



“T-Rex” Passive Overhead Sensor



Introducing the T-Rex Sensor A passive infrared overhead sensor

Top Features:

- › Covers entrances up to 15 feet wide
- › Unobtrusive, installed on the ceiling
- › Adjustable count line.

Supported STC:

- › STC-U200
- › STC-W200
- › STC-B100

- › Can be installed on ceilings from 8 to 12 feet high.
- › One T-Rex sensor can cover an entrance width of 12 to 15 feet, depending on ceiling height.
- › Multiple T-Rex sensors can be used to cover large entrances.
- › Highly effective for entrances giving to an interior mall.

Quick Integration

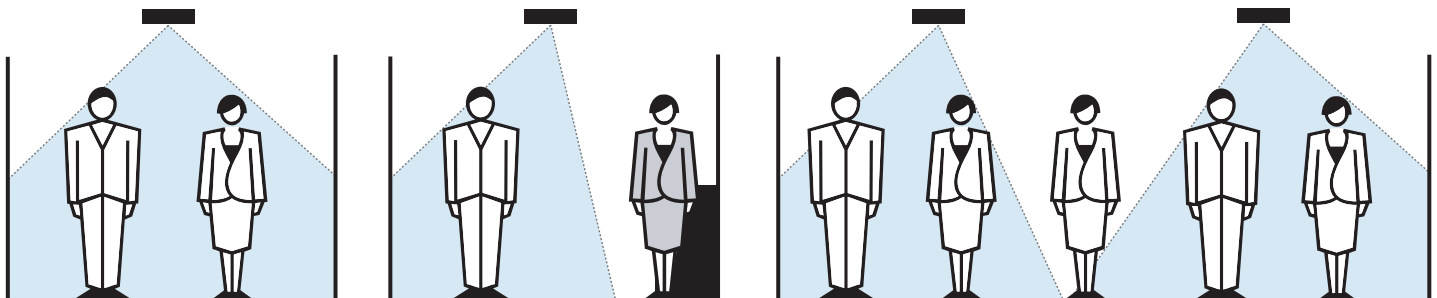
The T-Rex sensor connects easily to an STC data collector through a straight wire connection.

Adjustable

The T-Rex sensor can be adjusted through a 2-axis mechanical adjustment, allowing the count line to be placed exactly at the entrance of the store and be only as wide as is necessary.

Secure

T-Rex sensor is installed on the ceiling ensuring it will not be tampered with.





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How does it work?

The Passive Overhead sensor creates a narrow curtain which covers the entrance. It monitors for a person passing through by picking up on large temperature variations (infrared) compared to the temperature of the floor surface. When this occurs, a pulse is sent to the STC which registers it as a count.

Coverage Chart

Height (ft)	Coverage (ft)
8	11.9
8.5	12.3
9	12.7
9.5	13.2
10	13.6
10.5	14
11	14.4
11.5	14.9
12	15.3

Technical Specifications

Dimensions
(H x W x D) 7.125 x 1.75 x 1.875 in.

Color: White

Power requirements:
10 to 30 VDC (provided by STC collector)

Power Consumption
50 mA

Operating Temperature
-13 °F to 131 °F

Response Time
500ms to 2 seconds.

Agency Approval
CE, FCC and UL294

Warranty:
1 Year on part

Availability:
SMS' leading traffic-counting solutions are available through a network of technology resellers across the US and around the world.



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