









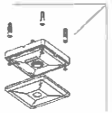
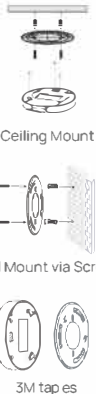





<p>Product</p>	 <p>VS121 AI Workplace Occupancy Sensor</p>	 <p>VS330 Cubicle Occupancy Sensor</p>	 <p>VS34x Desk & Seat Occupancy Sensor</p>	 <p>VS133 AI ToF People Counting Sensor</p>	 <p>VS350 Passage People Counter</p>
<p>Basic Functionality</p>	 <ul style="list-style-type: none"> Occupancy Detection Bi-Directional People Counting Regional People Counting 	 <ul style="list-style-type: none"> Cubicle Occupancy Detection 	 <ul style="list-style-type: none"> Desk & Seat Occupancy Detection 	 <ul style="list-style-type: none"> Bi-Directional People Counting Regional People Counting Dwell Time Detection 	 <ul style="list-style-type: none"> Bi-Directional People Counting
<p>Typical Applications</p>	<ul style="list-style-type: none"> Workplaces Retail Stores Airports 	<ul style="list-style-type: none"> Workplace Cubicles Restrooms 	<ul style="list-style-type: none"> Workstations 	<ul style="list-style-type: none"> Retails Stores Airports Buildings Supermarkets 	<ul style="list-style-type: none"> Retails Stores Offices Restrooms
<p>Technology</p>	<p>AI AI</p>	<p>PIR PIR ToF ToF</p>	<p>VS340: PIR PIR VS341: PIR PIR Thermopile</p>	<p>AI AI ToF ToF</p>	<p>PIR PIR</p>
<p>Accuracy</p>	<p>Up to 98%</p>	<p>Up to 99.5%</p>	<p>98%</p>	<p>Up to 99.8%</p>	<p>Up to 95%</p>
<p>Advanced Features</p>	<ul style="list-style-type: none"> Dwell Time Detection U-Turn Filtering Bi-Directional Counting Milesight D2D Privacy Mask People Flow Analysis DO for Overcrowding Alarm DI for Unnecessary Filtering 	<p>Milesight D2D</p>	<p>Milesight D2D</p>	<ul style="list-style-type: none"> Regional Counting Dwell Time Detection Multi-Device Stitching Heat Map Adults/Children Differentiation Staff Detection Group Counting U-Turn Filtering Bi-Directional Counting 	<ul style="list-style-type: none"> Milesight D2D Threshold Alarm Bi-Directional Counting
<p>Installation</p>	 <p>Ceiling Screw Mounting</p>	 <p>Ceiling Mount Wall Mount via Screws 3M tapes</p>	 <p>3M Tape Mounting Wall Screw Mounting</p>	 <p>Ceiling Screw Mounting Extended Ceiling Mounting Lintel Mounting</p>	 <p>Ceiling Screw Mounting Wall Screw Mounting</p>



**AI Workplace Occupancy Sensor
VS121**



**Cubicle Occupancy Sensor
VS330**



**Desk & Seat Occupancy Sensor
VS34x**



**AI ToF People Counting Sensor
VS133**



**Passage People Counter
VS350**

Detection Distance	Standard Version: 2.5~4m High Ceiling Mount Version: 5~7m	PIR: Up to 2.5m ToF: 0.04~3.5m	Within 1m	0.5-3.5m	Ceiling Mount: Passage Width = 2.8 m (At the height of 3m) Wall Mount: Passage Width < 3.8 m
Detection Range	Standard Version: 190 ° H, 112 ° V High Ceiling Mount Version: 129.4 ° H, 68.4 ° V	PIR: 80 ° ToF: 27 °	PIR: 107 ° H, 107 ° V Thermopile: 50°	98 ° H, 80 ° V	120 ° H

Other Sensors Support

Temperature	/	/	/	/	√
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Transmission Technology

LoRaWAN®	√	√	√	√	√
Ethernet (PoE)	√	/	/	√	/
Cellular	/	/	/	/	/
Wi-Fi HaLow	/	/	/	/	/

Other Interfaces

Wi-Fi	VS121 Support	/	/	VS133 Support	/
DI/DO	1/1 (VS121-P Only)	/	/	1/1 (VS133-P Only)	/
Serial Port	1 × RS485 (VS121-P Only)	/	/	1 × RS485 (VS133-P Only)	/
Button	VS121: 1 × Wi-Fi + 1 × Reset VS121-P: 1 × Reset	1 × Power/Reset	1 × Power/Reset	VS133: 1 × Wi-Fi/Reset VS133-P: 1 × Reset	1 × Reset
LED Indicator	√	√	√	√	√(Internal)

Software

Configuration	VS121: Wi-Fi VS121-P: Ethernet	NFC	NFC	VS133: Wi-Fi VS133-P: Ethernet	NFC
Data Storage	/	/	/	√	√
Data Retransmission	/	/	/	VS133-P Support	√
Milesight D2D	VS121 Support	/	√	/	√
Milesight IoT Cloud Management	VS121 Support	√	√	VS133 Support	√
DeviceHub Management	VS121-P Support	/	/	VS133-P Support	/

Physical Characteristics

Power Supply	VS121: 5V/1.5A by USB VS121-P: 802.3af PoE or 5V/2A by Terminal Block	3 × 4000 mAh Li-SOCL ₂ Batteries	1 × 4000 mAh Li-SOCL ₂ Battery	VS133: 12V/2A by DC Jack Connector VS133-P: 802.3af PoE+	2 × 2700 mAh Li-SOCL ₂ Batteries
Dimensions	VS121: 85 × 85 × 20 mm VS121-P: 85 × 85 × 30 mm	Φ100 x 24 mm	73 x 73 x 26 mm	180 × 26 × 72 mm	100 x 70 x 21 mm
Operating Temperature	-5°C~55°C	-20°C~60°C	-20°C~60°C	-20°C~50°C	-20°C~60°C