

BEA

The SuperScan

Presence Detector for Automatic Doors

We open up New Horizons

The SuperScan excels with its revolutionary distance measuring optics, precise angling, and unlimited applications.

Features:

- Focused active infrared technology provides safety on any moving door including swinging, bifolding, revolving, and low energy doors.
- Its flexibility assures protection precisely where it is needed, including the leading edge of the door.
- Its position on the top rung of the door eliminates damage from shopping carts and hospital beds that typically batter swinging doors.



ACTUAL LENGTH 34 1/2"

- The SuperScan is compatible with all brands of automatic doors for new construction and retrofit.
- It is the perfect addition to low energy doors, where safety is always a concern.





Swinging Door



Low Energy Door



Monitoring Door



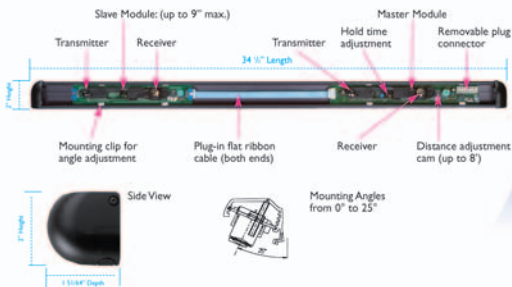
Inherent Door



Armored Door

The SuperScan

Presence Detector for Automatic Doors



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* Detailed architectural specifications are available on BEA's website and in our architectural binder.



Swinging Door

While the door is opening, the SuperScan will sense and protect a person in the path of the door by stopping or slowing the door.

Low Energy Door

While the door is closing, the SuperScan on the approach side of the door detects a person in its path and sends a signal to reactivate the door.



TECHNICAL SPECIFICATIONS

Current Consumption	Master ON: 60 mA max - Slave ON: 40 mA max Master OFF: 30 mA max - Slave OFF: 30 mA max
Detection response time	<50 ms
Detection time	Infinite (presence detection)
Distance adjustment (detection range)	23" to 8' 2" (rotating cam with linear adjustment)
Input "Inhibit"	12 to 24V AC/DC (active when voltage applied)
Input "monitoring"	12 to 18V DC (active when voltage removed)
Operating temperature range	-30° F (-35°C) to +140° F (60°C)
Output interface relay or transistor	Relay max. contact rating 1 A under 30V (resistive) Open collector transistor Max current 100 mA (short circuit protected)

Output hold time	Potentiometer adjusts from 0.1 sec to 4.5 sec
PCB Dimensions	Plaster 10 29/32" (277mm) x 1 1/2" (38mm) Slave 8 3/4" (222mm) x 1 1/2" (38mm)
Power Supply	12 to 24V AC/DC ±10%
Output relay	12 to 30V DC
Output transistor	
SuperScan Housing	Cut to customer's specifications standard 34 1/2"
Dimensions	Minimum length: 13" Maximum length: 8 1/2" Depth: 1 5/16" Height: 2"
Color	Black
Material	Anodized aluminum extrusion/ ABS plastic/Acrylic
Technology	Distance measuring/Active infrared