

Door Detective[®] Compact



Install. Secure. Detect.

The Door Detective Compact by IDL draws on years of manufacturing experience in the field of infrared detection systems. By utilizing a network of beam paths the Door Detective Compact (DDC) can make intelligent decisions as to traffic numbers and type through an open door.



However good your current access control system is, it loses control once the door is open. DDC seamlessly interacts to secure the open door. By receiving information from your access control system, DDC knows how many people, in which direction of travel, to admit. Any unexpected movements are instantly met with an audible and visual alarm from the DDC and signals passed to your access control or CCTV system to acknowledge an 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

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 material	Stainless steel 304, 240 grit (satin no.4), horizontal grain
Head Unit(s)	ABS plastic
Control Box	
Dimensions L x W x H	
Head Unit(s)	302 x 61 x 109mm / 11.9 x 2.4 x 4.3 Inches
Control Box	180 x 130 x 60mm / 7.0 x 5.1 x 2.3 Inches
Weight (Boxed Unit)	4kg / 8.8lbs
Optical performance	Up to 2250mm
Infrared optical matrix – pulsed beam paths	6
Infrared wavelength nm	940
Tailgate detection distance	50mm/1.97" typical (subject to target size and speed)

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, 60/50Hz, 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)

Outputs

Voltage-free contact;	Entry monitor (<ENT) – NORMALLY CLOSED opening for 1 second
Contact Rating 28Vdc 0.5A	Exit monitor (ENT>) – NORMALLY CLOSED opening for 1 second
Screw terminal connector	Alarm 1 (ALR1) – NORMALLY CLOSED opening for 1 second
	Alarm 2 (ALR2) – NORMALLY CLOSED opening for 1 second
Door Lock Relay	Relay output to be used for switching a door lock power, using a 3rd party power supply. Rated up to 24Vdc 1A
Status display	Multi-colour LEDs for status and fault finding
Alarm sounder output	80 – 90 dB

Technical Specification Version A2

Manufactured by Integrated Design Limited.



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Issue B2

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

