vehicles (buses, vans)

KEY BENEFITS

- Significantly boost safety by deterring misbehavior (bullying, vandalism), on school transport vehicles.
- Document incidents for evidence, track students for lost child prevention.

POPULAR MODELS

TNV-C8014RM
T series AI 5MP IR mobile camera

Multi-Sensor Cameras



APPLICATIONS

Building exteriors, ledges, long or L-shaped indoor corridors or outdoor areas such as staircases, hallways

KEY BENEFITS

- Less cameras doing more. Multiple lenses in one housing deliver 180°/270° panoramic views with unified cabling and licensing.

POPULAR MODELS

PNM-C16013RVQ
Four-channel, mini multi-sensor camera
PNM-C34404RQPZ
PNM-C12083RVD

PTZ (Pan-Tilt-Zoom) Cameras



APPLICATIONS

Auditoriums, dorm rooms, hallways, quads

KEY BENEFITS

- Pan 360° and tilt up/down to effectively cover large areas like gyms, auditoriums, or hallways with fewer cameras
- Highly-visible solution that enhances accountability, and helps deters misbehavior – fighting, theft, vandalism.

POPULAR MODELS

PNM-C19183RVTP
PNM-C34404RQPZ
XNP-A6374RH
XNP-A9314R

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Hanwha Vision:
Proven Solutions for Education

AI data analytics & intelligence

01 BUILT-IN CAPABILITY

Hanwha Vision cameras, with built in, license-free AI analytics, help security teams detect threats earlier, respond faster, and improve situational awareness across campus.

02 FROM REACTIVE TO PROACTIVE

AI-driven analytics help turn security from reactive to proactive and predictive, with precise object detection, loitering alerts, and license plate recognition via LPR/ANPR cameras (license plate recognition/automated number-plate recognition).



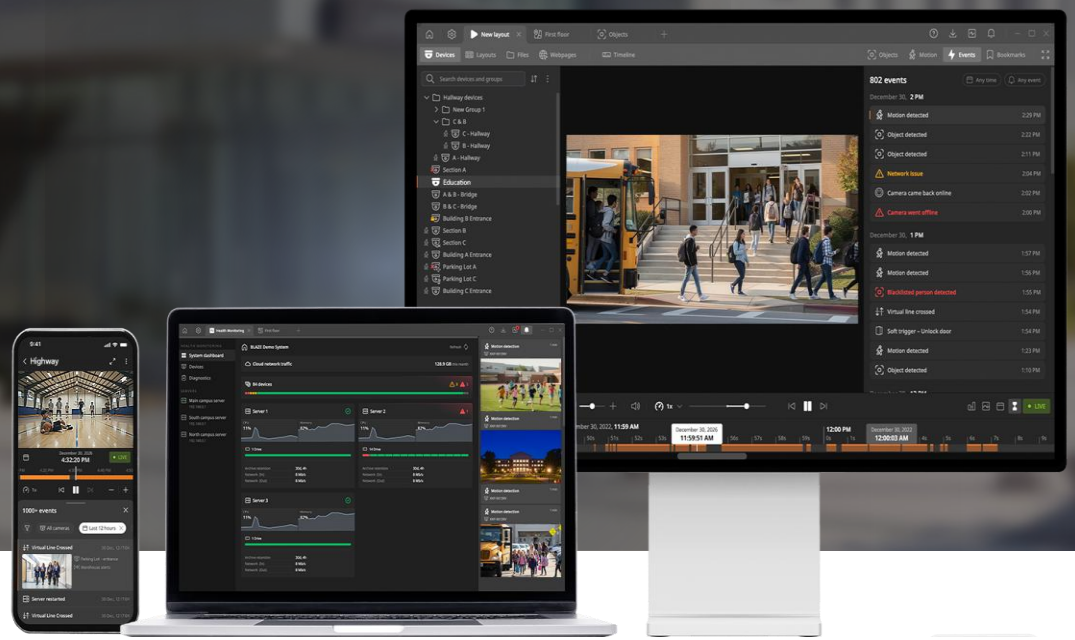
> Our biggest crime on campus is larceny, and we've been able to solve a vast majority of those calls simply because of the camera system that we have. Now, we're able to be proactive and catch people in the act before we even know who they victims are.
>
> **Scott Merlo** Chief of Police and Director of Public Safety at Western Michigan University

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Hanwha Vision:
Proven Solutions for **Education**

