People Counter Ceiling Mounting 3D

Features
- 3D Stereo Vision technology
- Wide viewing angle for wide coverage
- Zone occupancy
- Heat and Height map
- Higher accuracy at crowded areas
- Multisensor with up to nine sensors

Variety of Applications
- Retail outlets
- Airports
- Building management
- Convention centers
- Access control
- Railway stations

Track People to Count People

Thanks to the unique tracking technology this camera performs outstanding in counting people in crowded areas.

accuracy infrared People Counting into crowded areas.

Robust Operation

The 3D stereo vision technology is highly robust against all kinds of external influences, such as shadows, light changes and heat emissions.

Real-Time Analysis

The whole 3D image processing is performed on the sensor itself; no additional servers are needed. Furthermore, the PCM3D-1 features an ultra-wide viewing angle to cover wide passages and large areas with a single sensor.

Counting Lines

Counting lines are multipoint lines that count people in both directions and which can be adapted to any situation. Each sensor allows up to 99 independent counting lines and is able to monitor simultaneously forward and backward crossings.

Multisensor

A Multisensor with up to nine sensors can be fully configured within a few minutes, thanks to the automated stitching process and the dedicated Multisensor wizard. All configuration and processing is performed on the sensor itself; no additional server hardware or software is required. The Multisensor tracks people through all sensors, handing over the person ID's from one sensor to the other. Multiple zones and counting lines can be monitored simultaneously, generating event-based information at an ID level. Furthermore, the transmission of the coordinate stream of every single person opens the door to new powerful analyses and visualizations.

Wide range of accessories

The robust body of a PCM3D-1 sensor allows direct installation on the ceiling. IMMOTION also offers a wide range of accessories to accomodate every possible installation requirement.

Privacy Protection

The PCM3D-1 contains a mechanism to definecup to four different privacy protection levels, thus meeting every possible data privacy requirement. No video stream leaves the sensor; only metadata is sent out.

Technical Data

Product Code	: PCM3D-1
Working principle	: 3D stereo vision distance measurement
Operation temperature	: 0°C … 50 °C
Storage temperature	: -20°C … 70°C
Air humidity	: 20% … 80%
Connection	: RJ-45 Ethernet
Power supply	: PoE Class 0 (IEEE 802.3af)
Power consumption	: < 5W
Required illumination	: min. 2 lux
Data storage	: up to 120 days
Max. people tracking	: unlimited
Multisensor	: up to 9 sensors
Size (LxWxH)	: 13.0 x 9.4 x 3.0 cm
Weight	: 350 g
Mounting height	: up to 6 m

For mounting height up to 20m an alternative version is available.

Privacy mode

Choose the level of privacy you want the sensor to operate with. Attention: Lowering the level of privacy always requires the sensor unique key to be entered!

Level 0
No restrictions. Live video image stream and tracked person pathes are shown.

Level 1
No video stream. Only still scene image is shown. Stream of tracked person pathes is shown without restriction.

Level 2
No image information at all. No image of the observed scene is shown at all. Stream of tracked person pathes is shown without restriction.

Level 3
No image and path information. No image of the observed scene is shown. No tracked person pathes are shown.