



Door Security

Door Detective Compact[®]

Physical Mounting

There are two elements that must be mounted:

- Remote unit (transmit)
- CPU (control box)

The head units must be mounted:

- On the side of the doorway opposite the swing
- As close to the door frame as possible
- Exactly **26.1" (663 mm)** from the floor to the bottom of head unit (the lowest point is the back of the head unit)
- No more than 76" apart
- Always mount the LOCAL /receive unit on the RIGHT

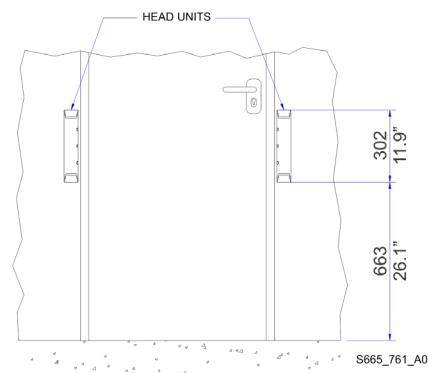
Power & Cable

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

This guide will help integrators succeed in installing Door Detective Compact. 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 Compact and another 1-2 hours on access control system integration.



Door Detective Compact also ships with two 33-ft (10 m) Cat 5 cables to connect the CPU to head units.

It is recommended to use the **Control Box Connections method** (manual: fig. 8, pg 15) where the head units are NOT connected to each other.

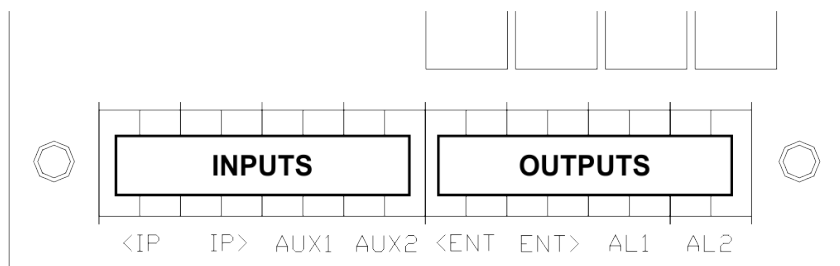
Access Control System (ACS) Integration

Only two of the eight 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)

IMPORTANT:

Every ACS connection is **dry**.



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>).

Connector	Description
<IP	Single authorized entry
IP>	Single authorized exit
AUX1	Visitor entry
AUX2	Visitor exit
<ENT	Person count entry
ENT>	Person count exit
AL1	Main alarm
AL2	Fault alarm

More detailed descriptions are found in Fig. 15c, pg 21 of the manual.

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