BLAZE

Hanwha Vision's Hybrid AI VMS for Every Campus



On-premise AI surveillance with cloud-based management

Easy to Deploy, Manage, and Scale

- **Centralized User Management Made Easy**: Cloud-based organizations simplify centralized user management and multi-site scalability
- **Multi-Platform Support:** Unified user experience enables remote monitoring from - mobile, web & desktop
- **Deep Integration Across Hanwha Vision Solutions:** Intercoms, thermal and LPR cameras, IP speakers, and AI analytics
- **Seamless Cloud Connectivity:** Link multiple sites to the Hanwha Vision Cloud for secure, remote access across multiple locations
- **Robust Cloud Scalability:** Mange users with role-based permissions, and track activities with comprehensive audit trails

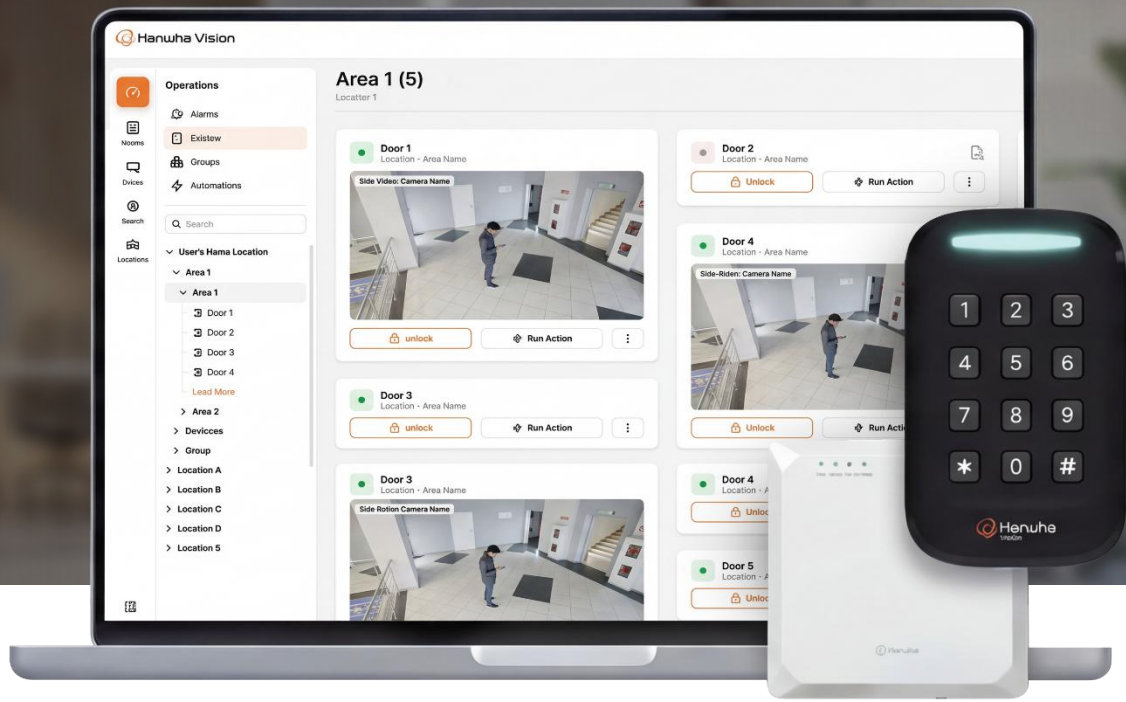
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Hanwha Vision:
Proven Solutions for Education

OnCAFE

One smart system for every access point

* Hanwha Vision OnCAFE availability varies by region, please contact your regional representative.



Access Control

Cloud offerings for access control – OnCAFE

- **OnCAFE** is designed to provide secure, scalable and easy-to-manage **access control solutions** for buildings, facilities and enterprises of all sizes.
- **Area-based lockdown** with authorized override options for emergency responders
- Monitor and control your entire site through **real-time remote monitoring** and **direct-to-cloud communications**, with **advanced door configuration**, **elevator control** for up to 128 floors, and a **flexible interface** via browser or app.
- Simplify access management with unified **identity management**, **mobile credential management**, **AI-configured schedules, advanced Event-to-Action** logic and seamless **VMS integration** with WAVE.

