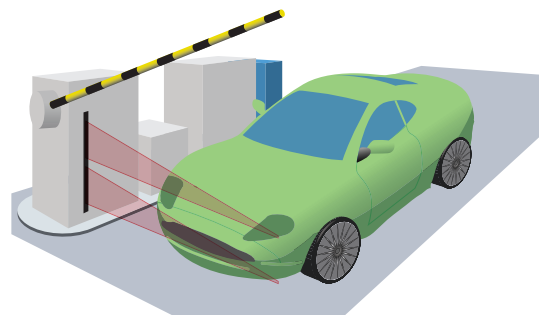
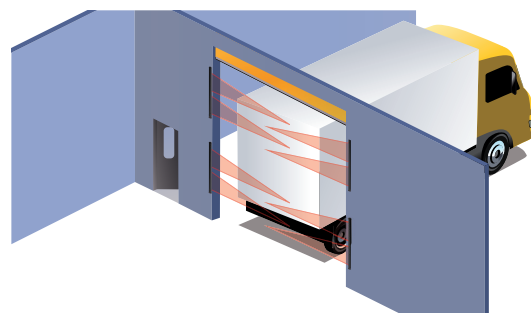


SUPERSCAN-T INDUSTRIAL

ACTIVE INFRARED PRESENCE SENSOR



PRIMARY APPLICATIONS



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.

FEATURES & BENEFITS

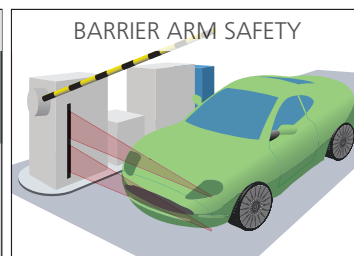
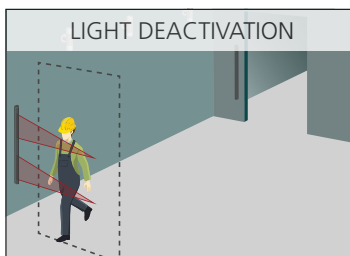
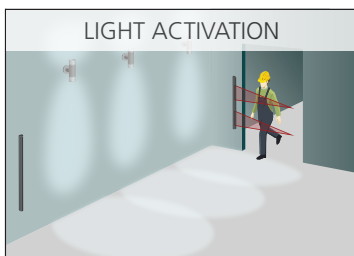
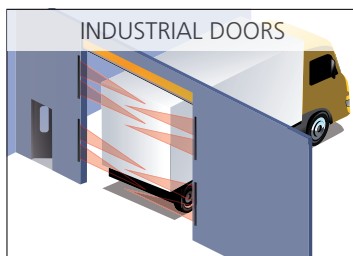
- Detection zone of 24 to 96 inches
- Master with up to 8 slaves monitored
- Housing available up to 96 inches; can be field-cut to desired door width
- Can be mounted vertically or horizontally based on application
- Relay hold time can be adjusted from 0.1 to 4.5 seconds
- Can be set to background analysis mode to reduce the chance of false detection from faulty environmental situations
- Capable of external monitoring
- Fire rated up to 90 minutes¹



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Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

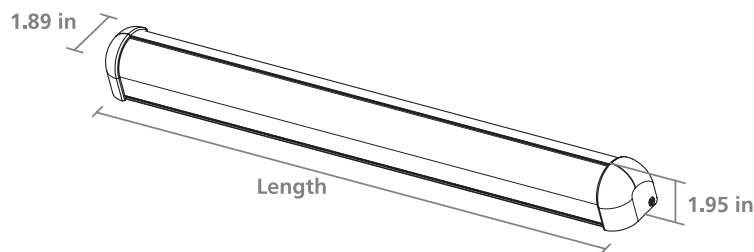
APPLICATIONS



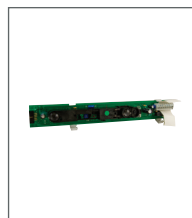
TECHNICAL SPECIFICATIONS

Technology	Active Infrared with background suppression
Detection Mode	Presence
Measurement of Distance	Triangulation
Power Supply	12 – 24 VAC / VDC $\pm 10\%$
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 seconds
Operating Temperature Range	–30 °F – 140 °F
PCB Dimensions	
Master	10.91" (W) \times 1.5" (H)
Slave	8.75" (W) \times 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
Norm Conformity	UL 10 B / C (90 minutes) ¹ UL 10 B file number: GVUX.R39071; UL 10 C file number: GVUX7.R39071

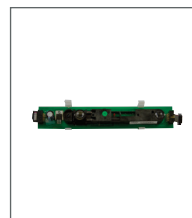
¹UL 10 fire rating applies only to SUPERSCAN-T sensors with housings less than or equal to 46½". Housings greater than 46½" are not UL 10 fire-rated.



RELATED PRODUCTS



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)
SUPERSCAN-T III	10SSTII48	1 Master 1 Slave 48 in (end cap to end cap)
	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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