Invented for life

BOSCH

CES INNOVATION AWARDS
2024
BEST OF INNOVATION

Using AI gun detection to help ensure safety and security

All businesses face the challenge of creating safer environments for their employees and visitors while maintaining a productive and welcoming atmosphere. Our award-winning AI Gun Detection System is the first to pair video and audio AI to detect guns and gunshots in various locations.
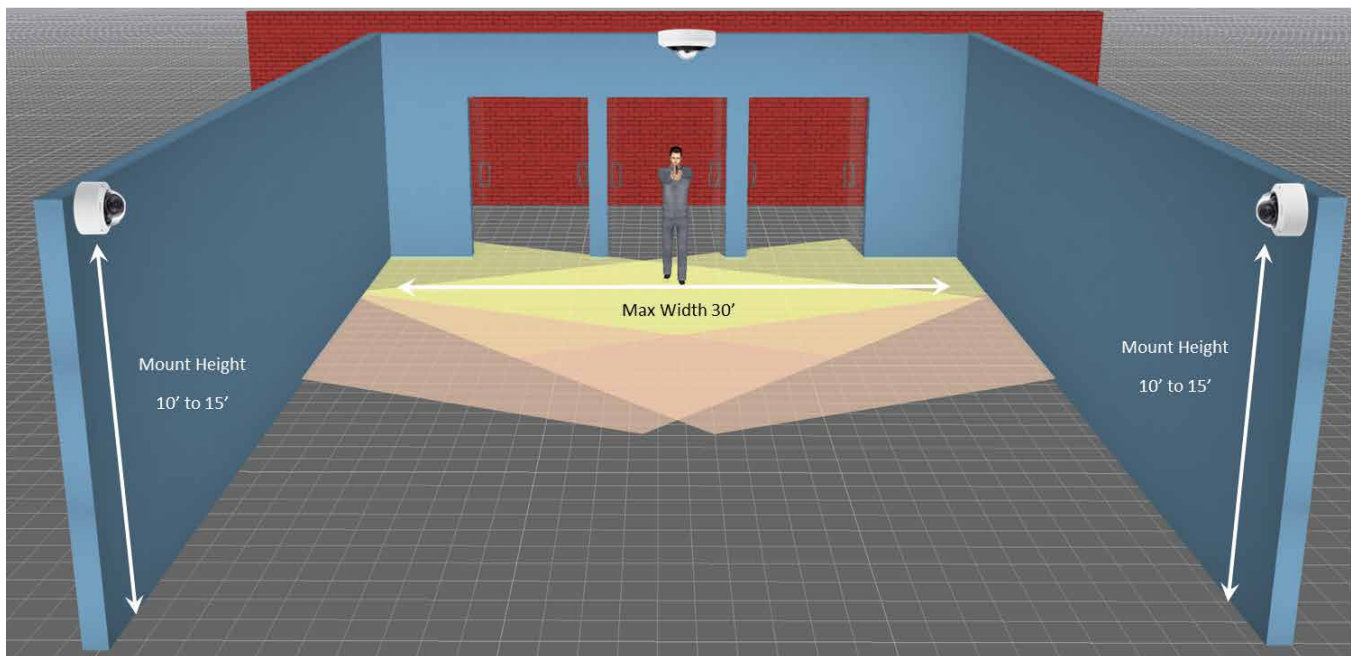
Designed to be nearly invisible, our Gun Detection System offers a discreet alternative to traditional metal detection systems. Its unobtrusive nature ensures a smooth daily flow for employees and visitors in workplaces, schools, and government buildings.

- **Designed to detect firearms and alert personnel for verification**
- **Designed to detect and classify gunshots while estimating the sound's origins**
- **Provides high-quality video for forensics to assist first responders in an emergency**
- **Assists security staff in ensuring the safety of people**

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.

Take your security to the next level with visual and audio AI

When someone brandishing a gun approaches a location, our AI Gun Detection 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 while estimating the direction from which the sound originates.

The Gun Detection System can operate independently, but it is also compatible with other systems like video, access control, and public address. These integration paths may enable quick and appropriate responses, such as executing access control measures, including automatically locking doors to prevent entry, and initiating automated public address and two-way radio announcements. And since the system's visual and audio layers are camera-based, security staff can also rely on high-quality video footage for forensics supporting first responders.

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*
- 4 hours Bosch Remote Pro Services 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.

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.

For more information visit
Bosch Video Systems and
Solutions Gun Detection System