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Hanwha Vision:
Proven Solutions for Education

Flexible and Scalable VMS (Video Management System) Options

Hanwha Vision provides flexible VMS solutions for K-12 schools, universities, and multi-campus districts, enhancing campus monitoring and turning camera footage into actionable data. Our wide range of surveillance cameras are also compatible with other leading VMS solutions from companies like Genetec and Milestone.



Hanwha Vision BLAZE

A next-generation hybrid cloud VMS that combines on-premise AI surveillance with cloud-based management.

BLAZE runs on dedicated, pre-configured appliances that simplify deployment, while WiseAI-powered semantic search supports rapid object and attribute searches.



Wisenet WAVE VMS

Wisenet WAVE VMS offers a secure video management system with remote-access capabilities that is built for scalability and can be seamlessly integrated with other popular VMS solutions.



Wisenet SSM

Hanwha Vision SSM offers a centralized video management system with intelligent analytics that is built for enterprise-level surveillance and can be efficiently scaled across multiple sites.

* Wisenet SSM availability varies by market and is not offered in the United States or Canada.

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Hanwha Vision:
Proven Solutions for Education

Comprehensive Audio Solutions

Hanwha Vision offers a range of standard and intelligent, AI-powered audio solutions that help keep students, staff, and visitors safe while streamlining communication.

From ambient messaging to real-time alerts for emergencies, the right audio solutions can give schools a powerful layer of control, efficiency, and engagement, fully unified within one platform.

Learn about Hanwha Vision Audio Beacon →



01

Automated announcements triggered by events or schedules, powered by video analytics for proactive campus safety.

02

Text-to-speech and pre-recorded messages for consistent, multilingual communication across classrooms and facilities.

03

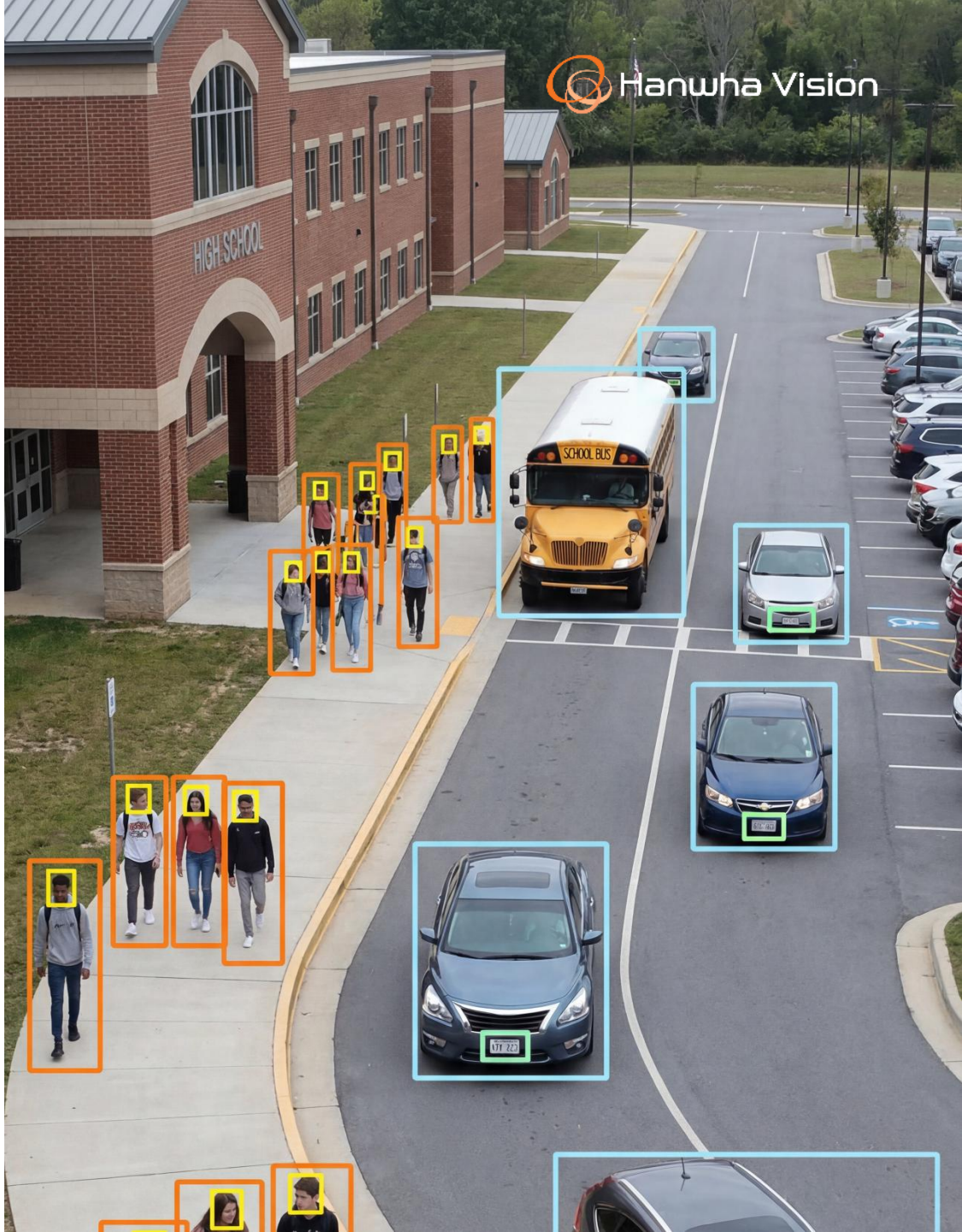
Scalable IP architecture supports up to **512 devices**, easily integrating with existing surveillance systems.

