

# People Counting Sensor



The People Counting Sensor, based on Artificial Intelligence (AI) technology, collaborates with Yeastar Workplace to monitor occupancy & utilization in the modern workspace. With a detection area up to 48 m<sup>2</sup> and a 95% recognition rate, fewer sensors are needed and decrease the deployment costs for users. Only counter values are transmitted over LoRaWAN® network, which can reduce privacy concerns.

- 95% accuracy based on advanced AI identification and analysis technology and wide detection range
- Support up to 12 mapped regions for detection
- No image data is collected, free from privacy concerns
- Equipped with Wi-Fi for Web GUI configuration

## Specifications

Model	VS121-470M/868M/915M-White/Black
Protocol	LoRaWAN®
Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923
Tx Power	16 dBm (868 MHz)/20 dBm (915 MHz)/19 dBm (470 MHz)
Sensitivity	-137 dBm @300bps
Mode	OTAA/ABP Class C
Field of View	190 ° Horizontal, 112 ° Vertical
Recognition Range	based on a radius of 5 meters (At the height of 3m)
Advanced Custom Setting	Up to 12 mapped regions for detection
Wi-Fi	IEEE 802.11 b/g/n, 2.4GHz, only support configuration
Button	1 × Reset Button, 1 × Wi-Fi Button
LED Indicators	1 × Wi-Fi
Power Input	1 × Type-C
Power Supply	5V / 1.5A by Type-C Port
Operating Temperature	-5°C ~ +55°C
Storage Temperature	-20°C ~ +60°C
Relative Humidity	0 ~ 95% (Non-condensing)
Color	Black/White (Optional)
Dimension	85 × 85 × 20 mm (3.35 × 3.35 × 0.79 in)
Installation	Ceiling Mounting