

Door Detective® CL



Install. Secure. Detect.

The Door Detective CL is housed in a pair of high impact resistant clear acrylic tubes with an attractive silver mesh inside concealing the electronic systems. Utilising an infrared beam matrix, DD CL can detect movement between its head units and differentiate between people and objects passing through. Any perceived breach of security will be signalled with optical and audible alarms. Door Detective helps your access control system to secure an open door.



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.

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
- Head unit can be angled at 90 degrees to aid installation

Aesthetics

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

Reliability

- Quality build lowers whole life costs
- Fewer failures mean lower repair costs



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Physical

Enclosure materials	Clear acrylic
Tube	Black painted aluminium
Back panel	Clear frosted acrylic
Caps	665 x 71 x 101mm / 26.2 x 2.8 x 4.0 Inches
Dimensions L x W x H	5.2kg / 11.5lbs
Weight (Boxed unit)	Up to 2500mm
Optical performance	8
Infrared optical matrix – pulsed beam paths	940
Infrared wavelength nm	50mm/1.97" typical (subject to target size and speed)
Tailgate detection distance	

Pedestrian Throughput

Optical system performance	1 person per second (subject to response time of 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 configuration manual

Power Supply (Included)

Mains power input requirement	100-240Vac, 47-63Hz, 5A fused spur connection
Rated output voltage	12Vdc 1.25A (max)

Environmental

Temperature	5 to 50 degrees Celsius
Relative humidity	5 to 95% non-condensing
Energy consumption per door	31.5kW hours per annum
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
	Visitor exit (AUX2) – NORMALLY OPEN momentary closing contact
	Door sensor (DS) – NORMALLY CLOSED

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 (ALR) – NORMALLY CLOSED opening for 1 second
	Door contact mimic – NORMALLY CLOSED
	Door Lock (LK) – Selectable as detailed in the configuration manual (Normally Closed for maglock operation and Normally open for strike operation). Rated 24Vdc 1A max.
Wait timer	Adjustable from 6 to 12 seconds as detailed in the configuration manual
Wait timer between Visitor Access	Adjustable from 3 to 7 seconds as detailed in the configuration manual
Status display	Tri-color 8mm LEDs (Red, Amber and Green)
Alarm sounder output	80 – 90 dB

Technical Specification Version A1

Manufactured by Integrated Design Limited.



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Issue A1

Local Reseller

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.