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Our Solutions: **Secure** & **Optimize** Every Environment

Hanwha Vision offers affordable surveillance solutions for various educational institutions, including **K-12 schools, universities, and specialized learning academies** (arts, sports, trade vocations).

By delivering **real-time visibility** and **intelligent analytics**, our solutions protect every part of a campus, while enabling **centralized management and real-time response for security teams**.



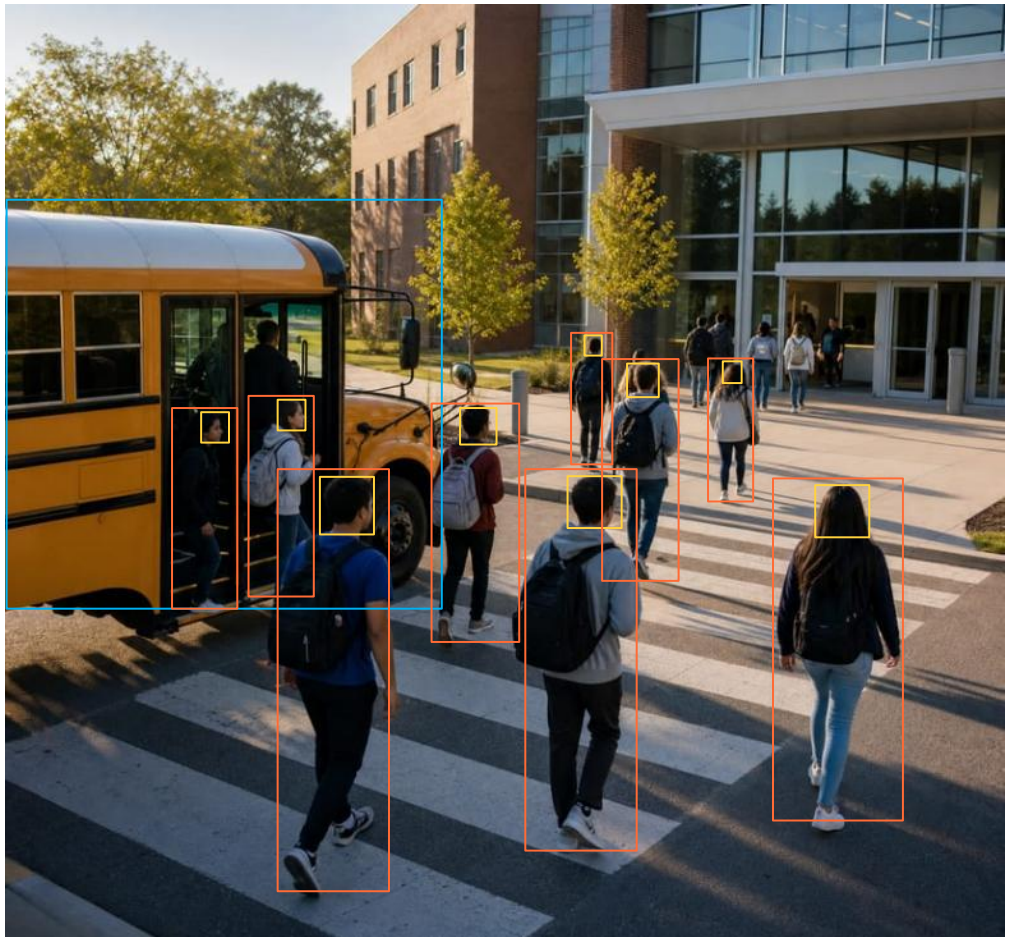
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Our Solutions:
Secure & Optimize Every Environment

