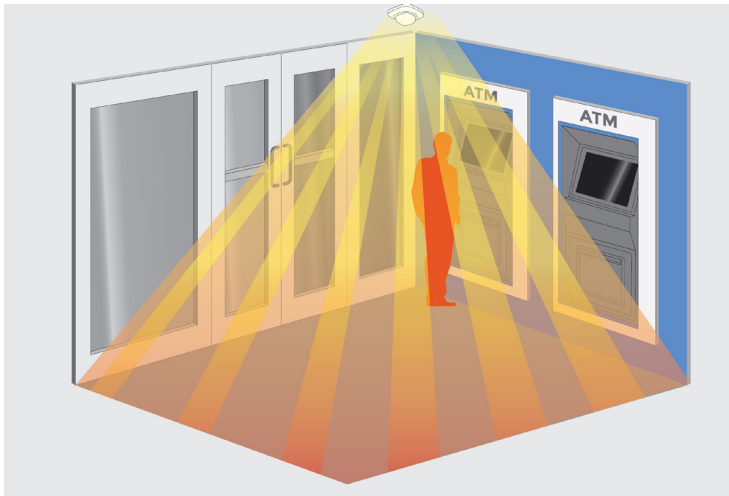


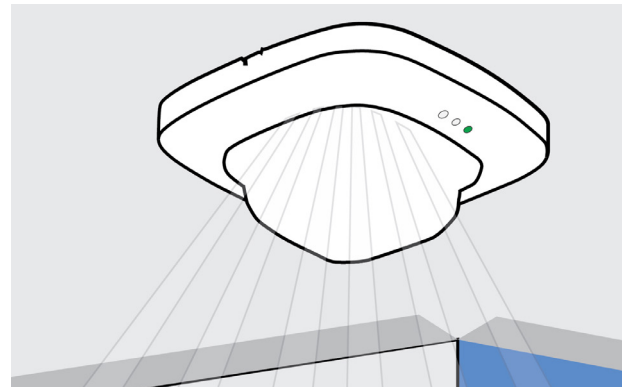


## Presence Detector for use in an ATM Lobby Vestibule.

- Remotely detect Vagrants within your ATM / Tellerless Branches
- Restrict access to your ATM Lobbies, Mini Video Conference Rooms, Public Bathrooms, Meeting Rooms to one person or a group of people who enter the room at one time



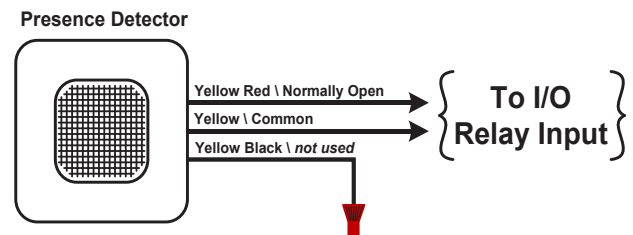
Presence Detector



The High Definition Presence Detector is a ceiling-mounted device that requires positioning directly over the activity area which is to be monitored. This device is a Low voltage passive infrared detector with a high-performance lens system creating 1,760 switching zones. The innovative mechanical reach setting provides you with a precise method of controlling lighting zones by means of optimizing the sensors detection without compromising sensitivity providing true precise presence detection in the desired detection zone.

### Connecting the Presence Detector Control Lines to the ACS-1E

- (1) The ACS-1E I/O Relay Board option (or ACS-1E.UL I/O Relay Board option) is required when one or more Presence Detection units are to be connected to an Access Control Panel.
- (2) The I/O Relay Board provides up to four input ports for the Dry Contact Relay control lines in each Presence Detection unit. The I/O Relay INPUTS require use of the normally-open contact relay lines.
- (3) For large vestibules requiring two Presence Detectors, two units may be effectively wired into a single input port. (Parallel-wired port)



## Configuring the ACS-1E for Presence Detection:

- (1) The I/O Relay Board configuration is handled via the “Sensor Configuration” map within ACS Enterprise. Note the I/O Relay INPUT array at the bottom of the screen.
- (2) Note that the “Inhibit” function for INPUT 2 (Vagrancy Detect) is activated to lock out the card reader function.

Input	Function	Pulse Duration	Inhibit				I/O Relay Outputs			
			NC	NO	COM	NO	NC	COM	NO	NC
Input 1	Presence Detect	30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Input 2	Vagrancy Detect	900	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Input 3	NONE	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Input 4	NONE	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- (3) **Vagrancy Detection:** For the I/O Relay Pulse Duration window, the Vagrancy Delay Times are to be entered in seconds: I/O Relay OUTPUTS 2 and 3 were selected to become active when a “potential” vagrant is detected so that other devices (lights, video) might be called upon to verify the “vagrancy” alert.
- (4) **Presence Sensing and Detection:**  
The I/O Relay Pulse Duration should be between 20 and 40 seconds.  
The overall Presence Detection activation time is set by the “Dry Contact Relay ON Time” control in the Sensor Module head.

REQUIRED TIME DELAY	Delay Times (in Seconds)
15 minutes.	900 sec.
30 minutes.	1800 sec.
45 minutes.	2700 sec.
60 minutes.	3600 sec.

## For Both Presence & Vagrancy Detection.

Shown, at right are two Presence Detectors, wired into one I/O Relay Board INPUT. (See Input #1 on diagram at right).

Input #1 has a short duration PULSE TIME. It is adjusted to reset in 5 minutes or less if the human presence is transient. People passing through are noted and an INPUT #1 controller message is recorded by the ACS-1E panel. (“Normal clientele” message.)

Input #1 is assigned OUTPUT Relay #1 which is wired to Input #2. Input #2 is assigned a 15, 30, 45, or 60-minute input Pulse Duration (delay).

If a vagrant or suspicious visitor stays long enough to keep Input #1 alive and trigger Input #2, then the INPUT #2 controller message is recorded by the ACS-1E panel indicating a “Vagrancy” condition.

