SUPERSCAN-T INDUSTRIAL

ACTIVE INFRARED PRESENCE SENSOR
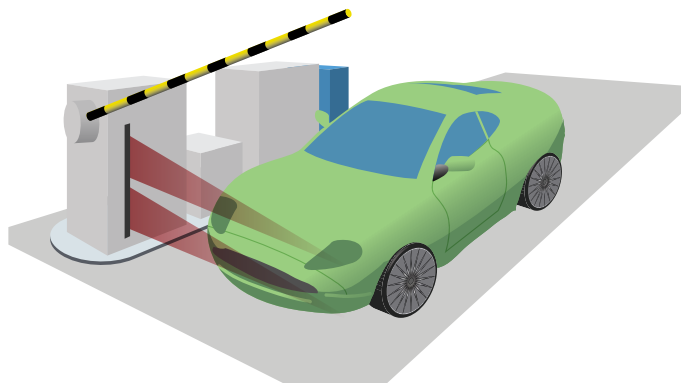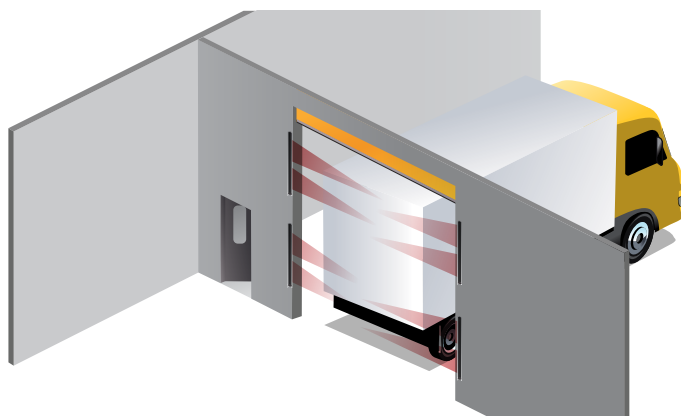
PRODUCT

Go to the product page

TECHNOLOGY

DESCRIPTION

BEA's **SUPERSCAN-T INDUSTRIAL** is an active infrared sensor designed for use in industrial environments that require presence and/or safety detection. This sensor can be used on automatic industrial doors, gates and industrial automation applications.

The **SUPERSCAN-T INDUSTRIAL** uses triangulation to detect the presence of an object, eliminating false detections caused by varying ground and environmental conditions.

In an industrial setting, this versatile sensor can be mounted stationary or on a moving object. Additionally, the **SUPERSCAN-T INDUSTRIAL** can be used as an individual module or daisy chained with up to 8 slave modules (9 total modules). This flexibility allows the **SUPERSCAN-T INDUSTRIAL** to be used on both narrow and wide doors and many other off door applications. Each module detection zone can be angled independently.

Fit To The Application
Housing available up to 96 inches; can be field-cut to desired door width

User-Defined Detection Zones
Detection zone of 24 to 96 inches

Adjustable Detection Zone
Can be set to background analysis mode to reduce the change of false detection from faulty environmental situations
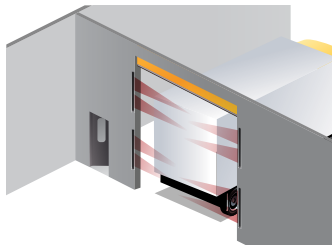
Customizable Hold Time
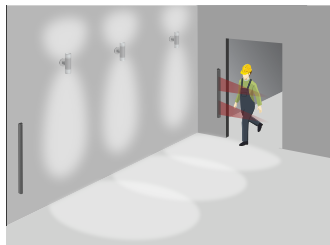Relay hold time can be adjusted from 0.1 to 4.5 seconds

Standards Compliant
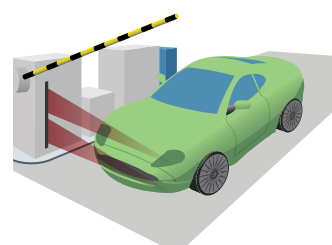Capable of external monitoring

APPLICATIONS

Industrial Doors

Light Activation

Light Deactivation

Barrier Arm Safety

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 Master Slave	10.91" (W) × 1.5" (H) 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

10SSTMASTER
Master sensor

10SSTSLAVE
Slave sensor

10SSQD
Quick disconnect harness

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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