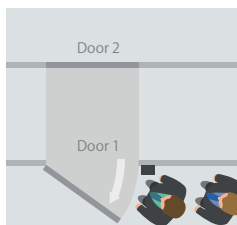# ACCURANCE **3D**

Anti-tailgating system

Accurance 3D is Anti-Tailgate & Anti-Piggyback sensor system that utilizes Time-of-Flight technology for high security two-door interlocks. It adds a layer of security to the access control system by ensuring single occupancy inside the interlock.
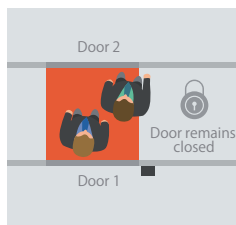
FEATURES

- Analyses the X, Y, Z coordinates for all encountered objects in the detection area
- Topographic 3D data guarantees high accuracy rates
- Multiple or suspicious occupancies will not be granted access.
- Does not rely on any heat or light source
- Not affected by reflection or glare
- One control box can manage up to two sensors
- Can be integrated to an access control system via relay outputs
- Can be used in both directions — one way (entry only) & two way (entry & exit)
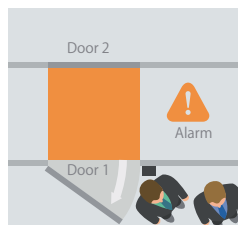
Piggybacking and tailgating detection with Accurance 3D: sequence of events explained

Authorised user presents his/her card and door 1 opens A second individual follows the first one without swiping his/her card
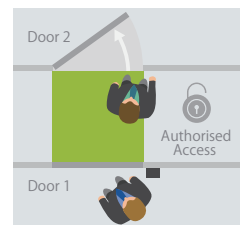
Door 1 shuts and Accurance 3D starts analysing the area inside the interlock More than one person is detected and access is denied

Door 1 re-opens for the occupants to leave the interlock The interlock is empty, the system can reset

Authorised user presents his/her card and door 1 opens.

Accurance 3D detects a single occupant in the interlock Access is granted and door 2 opens

SPECIFICATIONS

Power input	24VDC - Supplied from control box
Current draw	840 mA max. (24 VDC)
Operating temperature	-10°C to +50°C
Operating humidity	0% to 80% - No condensation
Installation location	Indoor
Applicable door	Outward opening interlock door
Detection method	Time of Flight
Light source	IR LED
Image pixels	176(H) 132(V)
Angle of view	Horizontal: Approx. 70°, Vertical: Approx. 55°
Mounting height	7.55 to 9.51ft (2.3 to 2.9m)
Maximum detection height of person	6.73ft (2.05m) - Depends on installation height & location
LAN	Ethernet (100BASE-TX) RJ-45
Indicators	Power: green. Output: green, red, blue
Dimensions	6.3 x 2.83 x 1.97in (160 x 72 x 50mm) H x W x D - Excluding cables
Weight	1.32lb (600g) - Excluding cables

Specifications and design are subject to change without prior notice.