

Invented for life



BOSCH



Making schools safer for all

With too many instances of violence in our schools, prevention is critical for educators who must keep students, faculty, and staff safe while fostering favorable learning outcomes. When students feel safe at school, they can focus on learning, resulting in improved academic performance.

Reliable detection for peace of mind

The Gun Detection System from Bosch is the first to pair video and audio AI to prioritize proactive security and safety involving guns at schools. The near-invisible system offers a multi-layered approach to elevate the security and safety of campuses while enabling a smooth, frictionless flow and welcoming atmosphere that promotes learning.

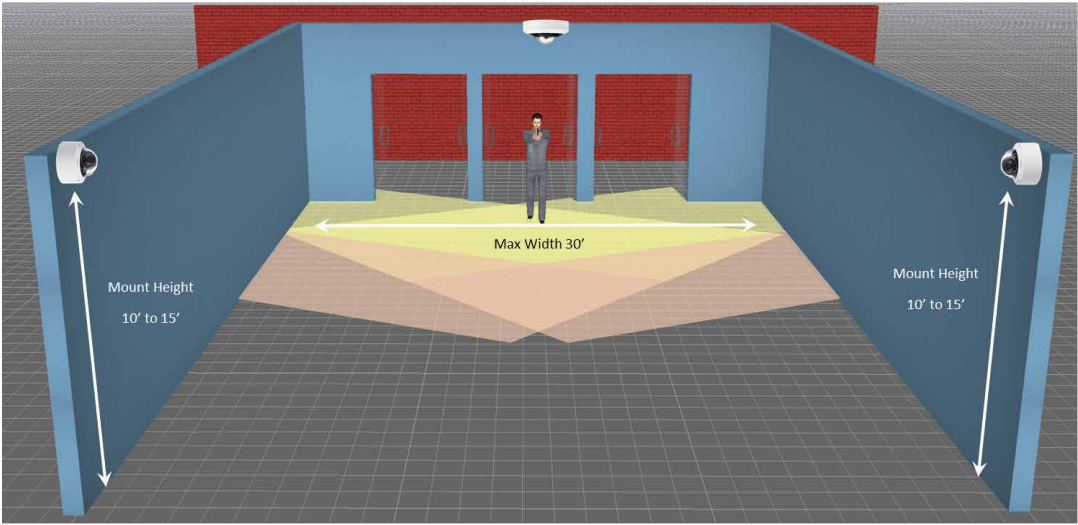
When someone brandishing a gun approaches the school, the system is designed to promptly alert personnel who can verify the gun and take proactive measures. If a gun is not visually detected, audio AI, the second layer, is designed to detect and classify gunshots precisely while accurately estimating the direction from which the sound originates. This capability may enable quick and appropriate responses. And since the system's visual and audio layers are camera-based, security staff can always rely on high-quality video footage for forensics supporting first responders.

The Gun Detection System has been named a CES® 2024 Innovation Awards Best of Innovation Honoree in the AI category and an Innovation Awards honoree in the Human Security for All category.

*The CES Innovation Awards are based upon descriptive materials submitted to the judges. Consumer Technology Association (CTA) did not verify the accuracy of any submission or of any claims made and did not test the item to which the award was given.

The Power of a Layered Approach

Our Gun Detection System can operate independently, but it is also compatible with other systems like video, access control, and public address. These integration paths enable additional responses like human verification, locking doors, initiating automated public address and two-way radio announcements, and dictating smart lockdown and evacuation protocols.



The system includes the following components:

- 2 FLEXIDOME 5100i cameras with Intelligent Video Analytics Pro (IVA Pro) Visual Gun Detection
 - 1 FLEXIDOME panoramic 5100i camera with Intelligent Audio Analytics Gunshot Detector
 - 3 industrial-grade 256GB SD cards for edge recording
 - 3 Bosch VideoView+ licenses for real-time push notifications*
 - Up to 4 hours Bosch Remote Pro Services in a single session for proper configuration
- *Notification and monitoring services may require additional annual fees

Ordering information

KIT-SAFER-GOOD-INT F.01U.420.795	Gun Detection System for interior use: Includes three interior AI-enabled cameras surface-mounted, licensing, edge storage, and services for easy deployment.
KIT-SAFER-GOOD-EXT F.01U.420.796	Gun Detection System for exterior use: Includes three exterior AI-enabled cameras with mounting brackets, licensing, edge storage, and services for easy deployment.

Minimize false alarms with AI alarm verification

Minimizing false alarms is a crucial concern of school security professionals. Our cloud-based AI alarm verification service adds a second pair of eyes to verify questionable alerts, operating like instant replay technology in football games. Acting like a referee, the service works continuously, verifying every alarm on the edge. It is designed to confirm potential threats and rescind or escalate alarms quickly, driving false alarms to near zero. As an add-on service, it pairs seamlessly with our Gun Detection System, creating a hybrid solution unlike other systems requiring a cloud connection. Rest assured, unverified camera alarms may automatically escalate to our edge verification system if a network connection is unavailable. Available now with Milestone XProtect®.

*We have achieved favorable rates of 98%+ in testing. Your false positive rates will vary depending on specific environments.

Ordering information	
CBS-AAV-VGD F.01U.425.230	Cloud-based visual gun verification service for IVA Pro Visual Gun Detection Alarms in Milestone XProtect®

Guided by the **Power to Predict**, we offer video security solutions that empower you to anticipate potential incidents and respond proactively or leverage business intelligence beyond security. Ultimately, we aim to give you the ability to know what's next.

Learn more about our Education solutions and get a demo