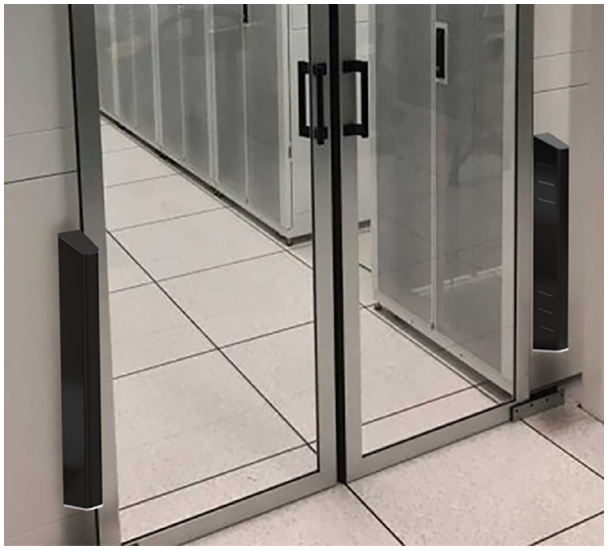
Smarter Security

DATA SHEET

DOOR DETECTIVE

COMPACT | CL | PLUS | **SG**



Door Security

Door Detective® SG

Product Features	SG
Dimensions (D x W x H)	4.68" x 2.47" x 29.60" (119 x 63 x 752mm)
Optical Performance	Up to 88.6" (2250mm)
Tailgate Detection	1/4" (5mm)
Throughput	1 per second

Sustainability

- LEED Preferred Manufacturing
- Low Voltage/Low Power Consumption
- ISO 14001:2015 Accreditation

Advanced Side-by-Side Detection

The Door Detective SG represents a breakthrough in entrance monitoring technology, introducing advanced Sidegate Detection® capabilities that elevate security for single and double-door environments. It discreetly monitors authorized and unauthorized traffic to **prevent tailgating and side-by-side collusion** in high-traffic areas. Utilizing sophisticated optical technology and intelligent processing transforms access points into secure entrances that ensure smooth people flow while maintaining high security.

Advanced Security Technology

The SG model introduces unprecedented detection capabilities through its innovative technology stack.

- Proprietary Sidegate Detection technology for anti-collusion
- Class-leading infrared optical matrix with **12 pulsed beam paths**
- Specialized double-door monitoring capabilities
- Precision tailgate detection within **1/4" (5mm) proximity**

Functionality

Door Detective SG ensures uncompromised security without impeding legitimate access.

- Monitors bi-directional movement through doorways
- Maintains security even when doors are physically open
- Provides instant feedback of traffic patterns and violations
- IP-enabled communications for remote management

Security Benefits

By automating entrance monitoring, Door Detective enhances your security investment while removing the human burden of enforcement.

- Provides consistent **24/7 entrance monitoring**
- Remote monitoring and configuration via web interface
- Interfaces with CCTV and access control systems
- Functions as a virtual security guard
- Strengthens anti-passback policy enforcement

PINPOINT ACCURACY | FEATURES | SUPERIOR DESIGN | FIELD PROVEN RELIABILITY

Smart detection reduces false alarms

- Differentiates body mass from smaller objects
- Real-time authorization and violation tracking

Quick and safe operation

- High processing speed reduces traffic build-up
- Web-based configuration and diagnostics

Inspired, elegant design

- Integrates with doorways to provide both secure and welcoming entry
- Slim, profile complements modern architectural environments

Maximized uptime boosts profitability

- Fewer failures mean lower repair costs
- Quality construction ensures lower whole-life costs

Applications

Door Detective SG excels in environments requiring sophisticated security management..

- Healthcare facilities with controlled access requirements
- Corporate data centers and sensitive areas
- Research and development laboratories
- Multi-tenant office buildings
- Transportation hubs and restricted zones
- Any security-sensitive area where tailgating prevention is essential

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

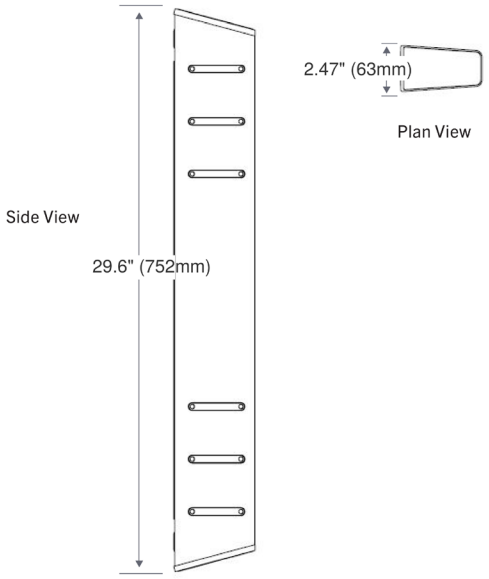
Door Detective does not obstruct the doorway, insuring compliance with ADA and most international standards.

All Door Detective modes are manufactured in the UK by Integrated Design, Ltd.

DETAILS

Door Detective SG dimensions

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



DOOR DETECTIVE SG TECHNICAL SPECIFICATIONS

Enclosure material	Mild steel - Powder Coated Jet Black RAL 9005 -30% Semi-Gloss
Weight (Boxed Unit)	6.6lbs / 3.0kg
Infrared optical matrix – pulsed beam paths	12
Infrared wavelength nm	940
Environmental	
Temperature	41 to 122°F (5 to 50°C)
Relative humidity	5 to 95% non-condensing
Energy consumption per door	42kW hours per annum (excluding lock power)
Ingress protection	IP20 (Internal building applications only)
Power Specifications	
Power supply rating	12Vdc /24Vdc
Door Detective SG	4W (excluding lock power requirements)
POE	Class 2 standard device
Access Control Inputs	
Voltage-free contact; 1mA current sense	Entry & Exit request (NORMALLY OPEN closing for 1 second)
Screw terminal connector	Visitor entry (AUX1) – NORMALLY OPEN momentary closing contact
Max conductor CSA 16AWG/ 1.5mm2	Visitor exit (AUX2) – NORMALLY OPEN momentary closing contact Door sensor input (DS)
Fire panel integration input (AUX3)	Opto-coupled Input12-24Vdc @ 25mA nominal
Ethernet connection	RJ45 TCP/IP POE Port
Access Control Outputs	
Voltage-free contact; Contact Rating 24Vdc 1A	Entry & Exit monitor (NORMALLY CLOSED opening for 1 second)
Screw terminal connector	Alarm 1 (ALR1) – NORMALLY CLOSED opening for 1 second
Max conductor CSA 16AWG/ 1.5mm2	Door contact (ALR2) – NORMALLY CLOSED contact
System Outputs	
Lock Output (LK)	Power supply voltage (12Vdc / 24Vdc) with a maximum current rating of 1A
Status display	RGB LED diffused through frosted acrylic windows
Alarm sounder output	80 – 90 dB

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

Manufactured by Integrated Design Limited. Door Detective is a registered trademark of IDL, 1995.
Door Detective

©Copyright 2026, Smarter Security. All Rights Reserved.
Smarter Security is a registered trademark of Smarter Security, Inc.
Fastlane and Door Detective is a registered trademark of Integrated Design, Ltd.