Safe Arrivals & Departures

buses | entrances | exits | parking lots

- **Monitor student and staff arrivals** and departs with real-time insights from Hanwha Vision's range of **AI-enabled audio and video surveillance solutions**.
- Use these intelligent tools to **improve safety, minimize congestion, deter potential trespassers, and reduce liability risks.**



Key Solutions

Cameras

- Bullet Cameras
- Mobile Cameras
- Multi-Sensor Cameras
- PTZ Cameras

Audio & Analytics

- Intelligent Audio Solutions
- License Plate Recognition (LPR)

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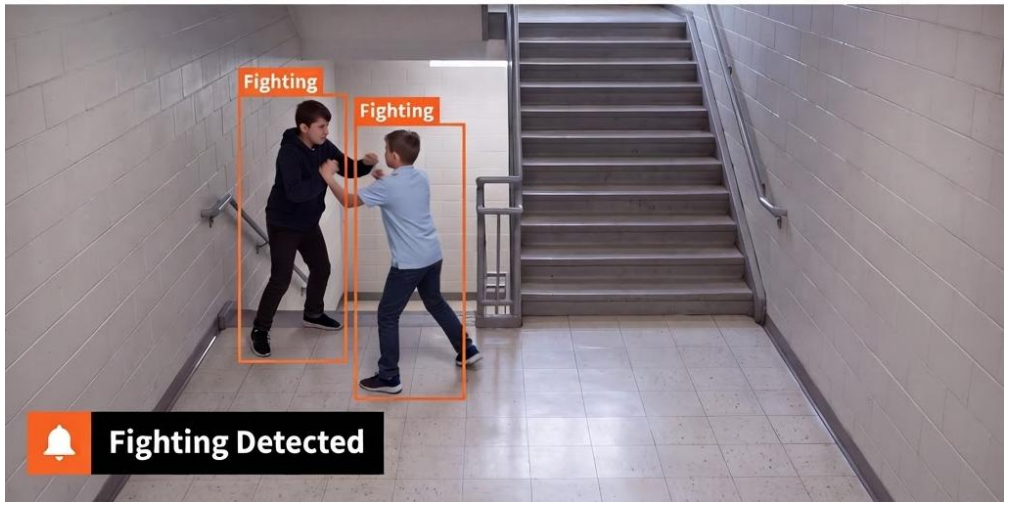
Our Solutions:
Secure & **Optimize** Every Environment

In-School Solutions

cafeterias | classrooms | hallways | lab rooms | libraries | staircases

- **Precisely track activities** in classrooms, lunchrooms, and staircases with cutting-edge, **AI-enabled dome (fisheye and multi-sensor) cameras.**
- **Real-time video monitoring** and **intelligent audio** helps **identify and ensure rapid response to potential threats** - fights, vandalism, property theft, and trespassers.





Key Solutions

Cameras

- Bullet Cameras
- Dome Cameras
- Multi-Sensor Cameras
- PTZ Cameras
- Fisheye Cameras

