



# SUPERSCAN-T

DOOR MOUNTED, ACTIVE INFRARED  
SAFETY SENSOR



## PRODUCT



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## TECHNOLOGY



## CERTIFICATIONS

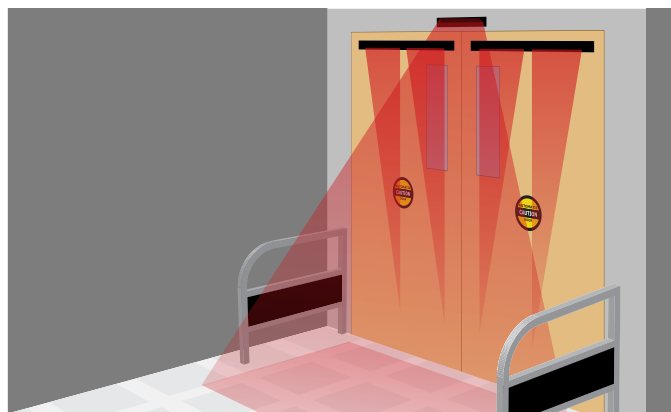


## DESCRIPTION

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 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.



### 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

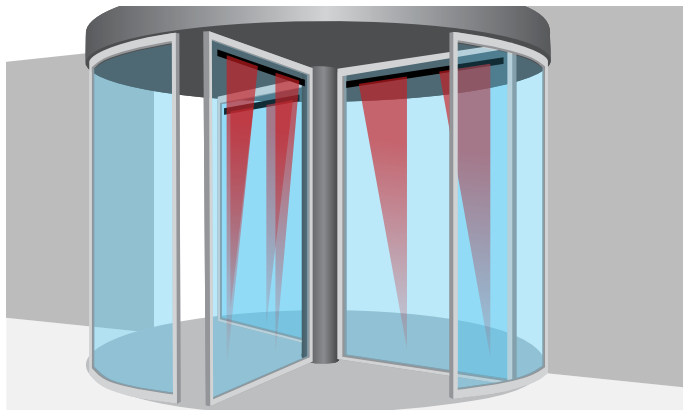
Can be set to background analysis mode to reduce the chance of false detection from faulty environmental situations

### Standards Compliant

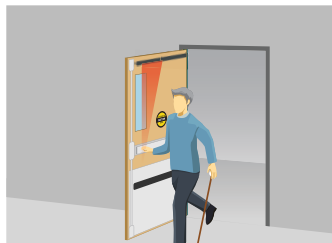
Capable of external monitoring

### UL 10B/C Listed

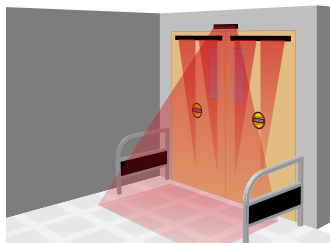
Fire rated for up to 90 minutes<sup>1</sup>



## 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 ±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>	
Master	10.91" (W) × 1.5" (H)
Slave	8.75" (W) × 1.5" (H)
<b>Connector to Door Controller</b>	8-position screw terminal on Master PCB
<b>Master-to-Slave Connection</b>	Flat-ribbon cable with connectors and key lock
<b>Max. Number of Slaves</b>	8
<b>Functions Selection</b>	Detection mode: NO or NC Normal mode or Background Analysis mode
<b>Norm Conformity</b>	UL 10 B / C (90 minutes) <sup>1</sup> UL 10 B file number: GVUX.R39071; UL 10 C file number: GVUX7.R39071

<sup>1</sup>UL 10 fire rating applies only to SUPERSCAN-T sensors with housings less than or equal to 46 ½". Housings greater than 46 ½" are not UL 10 fire-rated.

## PRODUCT SERIES



## SERIES BREAKDOWN

SUPERSCAN-T SERIES	Part Number	Description
	10SSTI	1 Master 34.5 in (end cap to end cap)
SUPERSCAN-T I	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)
SUPERSCAN-T II	10SSTII40	1 Master 1 Slave 40 in (end cap to end cap)
	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)
SUPERSCAN-T III	10SSTIII	1 Master 2 Slaves 34.5 in (end cap to end cap)
SUPERSCAN-T CUSTOM SERIES	Part Number	Description
	10SSTICUSTOM	1 Master Custom Length
SUPERSCAN-T II	10SSTIICUSTOM	1 Master 1 Slaves Custom Length
SUPERSCAN-T III	10SSTIIICUSTOM	1 Master 2 Slaves Custom Length
SUPERSCAN-T IV	10SSTIVCUSTOM	1 Master 3 Slaves Custom Length

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