RECONASENSE

DOOR DETECTIVE® PLUS

Intelligent Door Security

Powered by a dedicated high-speed micro-controller, the Plus provides tailgate detection and easily integrates with ReconaSense.

Door Detective Plus

Powered by a dedicated high-speed onboard micro-controller with proven optical systems, it's the most accurate and cost effective solution to use, through an access controlled door. Easily integrated with your access control system, the Door Detective Plus will monitor the passage of people and objects through your door once it is opened. Something that the access control system cannot achieve on its own.

Advanced intelligence

Door Detective utilizes a network of beam paths to make intelligent alarm decisions about traffic through an open 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 Plus features Fastlane Connect, IP communications for control, configuration and diagnostics allowing remote monitoring of the doorway on any device in the same network using standard web browser.

Operation

Door Detective Plus 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
- Enables passage in the approved direction, whether the door is open or closed
- Authorization buffering allows the door to remain open between users entering or exiting– creating a seamless user experience

High Security

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

Pinpoint Accuracy

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

Features

Quick and safe operation
- Head unit can be angled at 90 degrees to aid installation
- High processing speed reduces traffic build-up
- Quick user acceptance

Superior Design

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

Field proven Reliabilty

Uptime and long lifetime improve bottom line
- Quality build lowers whole life costs
- Fewer failures mean lower repair costs

Applications

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

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.
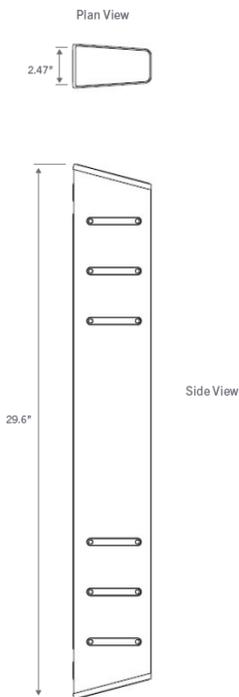
Disabled access

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

DETAILS

DOOR DETECTIVE PLUS DIMENSIONS

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

Plan View

2.47"

29.6"

Side View

DOOR DETECTIVE PLUS TECHNICAL SPECIFICATIONS

Enclosure dimensions Plus Model

- Height: 29.6" (752 mm)
- Width: 2.47" (63 mm)
- Length: 4.68" (119 mm)

Weight

- 6.6 lbs/3kg

Inputs from Access Control

- 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 (normally closed)
- Fire panel integration- Opto-coupled Input 12-24 V DC @ 25mA nominal

Tailgate detection distance

- 0.25" (5 mm) minimum (subject to target size and speed)

Operating modes

- Card in/free exit
- Free entry/card out
- Free entry/no exit
- Free exit/no entry
- Card In/card out

Outputs to Access System

- 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*

- 1 person / second
- Card buffering capacity: 10 cards max

Power requirements

- Supply rating: 12 to 24 V DC 3W
- POE: Class 2 standard device

Display

- Tri-color LED diffused through frosted acrylic windows

Audible indicators

- Multiple single-tone sounders for status and alarms

Optics

- Infrared optical matrix – 12 pulsed beam paths
- Optical performance up to 88.6" (2,250 mm)
- Infrared wavelength nm 940

Environmental

- Temperature: 41 F (5 C) to 122 F (50 C)
- Humidity: 5-95% noncondesing
- Energy consumption per door: 63kw hours per annum

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

RECONASENSE

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Door Detective

ReconaSense is an American company headquartered in Austin, Texas.