Audio & Analytics

- Intelligent Audio Solutions
- Running Detection
- Fighting Detection

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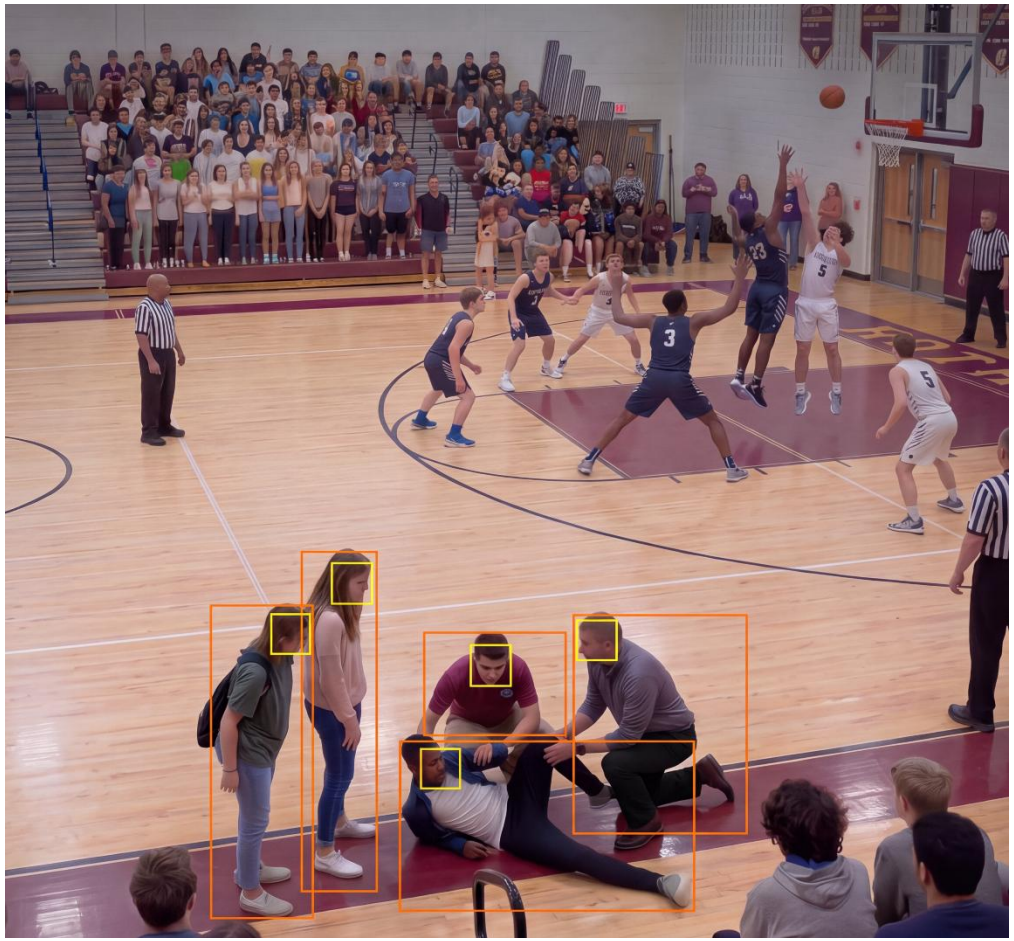
Our Solutions:
Secure & **Optimize** Every Environment

Indoor Athletic & Entertainment Spaces

fitness centers | gymnasiums | music theaters

Hanwha Vision's **AI-powered solutions** enhance safety for indoor athletic and entertainment spaces, like gyms and music theater, by integrating **clear visibility, intelligent detection, and secure data management.**

- **High-resolution cameras** ensure comprehensive coverage without blind spots, while **audio solutions and environmental sensors** strengthen security in areas where surveillance cameras may not be permitted, such as **bathrooms and locker rooms.**
- **Streamline crowd management during large events,** identifying unusual behaviors such as **fights, loitering, crowd surges, slips and falls,** improving safety and response times.
- Increase **brand recognition, student engagement, and fundraising** by hosting successful events.



Key Solutions

Cameras

- **Bullet Cameras**
- **Dome Cameras**
- **Multi-Sensor Cameras**
- **PTZ Cameras**
- **Fisheye Cameras**

Audio & Analytics

- **Intelligent Audio Solutions**

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Our Solutions:
Secure & Optimize Every Environment

Protecting Arenas & Stadiums

Arena | stadium | perimeter | main gate | concourse | parking lot

Sporting events foster school spirit, alumni engagement, and help drive an institution's brand reputation.

Hanwha Vision surveillance solutions and AI data analytics are used at event venues across North American campuses to enhance fan experiences and improve safety.

- **AI-powered insights** to deploy staff more effectively**, reduce congestion**, and improve **crowd flow and traffic management.**
- Ensure **accessibility standards** for **equal access seating, accessible parking, entrances, signage and restrooms are for maintained.**
- **Increase revenues** with **real-time data that reveals consumer preferences for concession stand and gift shop items.**



Key Solutions

Cameras

- **Bullet Cameras**
- **Panoramic Cameras**
- **Multi-Sensor Cameras**
- **PTZ Cameras**
- **License Plate Recognition (LPR) Cameras**

