

Door security

## Door Detective®

### The missing link in access control

Door Detective is a doorway-mounted tailgate detection and direction control system that further secures an access-controlled door.



Plus Model



CL Model



Compact Model

#### The secure door challenge

Few people are comfortable shutting the door on people following behind them, yet employees and tenants are burdened with that decision every day. Door Detective places security enforcement back where it belongs – with your access control system and security personnel. It's like having a security officer at any door.

#### Advanced intelligence

Door Detective utilizes a network of beam paths to make intelligent alarm decisions about traffic through an open door. Real-time annunciation aids access control anti-passback policy enforcement – allowing event alarms to be activated upon unauthorized entry, rather than exit.

#### Operation

Door Detective better protects employees and valuable assets by enhancing the security of any access-controlled door and maximizing the security investment.

When access is granted, one person can pass through the doorway in the approved direction without alarm. Door Detective monitors how many people pass and in which direction for each valid authorization, and sounds an alarm if there is a violation.

An optional secondary relay can also activate subsequent actions such as triggering CCTV or locking doors. Door Detective should be considered for any interior area where an intruder could slip through unnoticed.

#### User-friendly and safe

Door Detective adds security, not hassle:

- › Employees and authorized guests pass through Door Detective enclosures with speed and confidence
- › Authorization enables passage in the approved direction, whether the door is open or closed
- › Authorization buffering allows the door to remain open between users entering or exiting – creating a seamless user experience



#### High security

Advanced technology for superior entry control

- › Detects tailgaters following behind authorized personnel
- › Integrates with local or remote alarm outputs, CCTV, and other systems



#### Pinpoint accuracy

Intelligence virtually eliminates false alarms

- › Differentiates body mass from smaller objects
- › Increases acceptance, avoiding guard tune out



#### Unsurpassed throughput

Entry speed improves user experience

- › High processing speed reduces traffic build-up
- › Lack of physical barrier ensures quick user acceptance



#### Superior design

Refined, slim designs accentuate office

- › Three aesthetically different models
- › Population counting unit available



#### Great return on investment

Further protecting your most valuable assets

- › Relatively inexpensive to install and own
- › Cat 5 interconnections simply installation

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### Applications

Common applications include: R&D laboratories, casinos, fitness centers, office buildings (data centers, records storage, other restricted areas), and airports (employee areas, cargo and baggage areas).

### 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, ensuring compliance with ADA and most international standards.

### Model comparison

	CL	Compact	Plus
<b>Size (H x W, in.)</b>	26.3 x 2.8	11.9 x 2.4	29.5 x 2.4
<b>Materials</b>	Black painted aluminum, acrylic and aluminum mesh	Stainless steel, ABS plastic end caps	Stainless steel, ABS plastic end caps
<b>Visual status indicators</b>	Yes	Yes	Yes
<b>Anti-crawl</b>	Standard	No	Standard
<b>TX/RX connections</b>	Cat 5	Cat 5	Cat 5
<b>POE</b>	No	No	Yes
<b>IP Connect</b>	No	No	Yes

### Technical specifications

#### Dimensions

- CL Model**
- > Height: 26.3" (669 mm)
  - > Width: 2.8" (71 mm)
  - > Depth: 4" (101 mm)
  - > Diameter of Tube: 2.76" (70 mm)

#### Compact Model

- Head Units**
- > Height: 11.9" (302 mm)
  - > Width: 2.4" (61 mm)
  - > Depth: 4.3" (108 mm)

#### Plus Model

- > Height: 29.5" (750 mm)
- > Width: 2.4" (61 mm)
- > Depth: 4.3" (108 mm)

#### CPU

- > Height: 7.09" (180 mm)
- > Width: 2.36" (60 mm)
- > Depth: 5.12" (130 mm)

#### Distance Between Units

- CL /Compact Models**
- > 35.8" (910 mm) recommended for single door
  - > 98.4" (2500 mm) max

#### Plus Model

- > 82.68" (2100 mm) max

Note: Install to ensure single file entry

#### Optics

- > Pulsed multi-infrared beams, synchronized for detection
- > Environmentally hardened to avoid sunlight interference

#### Operating Modes

- > Card In/Free Exit
- > Free Entry/Card Out
- > Free Entry/No Exit
- > Free Exit/No Entry
- > Card In/Card Out

#### Visual Status Indicators

##### CL Model

- > Tri-Color LED status indicator

##### Compact/Plus Models

- > Multi-color LEDs for status and fault finding

#### Audible Indicators

##### CL Model

- > Short Single Tone: Card Authorization
- > Longer Single Tone: Alarm Condition

##### Compact/Plus Models

- > Multiple single-tone sounders for status and alarms

#### Remote Controls

##### CL Model

- > Fastlane® Remote Control

##### Compact Model

- > Fastlane® Remote Control
- > Fastlane® Touch-screen

##### Plus Model

- > Fastlane® Remote Control
- > Fastlane® Touch-screen
- > Fastlane® Multilane Control

#### Power Requirements

- > Input: 100 to 240 V AC @ 0.4 A
- > Output: 12 V DC @ 1.25 A max

#### Compact Model

- > Needs external processor/power supply box

#### Inputs from Access Control

- > Entry Request (NORMALLY OPEN, volt free)
- > Exit Request (NORMALLY OPEN, volt free)
- > Door Contact (NORMALLY CLOSED, volt free)
- > Two Auxiliary Inputs (volt free)

#### Outputs to Access Control

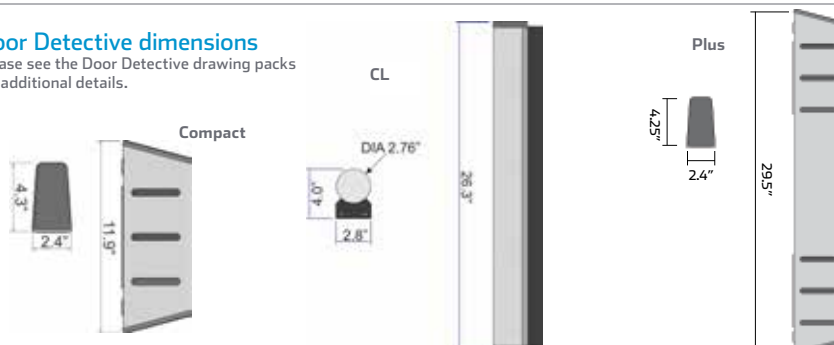
- > Alarm (NORMALLY CLOSED)
- > Lock Output 12 V @ 0.5 A nom (1 A max)
- > Entry Door Monitor (NORMALLY OPEN)
- > Exit Door Monitor (NORMALLY OPEN)
- > Reader Hold (NORMALLY OPEN) (EL only)
- > Door Contact Mimic (NORMALLY OPEN) (CL only)
- > Auxiliary Fault Alarm (NORMALLY CLOSED) (Compact only)

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

### Details

#### Door Detective dimensions

Please see the Door Detective drawing packs for additional details.



Manufactured by Integrated Design Limited. Door Detective is a trademark of IDL, 1995.

