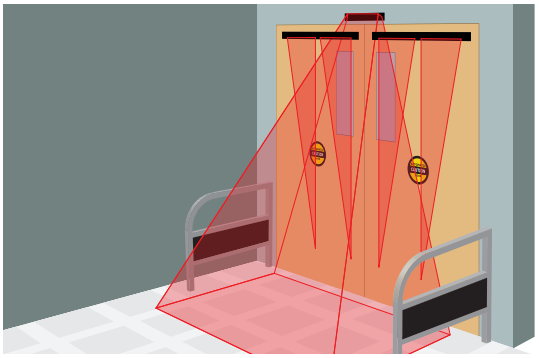
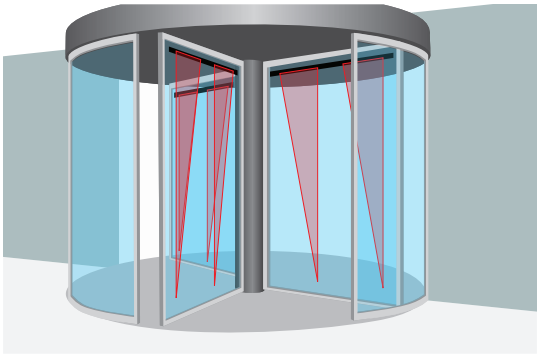
SUPERSCAN

DOOR MOUNTED, ACTIVE INFRARED SAFETY SENSOR



PRIMARY APPLICATIONS





DESCRIPTION

BEA's SuperScan is a door mounted active infrared presence sensor designed for use on automatic swinging, revolving, folding and low energy doors.

The SuperScan uses triangulation to detect the presence of a pedestrian, eliminating false detections caused by varying floor and environmental conditions.

The SuperScan can be used as an individual module or daisy chained with up to 9 slave modules. This flexibility allows the SuperScan to be used on both narrow and wide doors. Each module detection zone can be angled independently.

Coupled with BEA's Bodyguard overhead presence sensor, the SuperScan meets ANSI 156.10 standard relating to swing doors.

FEATURES & BENEFITS

- Master with up to 8 slaves monitored or up to 9 slaves non-monitored
- Housing available up to 48 inches in length; can be field cut to desired door width
- Meets ANSI 156.10 standard for swing doors when coupled with BEA's Bodyguard
- Mounted at top of door to reduce accidental damage
- Relay hold time can be adjusted from .1 to 4.5 seconds
- Unit can be set to background analysis mode to reduce the chance of non-detection from faulty environmental situations

BEA
A HALMA COMPANY

BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

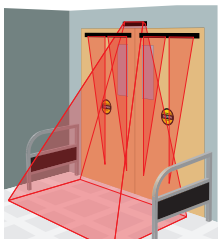
Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

APPLICATIONS

SINGLE SWING



DOUBLE SWING



REVOLVING



UNEVEN PAIR



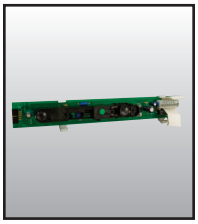
TECHNICAL SPECIFICATIONS

Technology	Focused Active Infrared
Detection Mode	Presence
Measurement of Distance	Triangulation
Supply Voltage	12 to 24 VAC ± 10% / 12 to 24 VDC + 10%
Detection Range	0 in to 96 in (0 ft to 8 ft)
Detection Signal Duration	Infinite presence detection
Output Maximum Contact Rating Hold Time	Single relay 1 A @ 30 V (resistive) 0.1 to 4.5 seconds
LED Indications	Master: Red LED = Detection Green LED = Active Output Slave: Red LED = Detection
Operating Temperature Range	-30° F to 140° F
PCB Dimensions	Master: 10.91 in x 1.5 in Slave: 8.75 in x 1.5 in
Max. Number of Slaves	Standard = 9 With monitoring = 8 max.
Functions Selection	Detection mode - NO or NC Normal mode or background analysis mode
Response Time	< 50 ms
Material	Aluminum, ABS plastic / acrylic
Housing Color	Black
Degree of Protection	IP54

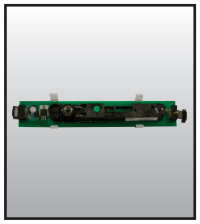
PRODUCT FAMILY



SUPERSCAN
DOOR MOUNTED
PRESENCE SENSOR



10SSMASTER
MASTER SENSOR



10SSSLAVE
SLAVE SENSOR



10SSQD
QUICK DISCONNECT
HARNESS

SERIES BREAKDOWN

SuperScan Series	Part Number	Description
SuperScan I	10SSI	1 Master 34.5 in end cap to end cap
	10SSI40	1 Master 40 in end cap to end cap
	10SSI42	1 Master 42 in end cap to end cap
	10SSI48	1 Master 48 in end cap to end cap
SuperScan II	10SSII	1 Master 1 Slave 34.5 in end cap to end cap
	10SSII40	1 Master 1 Slave 40 in end cap to end cap
	10SSII42	1 Master 1 Slave 42 in end cap to end cap
	10SSII48	1 Master 1 Slave 48 in end cap to end cap
SuperScan III	10SSIII	1 Master 2 Slaves 34.5 in end cap to end cap

SuperScan Custom Series	Part Number	Description
SuperScan III	10SSIIICUSTOM	1 Master 2 Slaves Custom Length
SuperScan IV	10SSIVCUSTOM	1 Master 3 Slaves Custom Length
SuperScan V	10SSVCUSTOM	1 Master 4 Slaves Custom Length
SuperScan VI	10SSVICUSTOM	1 Master 5 Slaves Custom Length
SuperScan VII	10SSVIICUSTOM	1 Master 6 Slaves Custom Length
SuperScan VIII	10SSVIIICUSTOM	1 Master 7 Slaves Custom Length

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