Audio & Analytics

- **Intelligent Audio Solutions**

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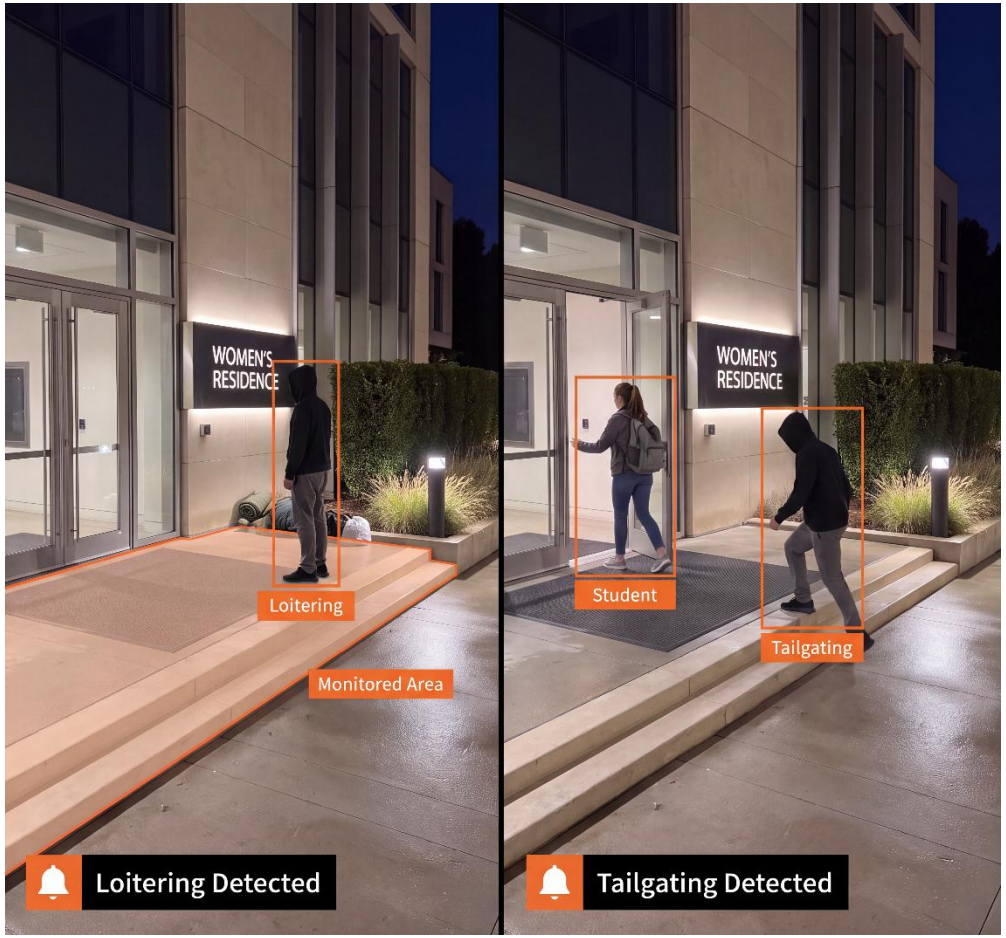
Our Solutions:
Secure & Optimize Every Environment

Campus Living

dormitories | main entrance | rooms | common lounges | courtyard

Around-the-clock surveillance is essential to **protect students, staff, property, and the institution's brand reputation.**

- Utilize Hanwha Vision's **AI-powered high-resolution cameras** for **quick incident detection and response**, supported by real-time analytics.
- Integrate **surveillance solutions** with **access control, emergency alarms, and fire detection** for enhanced safety in dormitories and living spaces.
- Protect privacy with **Dynamic Privacy Masking (DPM),** ensuring **safety while respecting personal data.**



Key Solutions

Cameras

- Bullet Cameras
- Dome Cameras
- Fisheye Cameras
- Multi-Sensor Cameras
- PTZ Cameras

Audio & Analytics

- Intelligent Audio Solutions
- Loitering Detection
- Tailgating Detection

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Cybersecurity Commitment

TAA compliance

FIPS 140-3
FIPS 140-2





As rising cyberattacks target K–12 districts and universities, video surveillance systems must be as secure as they are reliable.

Hanwha Vision leads the surveillance industry with a security first approach that protects both **physical and digital environments**. Our cameras and recorders include **secure boot, signed firmware, encrypted data transmission, and device level hardening.**

This commitment helps institutions **safeguard sensitive video data and maintain compliance with internal and regulatory security standards.**

Security

Data Protection

Secured Hardware

Integrity

Learn more about Hanwha Vision Cybersecurity →

NDAA compliance

All Hanwha Vision cameras, components, and systems are fully NDAA-compliant. Hanwha Vision manufactures its products in **Vietnam and South Korea**, qualifying certain products for sale under the **TAA and GSA guidelines**.

