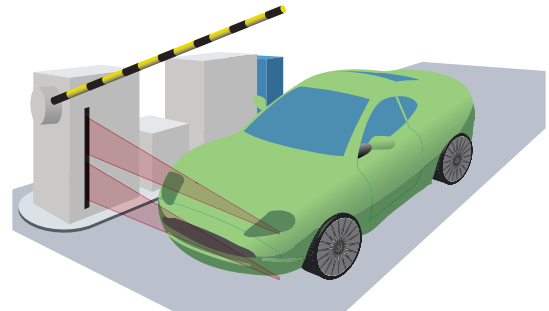
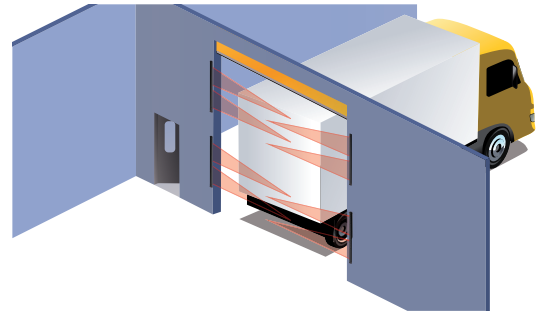


SUPERSCAN INDUSTRIAL

ACTIVE INFRARED PRESENCE SENSOR



PRIMARY APPLICATIONS



DESCRIPTION

BEA's SuperScan 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.

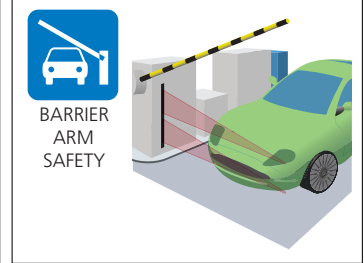
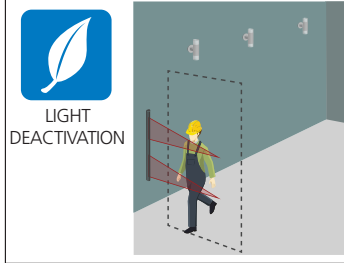
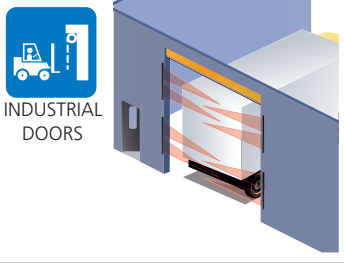
The SuperScan Industrial uses triangulation to detect the presence of an object, eliminating false detections caused by varying floor and environmental conditions.

In an industrial setting, this versatile sensor can be mounted horizontally or vertically. Additionally, the SuperScan Industrial can be used as an individual module or daisy chained with up to 7 slave modules (8 total modules). This flexibility allows the SuperScan Industrial to be used on both narrow and wide doors. Each module detection zone can be angled independently, eliminating unwanted detections.

FEATURES & BENEFITS

- Detection zone of 2 to 96 inches
- Master with up to 8 slaves monitored
- Housing available up to 48 inches in length; can be field cut to desired door width
- Can be mounted vertically or horizontally based on application
- Low profile design reduces accidental damage
- Relay hold time can be adjusted from 0.1 to 4.5 seconds
- Unit can be set to background analysis mode to reduce the chance of non-detection from faulty environmental situations

APPLICATIONS



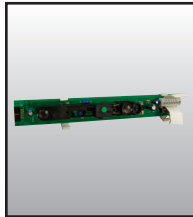
TECHNICAL SPECIFICATIONS

Technology	Focused Active Infrared
Detection Mode	Presence
Measurement of Distance	Triangulation
Supply Voltage	12 to 24 VAC ± 10% / 12 to 24 VDC + 10%
Detection Range	0 in to 96 in
Detection Signal Duration	Infinite presence detection
Output	Single relay
Maximum Contact Rating	1 A @ 30 V (resistive)
Hold Time	0.1 to 4.5 seconds
LED Indications	Master: Red LED = Detection Green LED = Active Output Slave: Red LED = Detection
Operating Temperature Range	-30° F to 140° F
PCB Dimensions	Master: 10.91 in x 1.5 in Slave: 8.75 in x 1.5 in
Max. Number of Slaves	Standard = 9 With monitoring = 8 max.
Functions Selection	Detection mode - NO or NC Normal mode or background analysis mode
Response Time	< 50 ms
Material	Aluminum, ABS plastic / acrylic
Housing Color	Black
Degree of Protection	IP54

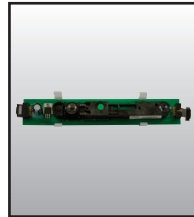
PRODUCT FAMILY



SUPERSCAN
DOOR MOUNTED
PRESENCE SENSOR



10SSMASTER
MASTER SENSOR



10SSSLAVE
SLAVE SENSOR



10SSQD
QUICK DISCONNECT
HARNESS

SERIES BREAKDOWN

SuperScan Series	Part Number	Description
SuperScan I	10SSI	1 Master 34.5 in end cap to end cap
	10SSI40	1 Master 40 in end cap to end cap
	10SSI42	1 Master 42 in end cap to end cap
	10SSI48	1 Master 48 in end cap to end cap
SuperScan II	10SSII	1 Master 1 Slave 34.5 in end cap to end cap
	10SSII40	1 Master 1 Slave 40 in end cap to end cap
	10SSII42	1 Master 1 Slave 42 in end cap to end cap
SuperScan III	10SSIII	1 Master 2 Slaves 34.5 in end cap to end cap

SuperScan Custom Series	Part Number	Description
SuperScan III	10SSIIICUSTOM	1 Master 2 Slaves Custom Length
SuperScan IV	10SSIVCUSTOM	1 Master 3 Slaves Custom Length
SuperScan V	10SSVCUSTOM	1 Master 4 Slaves Custom Length
SuperScan VI	10SSVICUSTOM	1 Master 5 Slaves Custom Length
SuperScan VII	10SSVIICUSTOM	1 Master 6 Slaves Custom Length
SuperScan VIII	10SSVIIICUSTOM	1 Master 7 Slaves Custom Length

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SUPERSCAN INDUSTRIAL ACTIVE INFRARED PRESENCE SENSOR

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