

Door Detective® OC Occupancy Control



Install. Secure. Detect.

Door Detective Occupancy Control (OC) is based on the unique Door Detective range of products manufactured by IDL. A pair of multi infrared beam head units are positioned either side of your entranceway on stands and will monitor movement of people in and out of your room or premises. A small control and display panel can be mounted in a convenient location and will display the threshold level and current occupancy.



Once the pre-set threshold level is reached the units will sound an alarm and flash red at the head units to deter further entry. When the occupancy level is reduced the units will reset and clear the alarms.

A very quickly deployed and accurate system to ensure your desired occupancy levels are within your control. The DD OC can be used for any room or entranceway that you need to monitor. Simple to program and operate for peace of mind.

The DD OC can be supplied with stands for quick and easy installation or the head units can be attached directly to a doorway for a more permanent installation.

Barrier type

GLASS

ARM

OPTICAL

Secure

- Class leading infrared detection systems
- Detection of people and objects
- Visual and audible alarms

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	Black powdercoated steel & Acrylic
Occupancy Display Unit	Stainless steel 304, 240 grit (satin no.4), horizontal grain
Head Unit(s)	
Dimensions D x W x H	28 x 150 x 48mm / 1.10 x 5.90 x 1.88 Inches
Occupancy Display Unit	109 x 61 x 302mm / 4.3 x 2.4 x 11.9 Inches
Head Unit(s)	4kg / 8.8lbs
Weight (Boxed Unit)	Maximum recommended distance 914mm (36")
Optical performance	6
Infrared optical matrix – pulsed beam paths	940
Infrared wavelength nm	

Pedestrian Throughput

Optical system performance	1 person per second
Typical application	30 persons per minute

Power Supply (Included)

Mains power input requirement	100-240Vac, 60/50Hz
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)

Outputs

Voltage-free contact;	Alarm 1 (ALR1) – NORMALLY CLOSED (Obstruction Alarm)
Contact Rating 28Vdc 0.5A	Alarm 2 (ALR2) – NORMALLY CLOSED (Threshold Alarm)
Screw terminal connector	
Status display	Multi-colour LEDs for status and fault finding
Alarm sounder output	80 – 90 dB

Technical Specification Version A0

Manufactured by Integrated Design Limited.



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Issue A0

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.