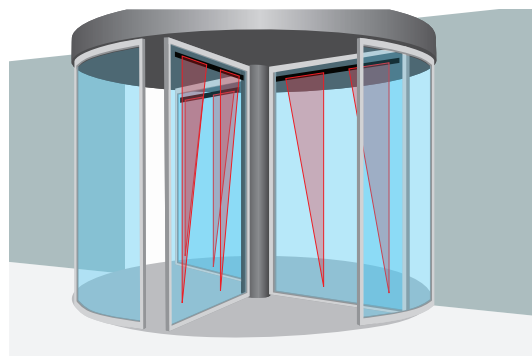
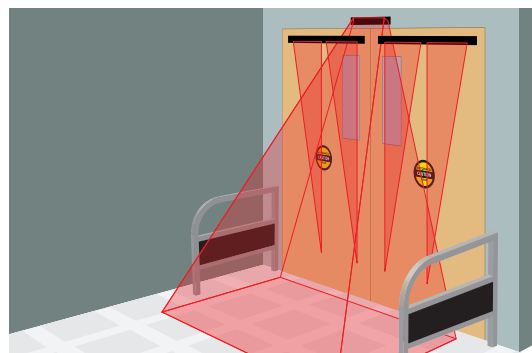


SUPERSCAN

DOOR MOUNTED, ACTIVE INFRARED SAFETY SENSOR



PRIMARY APPLICATIONS



DESCRIPTION

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

The SuperScan uses triangulation to detect the presence of a pedestrian, while the door is opening and closing.

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

FEATURES & BENEFITS

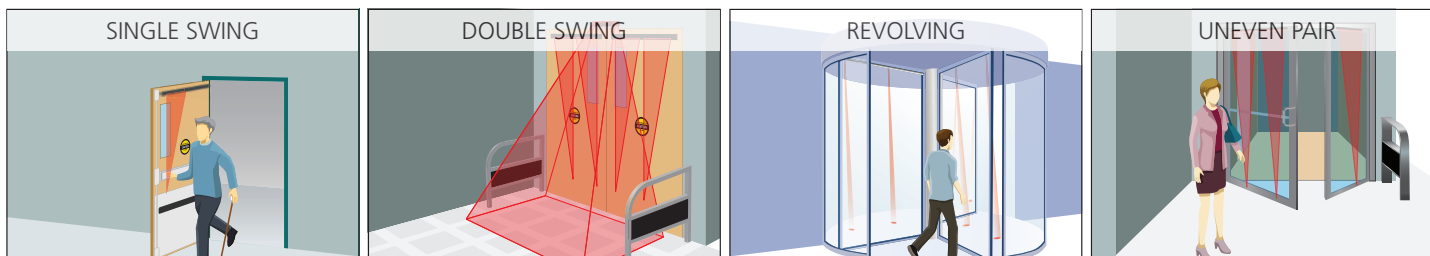
- Housing available up to 102 inches in length; can be field cut to desired door width
- Capable of meeting ANSI 156.10 standard for swing door safety when coupled with BEA's Bodyguard
- Designed to mount at the top of the door to reduce accidental damage
- Can be set to background analysis mode to reduce the chance of false detection from faulty environmental situations
- *An updated version of this product is scheduled for a Fall 2017 release*



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

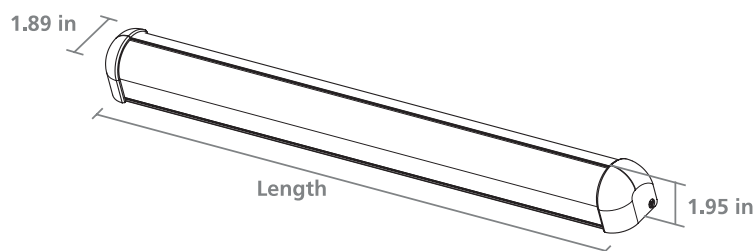
Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

APPLICATIONS

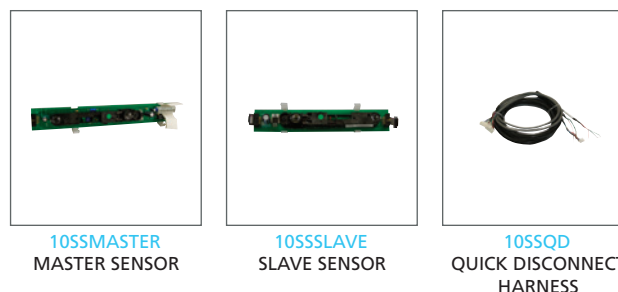


TECHNICAL SPECIFICATIONS

Technology	Active Infrared with background suppression
Detection Mode	Presence
Measurement of Distance	Triangulation
Power Supply	12 – 24 VAC $\pm 10\%$ / 12 – 24 VDC $\pm 10\%$
Detection Range	0 in – 96 in (0 ft – 8 ft)
Max. Mounting Height	96 in (8 ft)
Detection Signal Duration	Infinite presence detection
Detection Time	< 50 ms
Input Inhibit	12 – 24 VAC $\pm 10\%$ / 12 – 24 VDC $\pm 10\%$ / Inhibited when voltage is applied
SMR Input Data	12 – 18 VDC, Inhibited when voltage is applied
Output Interface / Relay	
Maximum Contact Rating	1 A @ 30 V (resistive)
Hold Time	0.1 s – 4.5 s
LED Indications	
Master	Red LED = Detection Green LED = Active Output
Slave	Red LED = Detection
Operating Temperature Range	–30 °F – 140 °F
PCB Dimensions	
Master	10.91 in (W) \times 1.5 in (H)
Slave	8.75 in (W) \times 1.5 in (H)
Connection (Door Controller)	8-position screw terminal on master PCB
Connection (Master to Slave)	Flat ribbon cable with connectors and key lock
Max. Number of Slaves	Standard = 9 With monitoring = 8
Functions Selection	Detection mode - NO or NC Normal mode or background analysis mode



RELATED PRODUCTS



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)
	10SSII44	1 Master 1 Slave 44 in (end cap to end cap)
SuperScan III	10SSII48	1 Master 1 Slave 48 in (end cap to end cap)
	10SSIII	1 Master 2 Slaves 34.5 in (end cap to end cap)
SuperScan Custom Series	Part Number	Description
SuperScan I	10SSICUSTOM	1 Master Custom Length
SuperScan II	10SSIICUSTOM	1 Master 1 Slaves Custom Length
SuperScan III	10SSIIICUSTOM	1 Master 2 Slaves Custom Length
SuperScan IV	10SSIVCUSTOM	1 Master 3 Slaves Custom Length

www.BEAinc.com

© 2017 BEA, Inc. All rights reserved.

SUPERSCAN DOOR MOUNTED, ACTIVE INFRARED SAFETY SENSOR

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

Customer Service: 800.523.2462
Technical Support: 800.407.4545

