

VS121

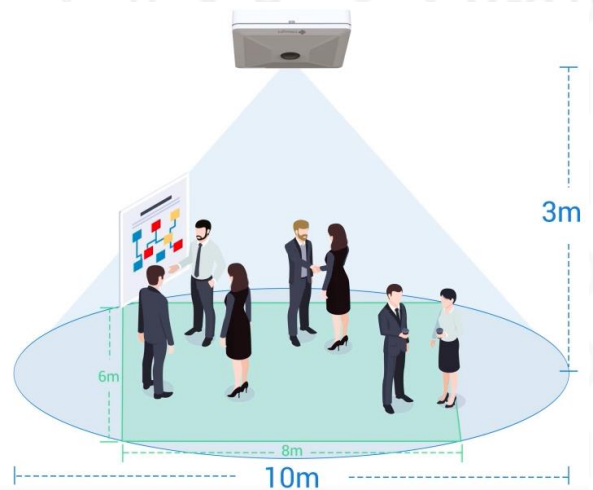
AI Occupancy sensor

Counting the number of people in up to 12 individual zones

VS121 applies Artificial Intelligence (AI) technology to monitor occupancy with a recognition rate around 95% or better.

With the ability to sense up to 78m² a vast area can be covered with just a few sensors reducing installation cost.

VS121 is serving people counting and flow detection in shops, malls, offices, exhibitions, etc.



VS121 supports people counting in up to 12 individual zones.

VS121 does not collect image data.

VS121 is compliant with standard LoRaWAN[®] gateways and network servers



VS121

AI Occupancy sensor

Counting the number of people in up to 12 individual zones

Wireless transmission

Technology	LoRaWAN®
Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923
Tx Power	16dBm(868)/20dBm(915)/19dBm(470)
Sensitivity	-137dBm @300bps
Mode	OTAA/ABP Class C

People counting

Field of view	190° Horizontal, 112° Vertical
Recognition range	Radius of 5m at a height of 3m
Recognition rate	>95%
Advanced setting	Individual counting in up to 12 zones



LoRa




Gateway UG65



VS121

AI Occupancy sensor

Counting the number of people in up to 12 individual zones

Interfaces

Wi-Fi	IEEE 802.11 b/g/n, 2.4GHz, for configuration support <u>only</u>
Buttons	1 × Reset Button, 1 × Wi-Fi Button
LED indicator	1 x Wi-Fi
Power input	1 x Type-C

Physical characteristics

Power supply	5V / 1.5A by Type-C Port
Color	Black or white
Operating Temp.	-5°C to +55°C
Storage temperature	-20°C to +60°C
Relative humidity	0% to 95% non-condensing
Dimension	85 × 85 × 20 mm (3.35 × 3.35 × 0.79 in)
Installation	Ceiling mounting

