

Invented for life



BOSCH



Securing learning environments together

Bosch Gun Detection System and Milestone XProtect®

In a time when school violence remains a critical concern, safeguarding students, faculty, and staff becomes paramount for educators. Creating a safe environment ensures everyone's well-being and facilitates better academic outcomes. Students can concentrate on their studies when they feel secure, leading to enhanced academic performance.


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 you a multi-layered approach to elevate the security and safety of campuses while enabling a smooth, frictionless flow and welcoming atmosphere that promotes learning.


Milestone XProtect® helps to create total situational awareness of whatever is happening. This leading video management software (VMS) platform for schools is compatible with the Gun Detection System and all your Bosch cameras and sensors, analytics, multi-layer maps, and analytics and visualizes them in a single, intuitive interface. XProtect® also enables collaboration between departments and as an open platform: It works with other sensor types (e.g., anti vaping sensors) and systems (e.g., access control systems).




Safeguarding schools with a layered strategy

When someone brandishing a gun enters the school, the Gun Detection System is designed to provide an early warning first layer while remaining nearly transparent and frictionless instead of metal detection systems. If a gun is not visually detected, audio AI, the second layer, is designed to detect and classify gunshots while estimating the direction from which the sound originates. Install the system at entrances, high traffic funnel points, and approach paths up to 30 feet wide. Bosch Gun Detection System is available for selected Bosch cameras and requires camera firmware 9.0 or higher.








Layer 1

Camera


FLEXIDOME 5100i or DINION 7100i IR



Analytics


IVA Pro Visual Gun Detection

- Designed to automatically detect upright people with brandished guns




Layer 2

FLEXIDOME panoramic 5100i



Intelligent Audio Analytics Gunshot Detection

- Designed to detect and classify gunshots while estimating the direction from which they originate







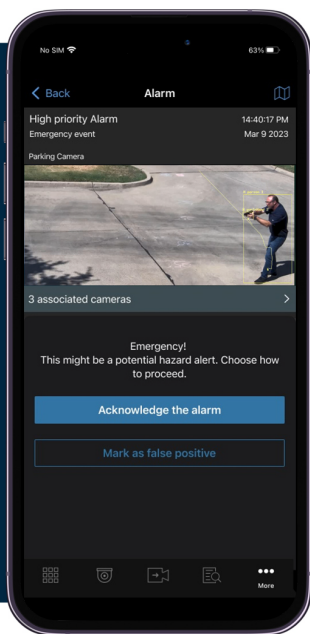
VMS

Milestone XProtect® compatibility is designed to:




- Receive camera alarms automatically in Milestone XProtect® Smart Client and Mobile Client®
- Easily verify alarms on a smart phone through Milestone XProtect® Mobile Client® "Emergency Alert"
- Quickly enabling appropriate responses to help restrict the shooter's movement and guide students to safety

Incident response examples

-  **Lock doors**
Via intrusion panel
-  **Sound alarms**
IP-based horn
-  **Notify Police/SRO**
In Milestone XProtect® Mobile Client® with a visual alert or siren
-  **Connect systems**
Access control and mass notification



*Some of the incident response examples would require additional integrations to XProtect® that might come with an additional cost.

	Order number	Ordering Information
	Bosch KIT-SAFER-GOOD-INT F.01U.420.795	Gun Detection System: Includes three interior AI-enabled cameras surface-mounted, licensing for both IVA Pro Visual Gun Detector and Intelligent Audio Analytics Gunshot Detector, edge storage, VideoView+ notification licensing, and Remote Pro Services for easy deployment.
	Bosch KIT-SAFER-GOOD-EXT F.01U.420.796	Gun Detection System: Includes three exterior AI-enabled cameras with mounting brackets, licensing for both IVA Pro Visual Gun Detector and Intelligent Audio Analytics Gunshot Detector, edge storage, VideoView+ notification licensing, and Remote Pro Services for easy deployment.
		Requires active Milestone XProtect® platform license, device license, and Care+ license. Available on all paid versions of XProtect®, i.e., Express+, Professional+, Expert, and Corporate in releases starting from 2023 R3.

Prompt alerts

The system is designed to promptly alert school management who can verify the alert and activate proactive measures through the Milestone XProtect® Mobile Client® Emergency Alert feature. This capability can help facilities management and campus security to mobilize emergency response plans according to pre-programmed protocols that can restrict shooter movement.

Enable quick and appropriate responses

Milestone XProtect® is designed to enable responses such as human verification through Emergency Alert in the XProtect® Mobile Client®, locking doors, initiating automated public address, and dictating smart lockdown and evacuation protocols.

Bosch Security and Safety Systems

Protecting lives, buildings and assets is our aim. Our product portfolio includes video security, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communications of voice, sound and music complete the range.

For more information visit [Bosch Video Systems and Solutions for Education](https://www.boschsecurity.com)



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