Warranty and firmware support

Hanwha Vision devices and solutions also meet the standards of **FCC white list status**. Our devices use **NTCIP Protocol and NEMA TS2 certifications** to meet considerations.

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Human-Centric Approach to AI

Hanwha Vision has a robust framework for trustworthy AI in video surveillance, prioritizing **ethical, secure, and reliable technology.**

ISO/IEC 42001 certification (Feb 2026)

READ ARTICLE →

Hanwha Vision achieved ISO/IEC 42001 certification for an Artificial Intelligence Management System (AIMS) - the world's first international standard for this system

This certification represents a commitment to a '**human-centric**' approach in AI development.

To uphold these standards, Hanwha Vision has created its own **Responsible AI (RAI) Council** to oversees compliance, risk assessments, and ongoing AI performance, guiding the technical requirements for AI development and deployment.



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Flexible, Open, and Free from Vendor Lock-In

01

THE CHALLENGE

Sometimes educational institutions find themselves with **closed, proprietary surveillance ecosystems** that limit flexibility and increase long term costs.

Common causes include **legacy system limitations or unique manufacturer technology approaches.**

When this happens, IT and security leaders **may struggle to upgrade their systems or implement new, desired technologies** due to budgetary concerns, or compatibility issues.

02

THE Hanwha Vision APPROACH

Hanwha Vision solves this for its customers by having a **broad range of intelligent cameras** available in **numerous form factors**, with **flexible deployment options**, and an **open architecture compatibility approach.**

OUTCOME

This allows **security directors and IT leaders to maintain control** over their school's security systems, enabling **expansion and modernization** without being confined to **proprietary – and limiting - technologies.**

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High-Value Solutions — Built for **Budget Efficiency**

Hanwha Vision delivers **enterprise grade performance at a cost** that aligns with the financial realities of **K–12 districts and higher education institutions.**

Our solutions are engineered **to reduce both upfront investment and long term operational expenses**, making modern campus security accessible and sustainable.

They are designed to **maximize value at every stage of deployment.**

01

Competitive pricing across all performance tiers

from essential models to advanced AI-powered cameras.

02

Lower total cost of ownership

through long product lifecycles, durable construction, and reduced maintenance needs.

03

Efficient bandwidth and storage usage

with **advanced data compression**, cutting infrastructure costs without sacrificing image quality.

04

Flexible upgrade paths

that allow schools to modernize gradually, integrating new devices with existing systems.

05

Reduced camera counts

thanks to multi-sensor and fisheye models that cover more area with fewer devices.

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Unified Approach to Campus Safety

K–12 districts and higher education institutions rely on **tight coordination between IT departments and physical security teams.**

Hanwha Vision helps bridge these two critical disciplines by delivering solutions that satisfy **the technical, cybersecurity, and operational needs of IT leaders**, while equipping **security teams with reliable and effective tools that strengthen safety and reduce complexity.**

Alignment between IT and physical security enables unified campus safety strategies, with scalable, future-ready technologies advancing the mission to:

01 **Protect students, staff, and assets**

02 **Ensure system reliability and cybersecurity**

03 **Support compliance with district, state, and federal regulations**

04 **Cultivate scalable, adaptable safety ecosystems**

05 **Maintain long-term control over technology decisions**

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Committed to Your Long-Term Success

Educational institutions require surveillance partners that offer:

01 **Advanced, reliable imaging technology**

02 **Strong cybersecurity protections**

03 **Proven performance in high Security environments**

04 **Flexible, open architecture systems**

05 **Cost effective options for any campus size**

06 **Robust customer support**

With our **wide range of technology partners**, Hanwha Vision consistently delivers on all of these needs, helping **K-12 schools and higher education institutions** to **achieve their security and operational goals of today and tomorrow.**



Let's talk.

See how Hanwha Vision solutions and our team of education experts can help your team. →

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Global Networks

Hanwha Vision America
Hanwha Vision Europe
Hanwha Vision MEA FZE
Hanwha Vision APAC
Hanwha Vision Mexico
Hanwha Vision Oceania Branch
Hanwha Vision Vietnam (Hanoi Office, Ho Chi Minh Office)

HEAD OFFICE

Hanwha Vision HQ (Korea)
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