

# **SUPERSCAN-T**

DOOR MOUNTED, ACTIVE INFRARED SAFETY SENSOR



#### **PRODUCT**

### **TECHNOLOGY**

#### **CERTIFICATIONS**







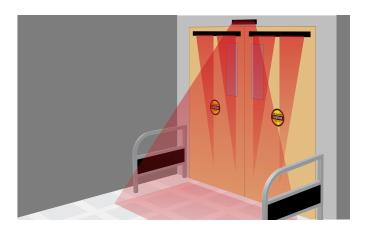
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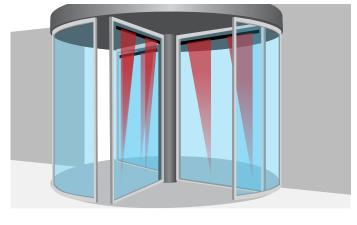
#### **DESCRIPTION**

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

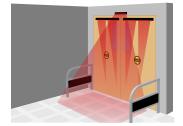
#### **Standards Compliant**

Capable of external monitoring

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#### **APPLICATIONS**









Single Swing Double Swing

Revolving

Uneven Pair

#### **TECHNICAL SPECIFICATIONS**

Technology	Active Infrared with background suppression	
Detection Mode	Presence	
Measurement of Distance	Triangulation	
Power Supply	12 – 24 VAC / VDC ±10%	
Output Interface; Relay	Relay – max. contact rating: 1A @ 30 V (resistive)	
<b>Detection Range</b>	0 – 8'	
Distance Adjustment	2 – 8' (rotating cam with linear adjustment)	
Max. Mounting Height	8'	
<b>Detection Signal Duration</b>	Infinite Presence Detection	
Detection Time	< 50 ms	
Output Hold Time	Potentiometer range: 0.1 – 4.5 s	
Operating Temperature Range	-30 – 140 °F	
PCB Dimensions		
Master	10.91" (W) × 1.5" (H)	
Slave	8.75" (W) × 1.5" (H)	
Connector to Door Controller	8-position screw terminal on Master PCB	
Master-to-Slave Connection	Flat-ribbon cable with connectors and key lock	
Max. Number of Slaves	8	
Functions Selection	Detection mode: NO or NC Normal mode or Background Analysis mode	

#### **PRODUCT SERIES**







# **SERIES BREAKDOWN**

SUPERSCAN-T SERIES	Part Number	Description
SUPERSCAN-T I	10SSTI	1 Master 34.5 in (end cap to end cap)
	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)
SUPERSCAN-T II	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)
	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
SUPERSCAN-T I	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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