

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.



CL Model



Compact Model



EL 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 guard 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 access 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



#### Fastest entry

Greater return on investment

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



#### Unsurpassed elegance

Refined, slim designs accentuate office

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



#### Field-proven reliability

Uptime and long lifetime improve bottom line

- > Fewer failures mean lower repair costs
- > Minimizes need for extra guards

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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

	EL	CL	Compact
<b>Size (H x W, in.)</b>	27.7 x 3.9	26.3 x 2.8	11.9 x 2.4
<b>Materials</b>	Black acrylic	Black painted aluminum, acrylic and aluminum mesh	Stainless steel, ABS plastic end caps
<b>Visual status indicators</b>	No	Yes	Yes
<b>Anti-crawl</b>	No	Yes	Available
<b>IP rating</b>	55 (available)	None	None
<b>TX/RX connections</b>	6 core (22 AWG)	Cat 5	Cat 5

### 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)

#### EL Model

- > Height: 27.68" (703 mm)
- > Width: 3.9" (100 mm)
- > Depth: 2.95" (75 mm)

#### Compact Model

- Head Units**
- > Height: 11.9" (302 mm)
  - > Width: 2.4" (61 mm)
  - > Depth: 4.3" (109 mm)

#### CPU

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

#### Distance Between Units

- > 98.4" (2,500 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: Tri-Color LED status indicator
- > Compact: Multi-color LEDs for status and fault finding

#### Audible Indicators

- EL/CL Model**
- > Short Single Tone: Card Authorization
  - > Longer Single Tone: Alarm Condition

#### Compact Model

- > Multiple single-tone sounders for status and alarms

#### TX/RX Unit Signals

- > Data, Sync and 12 V DC: 6-conductor cable, 22 AWG (EL), Cat 5 cable with RJ45 connectors (CL and Compact)
- > CPU to touchscreen (optional): 2-conductor and ground shield 65.6 ft (20 m) (Compact only)

#### Power Requirements

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

#### Inputs

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

#### Outputs

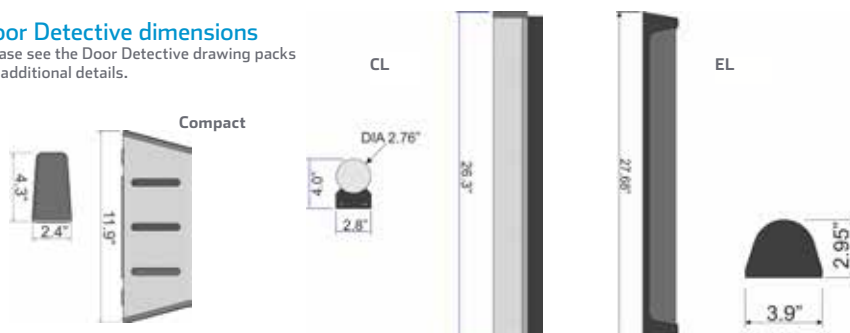
- > Alarm (NORMALLY CLOSED)
- > Lock Output 12 V @ 0.5 A nom (1 A max)
- > Entry Door Monitor (NORMALLY OPEN)
- > Exit Door Monitor (NORMALLY OPEN)
- > Reader Hold (NORMALLY OPEN) (EL only)
- > Door Contact Mimic (NORMALLY OPEN) (CL only)
- > Auxiliary Fault Alarm (NORMALLY CLOSED) (Compact only)

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.

