SensMax TAC-B 3D-W mmWave radar People counting sensor

SensMax TAC-B 3D-W Sensor Real-time, Bi-directional

SensMax TAC-B 3D-W people counting sensor uses the mmWave radar technology for indoor people counting projects. The sensor can detect even subtle motions in any light conditions, even in complete darkness.

The sensor supports up to 5 user-defined counting lines and zones. The sensor detects IN/OUT movement direction, the number of visitors inside the zone, as well as occupancy time. It counts people in up to 10m range at 120° viewing angle in up to 100m2 area. Sidewall mounting is quick and easy.

The sensor delivers people counting data to SensMax online reporting portal using WiFi internet connection in real-time. Ready to use reports available – visiting statistics, occupation of premises, queue detection per zone and others. It is possible to export statistics to any 3rd party reporting system via API.

SensMax TAC-B 3D-W sensor supports the MQTT protocol, so it is possible to import people counting data directly to any 3rd party reporting system without connecting the sensor to the SensMax cloud services.

IFTTT and Shelly webhooks support allows to automate management of 3rd party applications and send orders to electrical equipment for automated building management systems. The SensMax TAC-B 3D-W sensor is GDPR/Privacy law compliant and counts people without filming them.

Features:
Multiple counting lines/zones
Easy sidewall installation
GDPR compliant
MQTT support
IFTTT and Shelly webhooks support
Real-time data delivery over WiFi

Application	People counting, Premises occupancy monitoring,
People counting technology	Advanced mmWave radar technology 60Ghz working in any light environment or floor color
Movement tracking	Bi-Directional
People counting options	Up to 5 user-defined counting lines and zones
Occupancy monitoring	Per sensor zone, per group of sensors
Installation options	Sidewall mounting at height 2-2.5m
Case	ABS plastic
Counting accuracy	Up to 99% detection of one person per 1 m^2, and >93% for crowded areas with 3 persons per 1 m^2
Detecting area	10m range, 120° viewing angle (100m^2)
GDPR/Privacy law	Anonymous people detection, 100% compliant, no filming
Notifications & Reporting	SensMax cloud reporting with API data export, MQTT protocol support, IFTTT and Shelly, webhooks support, Telegram/Email notifications
Internet connection	WiFi 2.4 GHz/WPA2-PSK/WPA2-ENTERPRISE
Storage & Backup	Micro SD card 16GB
Power	AC 220V to DC 12V/0.5A
Dimensions	80x80x35 mm