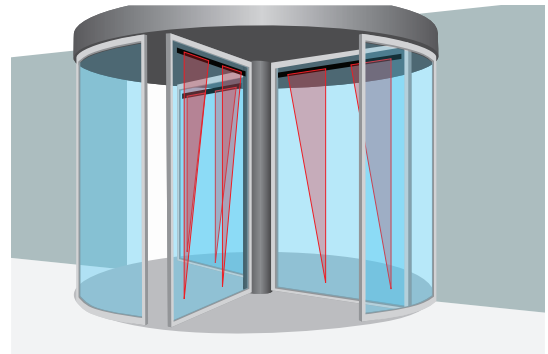
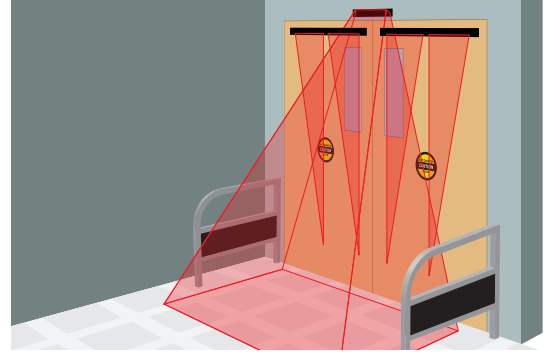


SUPERSCAN

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.

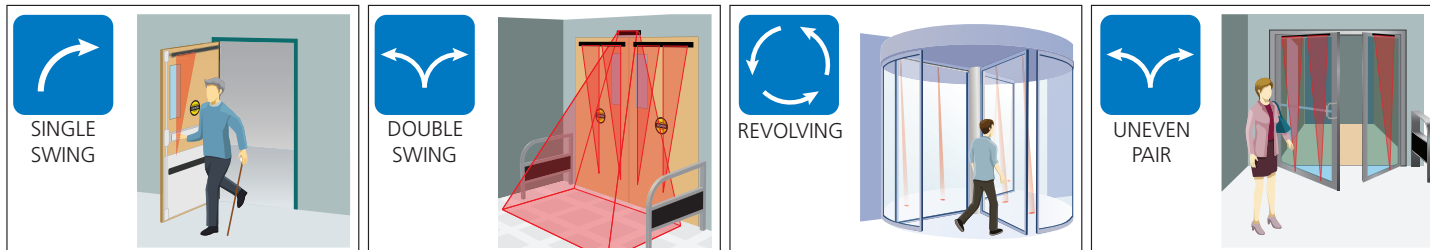
The SuperScan can be used as an individual module or daisy chained with up to 9 slave modules. This flexibility allows the SuperScan to be used on both narrow and wide doors. Each module detection zone can be angled independently.

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

APPLICATIONS



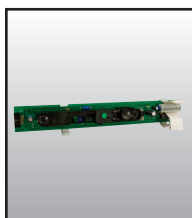
TECHNICAL SPECIFICATIONS

Technology	Focused Active Infrared
Detection Mode	Presence
Measurement of Distance	Triangulation
Supply Voltage	12 to 24 VAC $\pm$ 10% / 12 to 24 VDC $\pm$ 10%
Detection Range	0 in to 96 in (0 ft to 8 ft)
Detection Signal Duration	Infinite presence detection
Output	Single relay
Maximum Contact Rating	1 A @ 30 V (resistive)
Hold Time	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

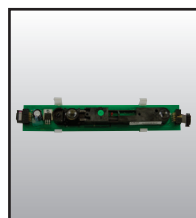
PRODUCT FAMILY



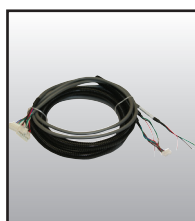
SUPERSCAN
DOOR MOUNTED
PRESENCE SENSOR



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

www.BEAinc.com

SUPERSCAN DOOR MOUNTED, ACTIVE INFRARED SAFETY SENSOR



SUPERSCAN I

Add Safety
to your Low
Energy Doors



*BEA door mounted sensor solution
for low energy applications*

**Safety on the approach side
of low energy doors
right where you need it!**

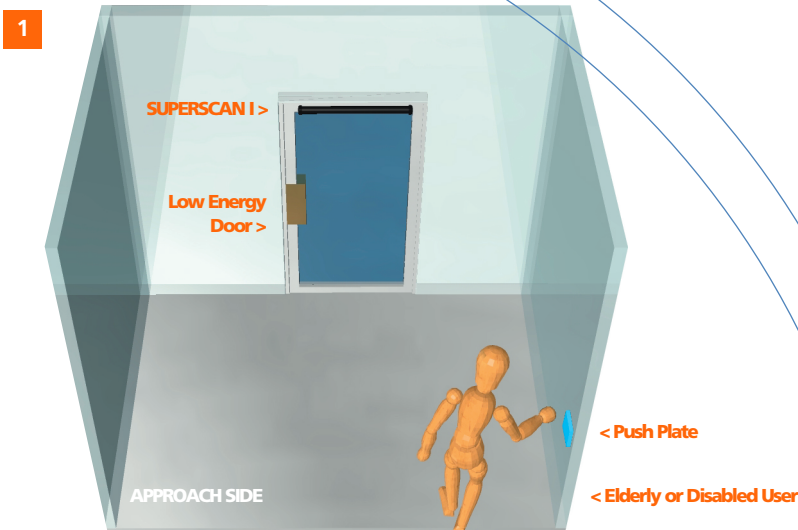
- Protect elderly, disabled or slower moving people from a closing door.
- Add safety on the approach side of the door, right where it is most needed.
- Offers safety to people who are "Piggy Backing" without pressing push plate.
- Ideal for use on both push plate and sensor activated low energy doors.
- Reduce damage when moving objects through doors.
- Use the SuperScan I with a MC Linx 1 and a door position switch to make manual use of the door possible and safe, a SuperScan II provides optimal protection on 48" doors and longer.
- Technology is not affected by environmental change, thus minimize call-backs.
- Save energy by having the relay hold time set as low as 5 seconds while still meeting ANSI 156.19.



