FIREARM DETECTION

ROSA™
Responsive Observation Security Agent

ROSA is the ultimate autonomous response device and the first and only completely self-contained security and communication device in the market. Providing a 180° field of view from the device so you can see more of your site. Using ROSA’s one-way long-range paging you can communicate with people on your property.

AVA™
Autonomous Verified Access

AVA is a compact and stanchion mountable unit that provides an edge-to-edge 180° field of vision with advanced access control over gates and other controlled points of entry. AVA takes full advantage of the RAD Software Suite providing an ideal solution for logistics and distribution centers, storage yards, parking structures and lots, corporate campuses; anywhere that increased visibility is needed at a fraction of the cost.

SCOT™
Security Control Observation Tower

Standing over 7’ tall, SCOT is capable of manning and monitoring locations 24/7, and at a fraction of the cost of manned security personnel. The unit’s 360° field of view through four high-positioned, hi-resolution, full-color, always-on digital cameras place eyes on property and periphery unlike any other product.

ROAMEO™
Rugged Observation Assistance Mobile Electronic Officer

ROAMEO is a mobile security robot that is nearly 7 ft. tall and can easily ‘see’ over most vehicles and people. Designed to autonomously patrol a property or periphery, surveying its surroundings, conducting routine patrols, recording, and reporting back to the security control center. ROAMEO’s dual 21.5” web-connected touch screens provide customizable information and concierge services for guests that it may encounter while on patrol.
Deterrence, Detection and Autonomous Responses that Can Save Minutes and Lives

Every second counts. What if there was more time to react, time to take cover, time to lock down, time to respond, and time to neutralize? Active shooter events unfold at a blistering pace. Taking control of every precious moment between the first detection of a firearm and taking action will mean the difference between life and death.

Firearm detection is now included as part of RAD’s advanced artificial intelligence (AI) software suite, running on all RAD autonomous response security robots.

With RAD’s firearm detection, your facility or school can respond and react to a potential shooter incident before a shot is fired. Because of RAD’s advanced AI-based software and hardware solution, responses and alerts are fully customizable. Alert local security, law enforcement, automatically lock electronic doors, and triggering alarms are all standard responses for RAD devices.

We can give our schools, facilities, students, and citizens those valuable extra seconds or minutes when the RAD security robot autonomously detects, responds and alerts.

Examples of RAD’s Firearm Detection Analytic in Action
Time to React, Time to Respond

Law enforcement, safety, and security experts agree that reducing response times is critical in executing an effective response to what may be an active shooter incident. With a RAD firearm detection system, you’ll shave precious minutes off your response time and safety precautions can go into effect sooner, and law enforcement can respond appropriately with valuable information regarding the firearm suspect, possibly before shots are fired.

“RAD’s firearm detection solution may be that extra advantage the school needs, we all need, if an active shooter event is about to unfold.”

- E. Troy McCanna, former FBI Agent, Multi-Jurisdictional Task Force Coordinator/Supervisor, joined RAD in early 2022
The detection of a firearm still isn’t enough to effectively avert an active shooter event. Facilities and schools need the extra advantage of an autonomous response from the detection device, and RAD has that and more. RAD’s entire line of safety and security robots including ROSA™, SCOT™, ROAMEO™, AVA™, Wally™, TOM+™ and soon RIO™ all are enabled with firearm detection AI analytics plus the ability to respond without the need for, and the possible delay in summoning human respondents.

RAD Devices with FIREARM DETECTION Can Perform the Following Tasks - Autonomously:

- Visual and Audible Alarms at the RAD Device - all custom programmable
- Lock Down Orders to Facility Alarms & Sirens
- Initiate Lock Down Procedures of Electronic Doors and Gates
- Instant FIREARM DETECTED Alerts to Local Law Enforcement and First Responders
- Instant FIREARM DETECTED Alerts to Security Command Center
- Instant SMS Messaging to Authorized Staff
Types of Firearms Detected

‘SmallGun’
Pistol, Handgun, Revolver

‘LongGun’
Rifle, Shotgun

Detection Range
up to 250’
(in ideal conditions)

Conservative estimates, actual results vary by incident. Specifications subject to change without notice.
RADSoC - Firearm Alerts and Other Critical Data at Your Fingertips, on Any Platform

- Real-time visibility
- Easy device customization
- Mobile alerts
- Incident data analysis
- Metrics
- Easily initiate audio ‘talk down’ through RAD device
- Customize autonomous response escalation