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.

**FEATURES & BENEFITS**

- Housing available up to 102 inches in length; can be field cut to desired door width
- Capable of meeting ANSI 156.10 standard for swing door safety when coupled with BEA's BODYGUARD-T
- Designed to mount at the top of the door to reduce accidental damage
- Can be set to background analysis mode to reduce the chance of false detection from faulty environmental situations
- Capable of external monitoring
- Fire rated for up to 90 minutes

**DESRIPTION**

BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

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

**Operating Temperature Range**
-30 °F – 140 °F

**PCB Dimensions**
- **Master**: 10.91” (W) x 1.5” (H)
- **Slave**: 8.75” (W) x 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)
  - 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 46 ½” are not UL 10 fire-rated.

## Series Breakdown

### SUPERSCAN-T SERIES

<table>
<thead>
<tr>
<th>Part Number Description</th>
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<tbody>
<tr>
<td>10SSTI</td>
<td>1 Master</td>
</tr>
<tr>
<td>10SSTI40</td>
<td>34.5 in (end cap to end cap)</td>
</tr>
<tr>
<td>10SSTI42</td>
<td>40 in (end cap to end cap)</td>
</tr>
<tr>
<td>10SSTI48</td>
<td>42 in (end cap to end cap)</td>
</tr>
<tr>
<td>10SSTII</td>
<td>1 Master 1 Slave</td>
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<tr>
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<tr>
<td>10SSTII44</td>
<td>42 in (end cap to end cap)</td>
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<tr>
<td>10SSTII48</td>
<td>44 in (end cap to end cap)</td>
</tr>
<tr>
<td>10SSTIICUSTOM</td>
<td>1 Master 1 Slave</td>
</tr>
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<tr>
<td>10SSTIICUSTOM48</td>
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### SUPERSCAN-T CUSTOM SERIES

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<tbody>
<tr>
<td>10SSSTICUSTOM</td>
<td>1 Master Custom Length</td>
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<td>10SSSTICUSTOM40</td>
<td>1 Master 1 Slave Custom Length</td>
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<td>10SSSTICUSTOM42</td>
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