Smarter Security

DATA SHEET

DOOR DETECTIVE

COMPACT | CL | **PLUS** | SG



Door Security

Door Detective® **Plus**

Product Features	Plus
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

Intelligent Entrance Monitoring

The Door Detective Plus is an advanced anti-tailgating solution featuring a high-speed micro-controller and **IP connectivity**. It effectively combines traditional access control with intelligent space management, utilizing advanced optical systems and network capabilities to accurately detect unauthorized access through open or unlocked doorways. Users can remotely monitor and configure the system through any standard web browser.

Advanced Security Technology

The Plus model leverages state-of-the-art detection systems for unparalleled accuracy.

- Class-leading infrared optical matrix with **12 pulsed beam paths**
- Real-time authorization and violation tracking
- Precision tailgate detection within **1/4" (5mm) proximity**

Functionality

Door Detective Plus delivers enterprise-grade security with seamless operation.

- 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

Smart detection reduces false alarms

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

FEATURES

Quick and safe operation

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

SUPERIOR DESIGN

Inspired, elegant design

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

FIELD PROVEN RELIABILITY

Maximized uptime boosts profitability

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

Applications

Door Detective Plus excels in environments requiring sophisticated security management.

- Corporate data centers requiring precise access monitoring
- Research facilities with stringent security protocols
- Multi-tenant office buildings
- Transportation hubs requiring efficient people flow
- Healthcare facilities managing restricted areas
- 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

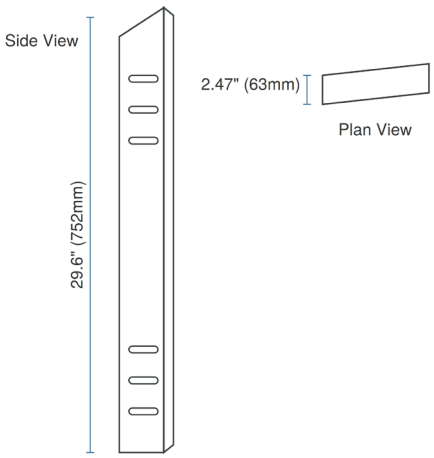
Door Detective does not obstruct the doorway, insuring compliance with ADA and most international standards.

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

DETAILS

Door Detective Plus dimensions

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



DOOR DETECTIVE PLUS 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 Plus	3W (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.

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Door Detective

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