

# Door Detective® Plus

# Door Detective® Plus SG

with Ethernet Connectivity



## Install. Secure. Detect.

The Door Detective Plus is an anti-tailgating device. The Door Detective Plus SG additionally includes sensors to provide Sidegate Detection® of users gaining unauthorised access of a wide portal in a side-by-side fashion, in addition to the detection of traditional tailgate events.

An affordable addition to further secure an access-controlled door in a compact and attractive package mounted on the doorframe.



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 that alarm condition has occurred. Both Door Detective Plus & Door Detective Plus SG features Fastlane *Connect*, IP communications for control, configuration and diagnostics allowing remote monitoring of the doorway on any device on the same network using just a standard web browser.

### Barrier type

GLASS

ARM

OPTICAL

### Secure

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

### Accurate

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

### Features

- Quick and safe operation
- High processing speed reduces traffic build-up
- Quick user acceptance

### Aesthetics

- Inspired, elegant design
- Helps provide secure and welcome entry

### Reliability

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



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### Physical

Enclosure material	Mild steel - Powder Coated Jet Black RAL 9005 -30% Semi-Gloss
Dimensions D x W x H	119 x 63d x 752mm / 4.68 x 2.47 x 29.60 Inches
Weight (RX/TX head unit)	<3.0kg/6.6lbs
Optical performance	Up to 2250mm
Infrared optical matrix – pulsed beam paths	12
Infrared wavelength nm	940
Tailgate detection distance	5mm/0.25" typical (subject to target size and speed)

### Pedestrian Throughput

Optical system performance	1 person per second (subject to access control system)
Typical application	12 persons per minute (allowing for door closure after each person)
Card buffering capacity	10 cards max
Function	As detailed in the installation manual

### 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
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### Power Specifications

Power supply rating	12Vdc /24Vdc
Door Detective Plus	3W (excluding lock power requirements)
Door Detective Plus SG	4W (excluding lock power requirements)
POE	Class 2 standard device

### Environmental

Temperature	5 to 50 degrees Celsius
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)

### Inputs

Voltage-free contact;	Entry request (<IP) – NORMALLY OPEN closing for 1 second
1mA current sense	Exit request (IP>) – 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

### Outputs

Voltage-free contact;	Entry monitor (<ENT) – NORMALLY CLOSED opening for 1 second
Contact Rating 24Vdc 1A	Exit monitor (ENT>) – 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
Lock Output (LK)	Power supply voltage (12Vdc / 24Vdc) with a maximum current rating of 1A
Turnstile status display	RGB LED diffused through frosted acrylic windows
Alarm sounder output	80 – 90 dBA

Technical Specification Version B1

Manufactured by Integrated Design Limited.



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Issue B1

Installation photos may not represent current production models.  
Please note specifications are subject to change without prior notice and performance features vary from model to model.

Local Reseller

