



This guide will help integrators succeed in installing Door Detective CL. The full installation manual that ships with the product has detailed instructions.

Installation Time

First-time installers should expect to spend 45-60 minutes mounting and powering Door Detective CL and another 1-2 hours on access control system integration.

Door Security

Door Detective CL[®]

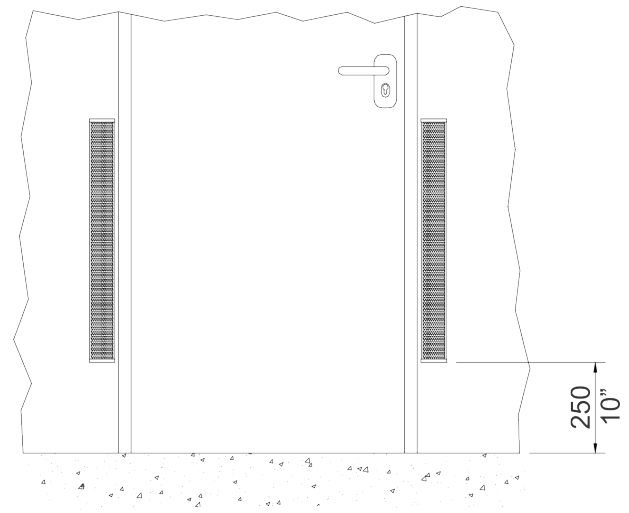
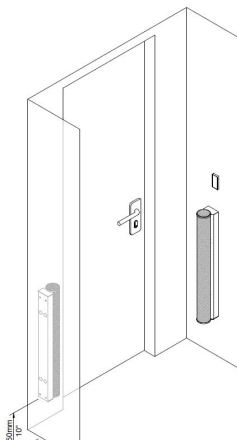
Physical Mounting

There are two units that must be mounted:

- Local unit (receive) - for primary connections
- Remote unit (transmit)
- Always mount the LOCAL/receive unit on the RIGHT.

Both units must be mounted:

- On the side of the doorway opposite the swing
- As close to the door frame as possible
- Exactly **10" (250 mm)** from the floor to the bottom of unit
- No more than 72" apart



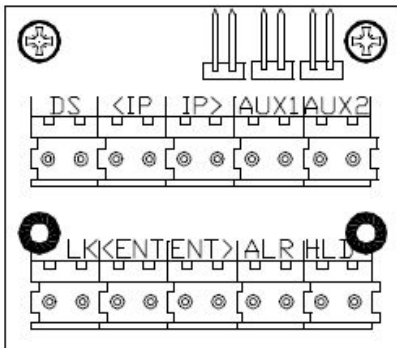
There is an option of rotating the units so they mount to adjacent walls perpendicular to the doorway. See drawing at left and details in Door Detective CL-IP manual, pgs 9-10 (CL).

It is **STRONGLY** recommended you use the 12 Vdc 1.25A power supply that comes with the system. If you plan to use an alternative power supply, please contact Smarter Security.

Access Control System (ACS) Integration

Only two of the ten inputs/outputs are typically used:

- 2 wires input, normally open, for the request to enter (<IP)
- 2 wires output for the alarm (AL1 most often)



The Door Sensor and Lock Output do not have to be used as the ACS typically covers these functions.

Exit options

1. Free egress

An input from the ACS is not required for free egress. A simple wire short on the request-to-exit input (IP>) is all that is needed.

2. Card out

Card out is achieved by creating two logical doors (as output from the ACS) to represent the single physical door. Connect the two wires to the request-to-exit input (IP>).

Door Detective CL units connect together with a Cat 5 cable that ships with the system.

IMPORTANT:

Every ACS connection is dry.

Connector	Description
DS	Door sensor
<IP	Single authorized entry
IP>	Single authorized exit
AUX1	Visitor entry
AUX2	Visitor exit
LK	Lock output
<ENT	Person count entry
ENT>	Person count exit
ALR	Alarm
HLD / RL5	Door contact mimic

More detailed descriptions are on pgs 19-20 of the Door Detective CL-IP manual.

Note: certain ACS require special configuration for Door Detective to function properly. Contact Smarter Security for additional documents that assist further.