



## Door Security

# Door Detective® CL

**Product Features**
**CL**

Dimensions (D x W x H in inches)	4.0 x 2.8 x 26.2
Optical Performance	Up to 98.4" (2500mm)
Tailgate Detection	1.97"
Throughput	1 per second

**Sustainability**


- LEED Preferred Manufacturing
- Low Voltage/Low Power Consumption
- ISO 14001:2015 Accreditation

## Intelligent Entrance Security Redefined

The Door Detective CL is a sophisticated entrance monitoring system that combines premium aesthetics with top-notch security. Its clear acrylic design and silver anodized aluminum mesh enhance access control while maintaining the refined look of high-security areas. Utilizing advanced infrared technology, the CL model offers enterprise-grade protection and serves as an intelligent space management solution that balances both form and function.

### Advanced Security Technology

Utilizes a sophisticated detection systems to transform any doorway into an intelligently monitored security point.

- Network of **8 pulsed multi-infrared beams** synchronized for detection
- Environmentally hardened optics prevent sunlight interference
- Precision tailgate detection within **1.97" proximity**

### Functionality

Door Detective CL ensures smooth operation while maintaining rigorous security protocols.

- Supports multiple operating modes including card in/free exit configurations
- Monitors bi-directional movement through doorways
- Maintains security even when doors are physically open
- Provides instant feedback of traffic patterns and violations

### Security Benefits

By automating entrance monitoring, Door Detective enhances your security investment while removing the human burden of enforcement.

- Provides consistent **24/7 entrance monitoring**
- Triggers immediate response to security violations
- Interfaces with CCTV and access control systems
- Functions as a virtual security guard
- Strengthens anti-passback policy enforcement


**PINPOINT ACCURACY**
**Smart detection reduces false alarms**

- Differentiates body mass from smaller objects
- Real-time authorization and violation tracking


**FEATURES**
**Quick and safe operation**

- High processing speed reduces traffic build-up
- Head unit can be angled at 90 degrees to aid installation


**SUPERIOR DESIGN**
**Inspired, elegant design**

- Integrates with doorways to provide both secure and welcoming entry
- Slim, profile complements modern architectural environments


**FIELD PROVEN RELIABILITY**
**Maximized uptime boosts profitability**

- Fewer failures mean lower repair costs
- Quality construction ensures lower whole-life costs

## Applications

Door Detective CL excels in environments where security cannot compromise aesthetics.

- Corporate headquarters and executive areas
- Research and development facilities
- Premium office spaces and data centers
- Fitness centers and member clubs
- First-class airport lounges and restricted areas
- Any security-sensitive area where tailgating prevention is essential

## Visitor Management

Door Detective features a visitor management input. When activated by security personnel this allows an individual or group to pass through the doorway, after which the system returns to its secure state.

## Disabled Access

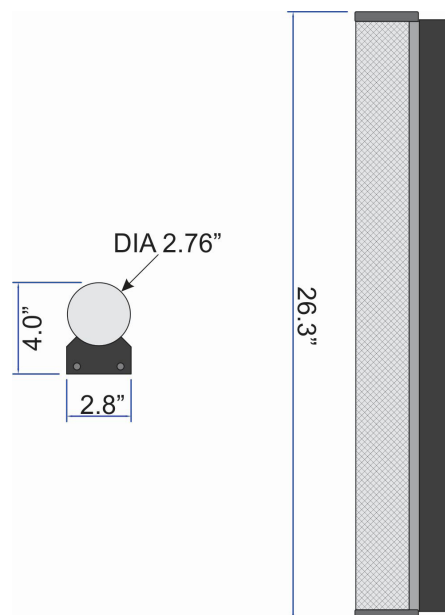
Door Detective does not obstruct the doorway, insuring compliance with ADA and most international standards.

All Door Detective modes are manufactured in the UK by Integrated Design, Ltd.

## DETAILS

### Door Detective CL dimensions

Please see the Door Detective CL Drawing Pack for additional details.



## DOOR DETECTIVE CL TECHNICAL SPECIFICATIONS

Enclosure material:	
Tube	Clear acrylic
Back panel	Black painted aluminium
Caps	Clear frosted acrylic
Weight (Boxed Unit)	11.5lbs / 5.2kg
Infrared optical matrix – pulsed beam paths	8
Infrared wavelength nm	940

### 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)

### Power Supply (Included)

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

### Access Control Inputs

Voltage-free contact; 1mA current sense	Entry & Exit request (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

### Access Control Outputs

Voltage-free contact; Contact Rating 24Vdc 1A	Entry & Exit monitor (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.

### System Outputs

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

\* Due to continuous improvements, specifications are subject to change without prior notice.