



Door Security

Door Detective® SG

Introducing the Door Detective® SG - a discreet device that provides high-level protection for your doors. It passively monitors authorized and unauthorized traffic and is perfect for high-traffic areas that require extra security. The SG is equipped with advanced “Sidegate Detection®” technology that detects side-by-side collusion in both single-door and double-door environments. It seamlessly integrates with your access control system and monitors the movement of individuals and objects passing through unlocked or open doorways. This is a feature your access control system cannot achieve alone, making the Door Detective SG a valuable addition to your security setup.

Advanced intelligence

Door Detective utilizes a network of beam paths to make intelligent alarm decisions about traffic through an open door or double door. Real-time annunciation aids access control anti-passback policy enforcement – allowing event alarms to be activated upon unauthorized entry, rather than exit.

IP enabled

Door Detective SG features Fastlane Connect, IP communications for control, configuration and diagnostics allowing remote monitoring of the doorway on any device in the same network using just a standard web browser. The Fastlane Connect program is a fast growing collection of online apps to further support and monitor use of Door Detective and Fastlane products.

Operation

Door Detective SG is designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your access control system, Door Detective products know how many people to admit and in which direction of travel. Any unexpected movements are instantly met with an audible and visual alarm and signals are passed to your Access Control or CCTV system to acknowledge an alarm condition has occurred.

User-friendly and safe

Door Detective adds security, not hassle:

- Employees and authorized guests pass through Door Detective enclosures with speed and confidence
- Authorization enables passage in the approved direction, whether the door or doors are open or closed
- Authorization buffering allows the door or doors to remain open between users entering or exiting—creating a seamless user experience

Applications

Common applications include: R&D laboratories, hospitals, medical facilities, casinos, office buildings (data centers, records storage, other restricted areas), and airports (employee areas, cargo and baggage areas).



HIGH SECURITY

- Class leading infrared detection systems
- Visual and audible deterrent
 - Detects and deters tailgaters and side by side collusion in very close proximity



PINPOINT ACCURACY

- Accurately assesses traffic through a door or double door
- Provides instant feedback of traffic flow and incidents
 - Differentiates body mass from smaller objects



FEATURES

- Quick and safe operation
- Integrates with Access Control, CCTV and building management systems
 - High processing speed reduces traffic build-up
 - Quick user acceptance



SUPERIOR DESIGN

- Inspired, elegant design
- Seamlessly interacts to secure an open door or double door
 - Helps provide secure and welcome entry



FIELD-PROVEN RELIABILITY

- Quality build lowers whole life costs
- Online diagnostics and support packages
 - Fewer failures mean lower repair costs

Visitor management

Door Detective features a visitor management input. When activated by security personnel this allows an individual or group to pass through the doorway, after which the system returns to its secure state.

Disabled access

Door Detective does not obstruct the doorway, insuring compliance with ADA and most international standards.

DOOR DETECTIVE PLUS TECHNICAL SPECIFICATIONS

Enclosure dimensions Plus model	Weight	Inputs from Access Control
<ul style="list-style-type: none"> Height: 29.6" (752 mm) Width: 2.47" (63 mm) Length: 4.68" (119 mm) 	<ul style="list-style-type: none"> 6.6 lbs/3kg 	<ul style="list-style-type: none"> Entry request (normally open closing for 1 second) Exit request (normally open closing for 1 second) Visitor access in & out (normally open momentary closing contact) Door sensor Fire panel integration- Opto-coupled Input 12-24 V DC @ 25mA nominal

Optics	Environmental	Outputs to Access System
<ul style="list-style-type: none"> Infrared optical matrix – 12 pulsed beam paths Optical performance up to 88.6" (2,250 mm) Infrared wavelength nm: 940 	<ul style="list-style-type: none"> Temperature: 41 F (5 C) to 122 F (50 C) Humidity: 5-95% noncondensing Energy consumption per door: 42kw hours per annum 	<ul style="list-style-type: none"> Entry monitor (normally closed open for 1 second) Exit monitor (normally closed open for 1 second) Alarm 1 (normally closed, opening for 1s) Door contact (normally closed contact)

Speed of throughput*	Power requirements	Display
<ul style="list-style-type: none"> 1 person / second (subject to access control system) Card buffering capacity: 10 cards max 	<ul style="list-style-type: none"> Supply rating: 12 to 24 V DC 4W POE: Class 2 standard device 	<ul style="list-style-type: none"> Tri-color LED diffused through frosted acrylic windows

Tailgate detection distance	Ethernet connection	Audible indicators
<ul style="list-style-type: none"> 0.25" (5 mm) typical (subject to target size and speed) 	<ul style="list-style-type: none"> RJ45 TCP/IP port 	<ul style="list-style-type: none"> Multiple single-tone sounders for status and alarms

Sidegate Detection® Model- Calibration and sensitivity adjustment is provided on the CPU card

- DD Plus SG model units include sensor technology allowing the units to detect attempts to 'sidegate' through the beams, i.e., detecting where two or more people attempt to enter side by side through a protected doorway

* Due to continuous improvements, specifications are subject to change without prior notice.

DETAILS

Door Detective SG dimensions

Please see the Door Detective Plus Drawing Pack for additional details.

