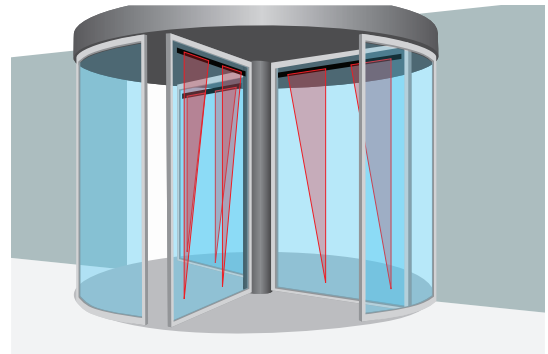
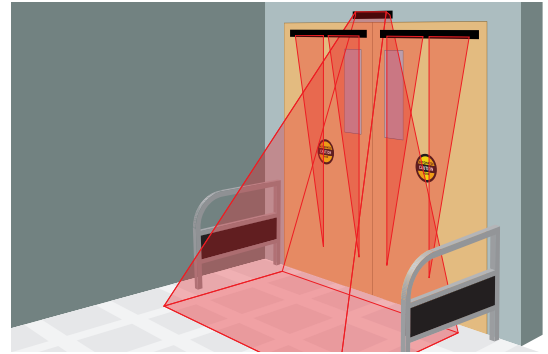


# SUPERSCAN-T

## DOOR MOUNTED, ACTIVE INFRARED SAFETY SENSOR



### PRIMARY APPLICATIONS



### DESCRIPTION

BEA's SUPERSCAN-T is a door mounted, active infrared safety sensor designed for use on automatic swinging, revolving, folding and low energy doors.

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

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

### FEATURES & BENEFITS

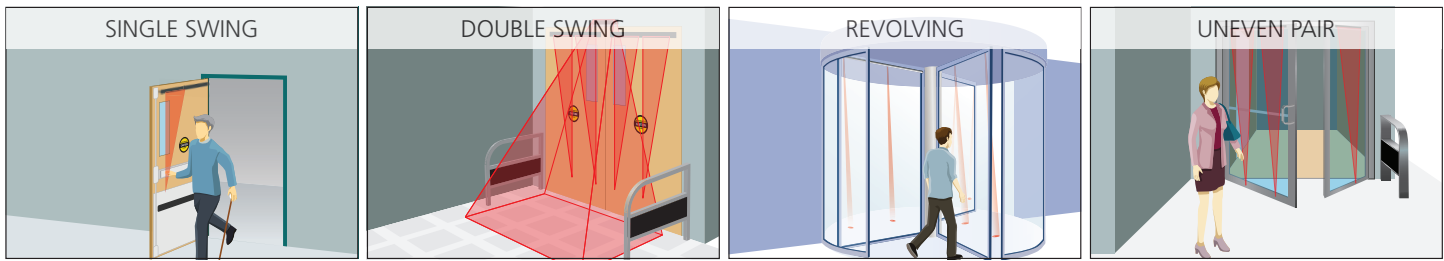
- Housing available up to 102 inches in length; can be field cut to desired door width
- Capable of meeting ANSI 156.10 standard for swing door safety when coupled with BEA's BODYGUARD-T
- Designed to mount at the top of the door to reduce accidental damage
- Can be set to background analysis mode to reduce the chance of false detection from faulty environmental situations
- Capable of external monitoring
- Fire rated for up to 90 minutes



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

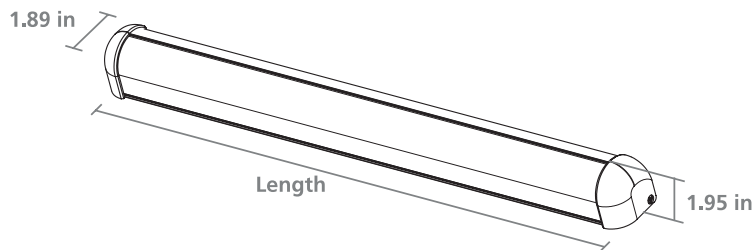
Customer Service: 800.523.2462  
Technical Support: 800.407.4545  
www.BEAinc.com

## APPLICATIONS

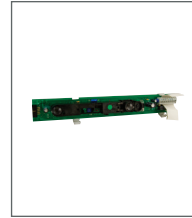


## TECHNICAL SPECIFICATIONS

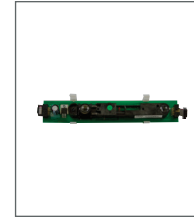
<b>Technology</b>	Active Infrared with background suppression
<b>Detection Mode</b>	Presence
<b>Measurement of Distance</b>	Triangulation
<b>Power Supply</b>	12 – 24 VAC ±10% / 12 – 24 VDC ±10%
<b>Detection Range</b>	0 in – 96 in (0 ft – 8 ft)
<b>Max. Mounting Height</b>	96 in (8 ft)
<b>Detection Signal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



## RELATED PRODUCTS



**10SSTMASTER**  
MASTER SENSOR



**10SSTSLAVE**  
SLAVE SENSOR



**10SSQD**  
QUICK DISCONNECT  
HARNESS

## SERIES BREAKDOWN

SUPERSCAN-T SERIES	Part Number	Description
	10SSTI	1 Master 34.5 in (end cap to end cap)
<b>SUPERSCAN-T I</b>	10SSTI40	1 Master 40 in (end cap to end cap)
	10SSTI42	1 Master 42 in (end cap to end cap)
	10SSTI48	1 Master 48 in (end cap to end cap)
	10SSTII	1 Master 1 Slave 34.5 in (end cap to end cap)
	10SSTII40	1 Master 1 Slave 40 in (end cap to end cap)
<b>SUPERSCAN-T II</b>	10SSTII42	1 Master 1 Slave 42 in (end cap to end cap)
	10SSTII44	1 Master 1 Slave 44 in (end cap to end cap)
	10SSTII48	1 Master 1 Slave 48 in (end cap to end cap)
	<b>SUPERSCAN-T III</b>	10SSTIII

SUPERSCAN-T CUSTOM SERIES	Part Number	Description
<b>SUPERSCAN-T I</b>	10SSTICUSTOM	1 Master Custom Length
<b>SUPERSCAN-T II</b>	10SSTIICUSTOM	1 Master 1 Slaves Custom Length
<b>SUPERSCAN-T III</b>	10SSTIIICUSTOM	1 Master 2 Slaves Custom Length
<b>SUPERSCAN-T IV</b>	10SSTIVCUSTOM	1 Master 3 Slaves Custom Length

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