



SUPERSCAN-T

DOOR MOUNTED, ACTIVE INFRARED SAFETY SENSOR



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TECHNOLOGY



CERTIFICATIONS

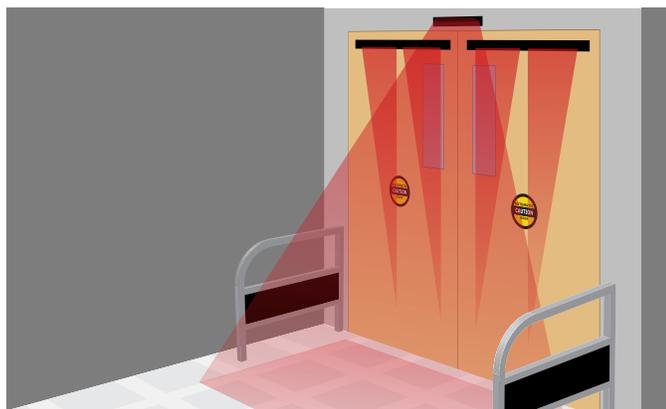


DESCRIPTION

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

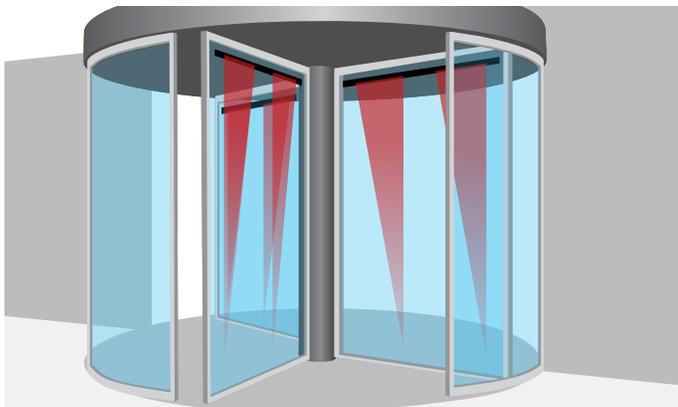
Designed to mount at the top of the door to reduce accidental damage

Customizable

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

Standards Compliant

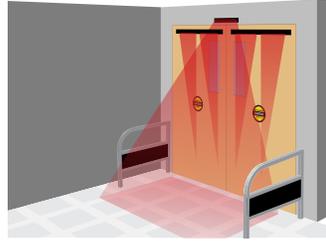
Capable of external monitoring



APPLICATIONS



Single Swing



Double Swing



Revolving



Uneven Pair

TECHNICAL SPECIFICATIONS

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)
Detection Range	0 – 8'
Distance Adjustment	2 – 8' (rotating cam with linear adjustment)
Max. Mounting Height	8'
Detection Signal Duration	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	
Primary	10.91" (W) × 1.5" (H)
Secondary	8.75" (W) × 1.5" (H)
Connector to Door Controller	8-position screw terminal on Primary PCB
Primary-to-Secondary Connection	Flat-ribbon cable with connectors and key lock
Max. Number of Secondaries	8
Functions Selection	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
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)
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)
10SSTIII	1 Primary 2 Secondaries 34.5 in (end cap to end cap)

SUPERSCAN-T II

SUPERSCAN-T CUSTOM SERIES

Part Number	Description
10SSTICUSTOM	1 Primary Custom Length
10SSTIICUSTOM	1 Primary 1 Secondaries Custom Length
10SSTIIICUSTOM	1 Primary 2 Secondaries Custom Length
10SSTIVCUSTOM	1 Primary 3 Secondaries Custom Length

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