

■ People Counter top view sensor in network



People Counter top view sensor in wireless network

Applications:

Vertical technique;

At entrances
Retail, Shopping Malls & Shops
Transportation
Smart Buildings

- Versatile use
- Wide field
- User-Definable Count Lines & functionality
- Wide Opening Capability up to 8 units
- Easy implementation in wireless sensor network
- Wireless data forwarded by Sensor Network Gateway
- Minutely data instantly available on SensorServer

People Counter top view sensor



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Count Lines:

There are two count lines, allowing counting in both directions (i.e. 'in' and 'out'). The lines may be user-configured in a number of ways:

1. User Configurable

The count lines are user configured by a drag and drop mechanism. Both line position and shape may be modified. Figure 1 shows a standard line position, whilst Figure 2 shows a user configured alternative.

2. Count Direction

People are counted when they cross the count lines. Different 'count modes' are available. The direction of line crossing which increments the count is user selectable and is indicated by the arrows on the counting lines shown in Figures 1 & 2.

3. Count Modes

Various count modes are available, including:

- Counts increment when person crosses line
- Counts increment when person leaves the field of view
- Ignore or register U-turns
- Count every line crossing or only the first line crossing

Counter System Implementations:

- Single counter integrated in the SDI Wireless Sensor Platform
- A wide opening group of counters controlled via a master counter to give a total count into the SDI Wireless Sensor Platform.

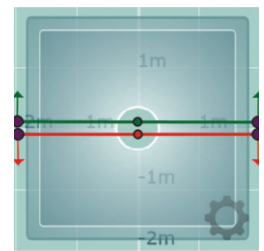


Fig. 1

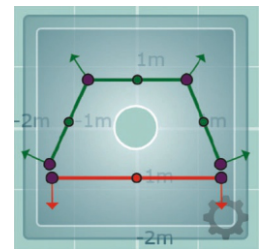


Fig. 2

Specifications

Detection Speed Range: 0.5ms⁻¹ - 3ms⁻¹
Temperature Sensitivity: < 2.0K

PCM30C1:
Mounting Height Range: 2.2m - 4.8m
Width of Field of View: 1.8m - 4.3m

PCM31C1:
Mounting Height Range: 4.0m - 7.0m
Width of Field of View: 1.8m - 4.3m