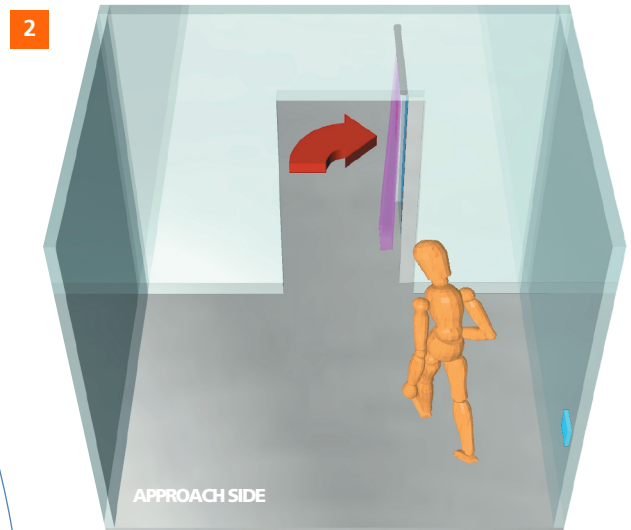
SUPERSCAN I Low Energy Package Components

- 1 The SuperScan I provides safety on the approach side of the Low Energy door, right where it is most needed. As the SuperScan I moves with the door, it provides safety during the closing cycle.
- 2 The MC Linx 1 keeps the SuperScan I inhibited until the door is activated by push plate or by sensor. At that time, the MC Linx 1 will allow the SuperScan I to be active for only one full swing cycle of the door. The SuperScan I remains inhibited if the door is used manually.
- 3 A Door Position Switch needs to be used in conjunction with the MC Linx 1 to determine when the door is in closed position. When the door is closed, the SuperScan I remains locked-out and the door can be used manually. When the door is opened by an activation signal (e.g. push plate), the SuperScan I becomes active until the door is fully closed again.

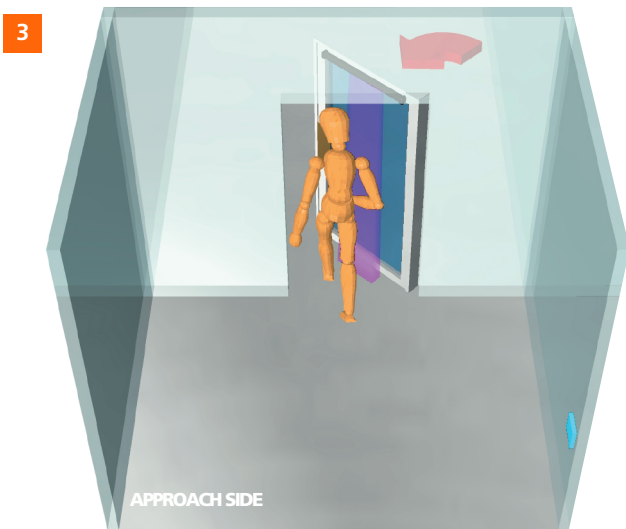
SUPERSCAN I: safety for elderly or disabled people



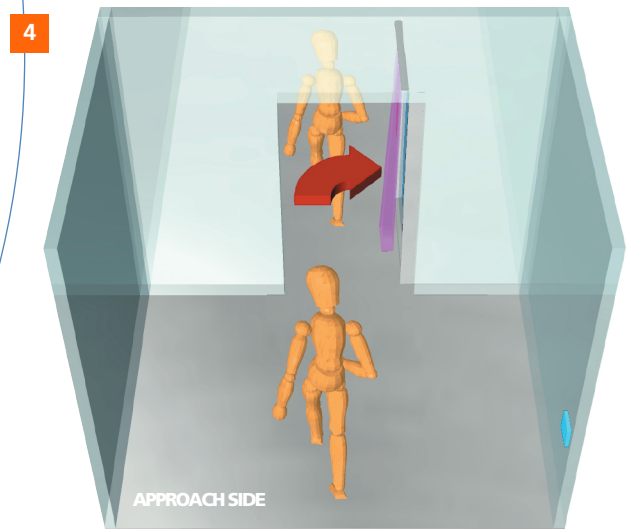
1. An elderly or disabled person activates the low energy door by pressing the push plate.



2. The door opens and the person slowly walks towards the opening. The SuperScan I is active!



3. By the time the person reaches the door, it has timed out and starts to close on the person who is now in the threshold of the door. **Instead of the door closing on the person, the SuperScan I offers protection and reopens the door.**



4. The elderly or disabled person walks through the door. If another person is following (piggy backs), he will also walk through the door safely.

BEA Inc.
100 Enterprise Drive
RIDC Park West
Pittsburgh PA, 15275
Phone +1.412.249.4100
Fax+1.888.523.2462
Toll Free 1-800.523.2462

BEA West
2401 Pine Street
Los Angeles, CA 91767
Phone +1.909.596.3011
Fax +1.909.596.5411
Toll Free 1-877.232.9378

Related Product Packages:
MC Linx 1, Panther Plates, Panther LE

www.beasensors.com

BEA
We open up New Horizons