

Door Detective® Plus

with Ethernet Connectivity



Install. Secure. Detect.

The Door Detective Plus is the most recent addition to the Door Detective range of anti-tailgating products. Powered by a dedicated high-speed onboard micro-controller with proven optical systems, the Door Detective Plus is the most accurate and most cost effective solution to monitoring users through an access controlled door. Easily integrated with your access control system, the Door Detective Plus will monitor the passage of people through your door once it is opened. Something that the Access Control System cannot achieve on its own.



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. Door Detective Plus now 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
Dimensions D x W x H
Weight (RX/TX head unit)
Optical performance
Infrared optical matrix – pulsed beam paths
Infrared wavelength nm
Tailgate detection distance

Stainless steel 304, 240 grit (satin no. 4), horizontal grain
108 x 61 x 750mm / 4.25 x 2.40 x 29.50 Inches
<3.0kg/6.6lbs
Up to 2250mm
12
940
20mm/0.79" typical (subject to target size and speed)

Pedestrian Throughput

Optical system performance
Typical application
Card buffering capacity
Function

1 person per second (subject to access control system)
12 persons per minute (allowing for door closure after each person)
10 cards max
As detailed in the configuration manual

Power Specifications

Power supply rating
POE

12 to 24Vdc 4W
Class 2 standard device

Environmental

Temperature
Relative humidity
Energy consumption per door
Ingress protection

5 to 50 degrees Celsius
5 to 95% non-condensing
63kW hours per annum
IP20 (Internal building applications only)

Inputs

Voltage-free contact;
1mA current sense
Screw terminal connector
Max conductor CSA 16AWG/ 1.5mm²

Fire panel integration input (AUX3)
Ethernet connection

Entry request (<IP) – NORMALLY OPEN closing for 1 second
Exit request (IP>) – NORMALLY OPEN closing for 1 second
Visitor entry (AUX1) – NORMALLY OPEN momentary closing contact
Visitor exit (AUX2) – NORMALLY OPEN momentary closing contact
Door sensor input (DS)
Opto-coupled Input 12-24Vdc @ 25mA nominal
RJ45 TCP/IP POE Port

Outputs

Voltage-free contact;
Contact Rating 28Vdc 0.5A
Screw terminal connector
Max conductor CSA 16AWG/ 1.5mm²

Lock Output (LK)

Turnstile status display
Alarm sounder output

Entry monitor (<ENT) – NORMALLY CLOSED opening for 1 second
Exit monitor (ENT>) – NORMALLY CLOSED opening for 1 second
Alarm 1 (ALR1) – NORMALLY CLOSED opening for 1 second
Door contact (ALR2) – NORMALLY CLOSED contact

Power supply voltage (12 to 24Vdc) with a maximum current rating of 1A

RGB LED diffused through frosted acrylic windows
80 – 90 dBA

Technical Specification Version A7

Manufactured by Integrated Design Limited.



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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

