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.
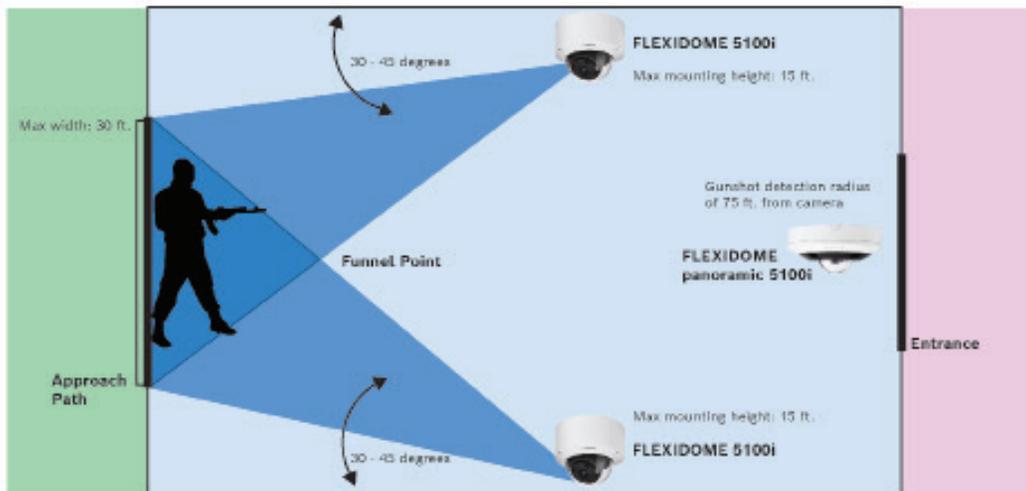
Reliable detection for peace of mind

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 enters 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 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.

Install the system at entrances, high traffic funnel points, and approach paths up to 30-feet wide to provide early warning while remaining nearly transparent and frictionless as opposed to metal detection systems. This system consists of the following components:

- 2 FLEXIDOME 5100i cameras enabled with Intelligent Video Analytics Pro (IVA Pro) Visual Gun Detection is designed to automatically detect upright people with brandished guns. Both cameras focus entirely on a 30-foot funnel point. The horizontal offset is 30 to 45 degrees. The maximum vertical offset is 30 degrees.

- 1 FLEXIDOME panoramic 5100i camera equipped with Intelligent Audio Analytics Gunshot Detector with a gunshot sound detection radius of 75 feet and provides general observation for the entire area.

- 3 industrial-grade 256GB SD cards for integrated edge recording.

- 3 Bosch VideoView+ licenses to enable real-time push notifications to relevant personnel.*

- 4 hours Bosch Remote Pro Services to facilitate proper configuration and implementation and ensure high performance.

*Notification and monitoring services may require additional annual fees

For more information visit Bosch Video Systems and Solutions for Education

Ordering information

Exterior	KIT-SAFER-GOOD-EXT
Interior	KIT-SAFER-GOOD-INT

Elementary and Secondary School Emergency Relief Fund (ESSER) and grant writing support

Interested in upgrading your school security, but need funding? We are partnering with a grant writing agency to help you understand federal funding eligibility, ESSER funding details, and grant opportunities.

Guided by the Power to Predict

AI-driven solutions from Bosch help you make smart decisions and respond proactively to minimize risk and potential damages. Ultimately, we want to empower you to know what's next. We call this the Power to Predict, our guiding principle. And we're here to support you every step of the way.