



# SUPERSCAN-T

DOOR MOUNTED, ACTIVE INFRARED  
SAFETY SENSOR



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## TECHNOLOGY



## CERTIFICATIONS

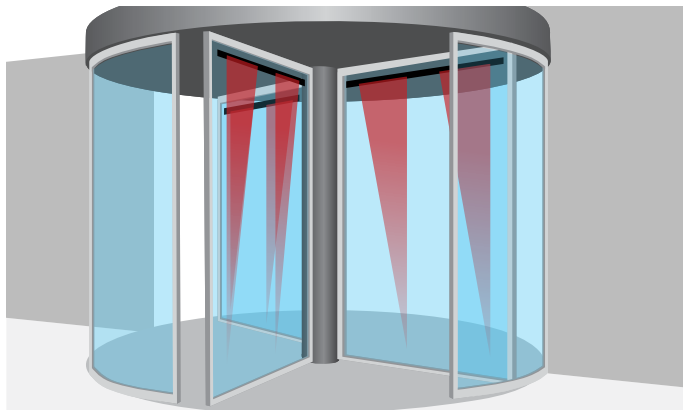
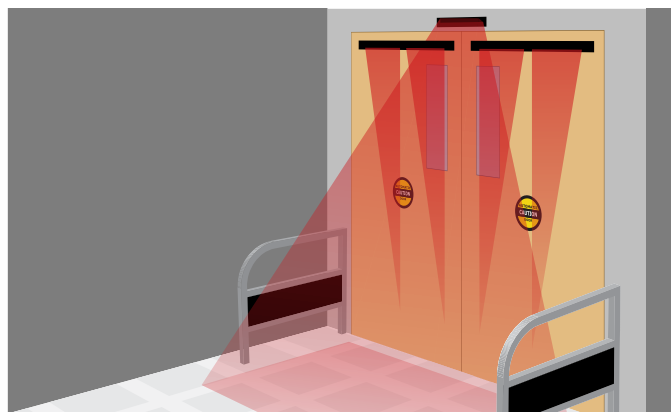


## DESCRIPTION

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 secondary modules. This flexibility allows the **SUPERSCAN-T** to be used on both narrow and wide doors. Each module detection zone can be adjusted independently.



## Fit To The Application

Housing available up to 102 inches in length; can be field cut to desired door width

## ANSI Compliant

Capable of meeting ANSI 156.10 standard for swing door safety when coupled with BEA's BODYGUARD-T

## Functional Design

Designed to mount at the top of the door to reduce accidental damage

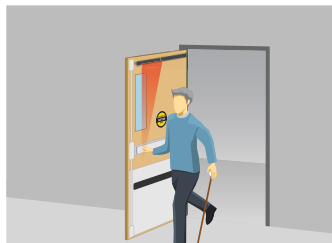
## Customizable

Can be set to background analysis mode to reduce the chance of false detection from faulty environmental situations

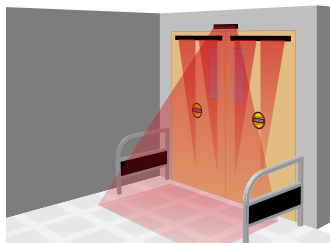
## Standards Compliant

Capable of external monitoring

## APPLICATIONS



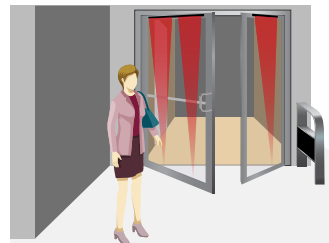
Single Swing



Double Swing



Revolving



Uneven Pair

## 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 / VDC $\pm$ 10%
<b>Output Interface; Relay</b>	Relay – max. contact rating: 1A @ 30 V (resistive)
<b>Detection Range</b>	0 – 8'
<b>Distance Adjustment</b>	2 – 8' (rotating cam with linear adjustment)
<b>Max. Mounting Height</b>	8'
<b>Detection Signal Duration</b>	Infinite Presence Detection
<b>Detection Time</b>	< 50 ms
<b>Output Hold Time</b>	Potentiometer range: 0.1 – 4.5 s
<b>Operating Temperature Range</b>	-30 – 140 °F
<b>PCB Dimensions</b>	
Primary	10.91" (W) $\times$ 1.5" (H)
Secondary	8.75" (W) $\times$ 1.5" (H)
<b>Connector to Door Controller</b>	8-position screw terminal on Primary PCB
<b>Primary-to-Secondary Connection</b>	Flat-ribbon cable with connectors and key lock
<b>Max. Number of Secondaries</b>	8
<b>Functions Selection</b>	Detection mode: NO or NC Normal mode or Background Analysis mode

## PRODUCT SERIES



**10SSTPRIMARY**  
Primary sensor



**10SSTSECONDARY**  
Secondary sensor



**10SSQD**  
Quick disconnect  
harness

## SERIES BREAKDOWN

### SUPERSCAN-T SERIES

	Part Number	Description
<b>SUPERSCAN-T I</b>	10SSTI	1 Primary 34.5 in (end cap to end cap)
	10SSTI40	1 Primary 40 in (end cap to end cap)
	10SSTI42	1 Primary 42 in (end cap to end cap)
	10SSTI48	1 Primary 48 in (end cap to end cap)
<b>SUPERSCAN-T II</b>	10SSTII	1 Primary 1 Secondary 34.5 in (end cap to end cap)
	10SSTII40	1 Primary 1 Secondary 40 in (end cap to end cap)
	10SSTII42	1 Primary 1 Secondary 42 in (end cap to end cap)
	10SSTII44	1 Primary 1 Secondary 44 in (end cap to end cap)
	10SSTII48	1 Primary 1 Secondary 48 in (end cap to end cap)
<b>SUPERSCAN-T III</b>	10SSTIII	1 Primary 2 Secondaries 34.5 in (end cap to end cap)

### SUPERSCAN-T CUSTOM SERIES

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

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