

APPLICATIONS



- PEOPLE COUNTING
- FLOW DETECTION
- OCCUPANCY DETECTION

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FEATURES

95% RECOGNITION RATE
on AI identification & analysis technology

>16 MAPPED REGIONS
for detection

NO IMAGE DATA IS COLLECTED
free from privacy concerns

● **EQUIPPED WITH WIFI**
for web GUI configuration

● **SUPPORT MILESIGHT D2D PROTOCOL**
for ultra-low latency & direct control w/o gateway

● **COMPATIBLE WITH STANDARD**
LoRaWAN gateways & network servers

SPECIFICATIONS

LoRaWAN

| | |
|-----------|---|
| Protocol | LoRaWAN |
| Frequency | CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923 |



VS121 AI Workplace Sensor

| | |
|-------------|---|
| Tx Power | 16 dBm (868 MHz)/20 dBm (915 MHz)/19 dBm(470 MHz) |
| Sensitivity | -137 dBm @300bps |
| Mode | OTAA/ABP Class C |

People Counting

| | |
|-----------------------|--|
| Field of View | 190 ° Horizontal, 112 ° Vertical |
| Recognition Range | Based on a radius of 5 meters (At the height of 3m) |
| Recognition Rate | >95% |
| Advanced Custom Sett. | Up to 16 mapped regions for detection, D2D Controller, Line Cross Counting |

Interface

| | |
|----------------|---|
| 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 |

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Physical Characteristics

| | |
|-----------------------|---|
| 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 & Weight | Black/White (Optional), 126.9g |
| Dimension | 85 × 85 × 20 mm (3.35 × 3.35 × 0.79 in) |
| Installation | Ceiling Mounting |

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