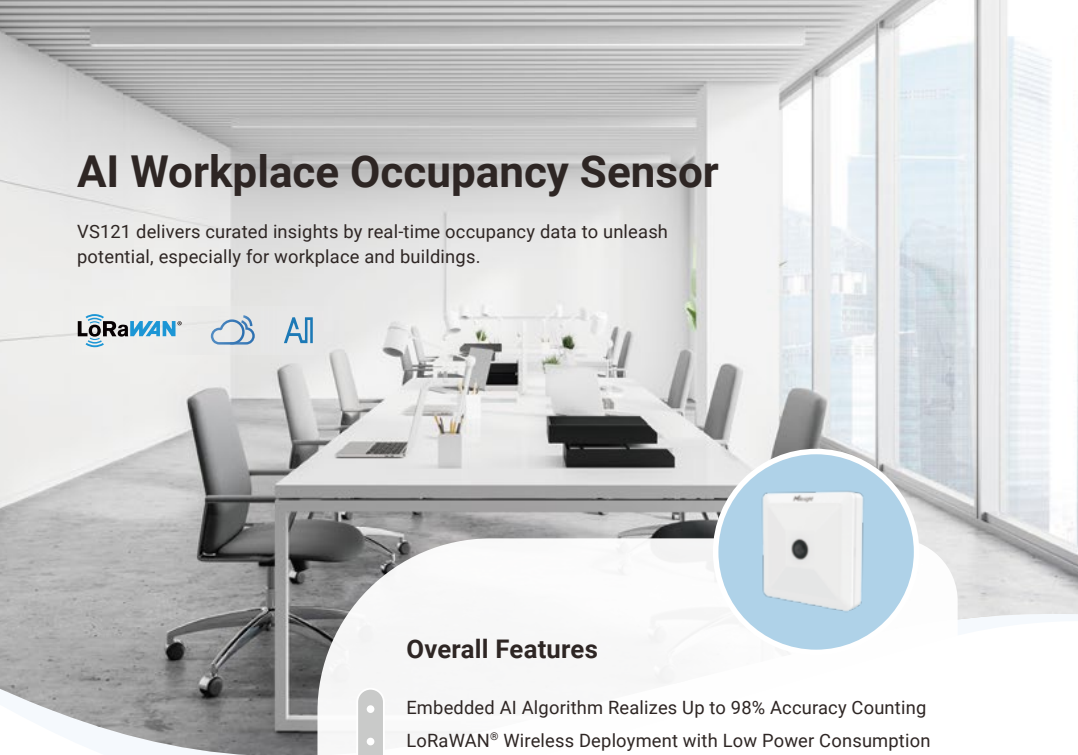


AI Workplace Occupancy Sensor

VS121 delivers curated insights by real-time occupancy data to unleash potential, especially for workplace and buildings.



Overall Features

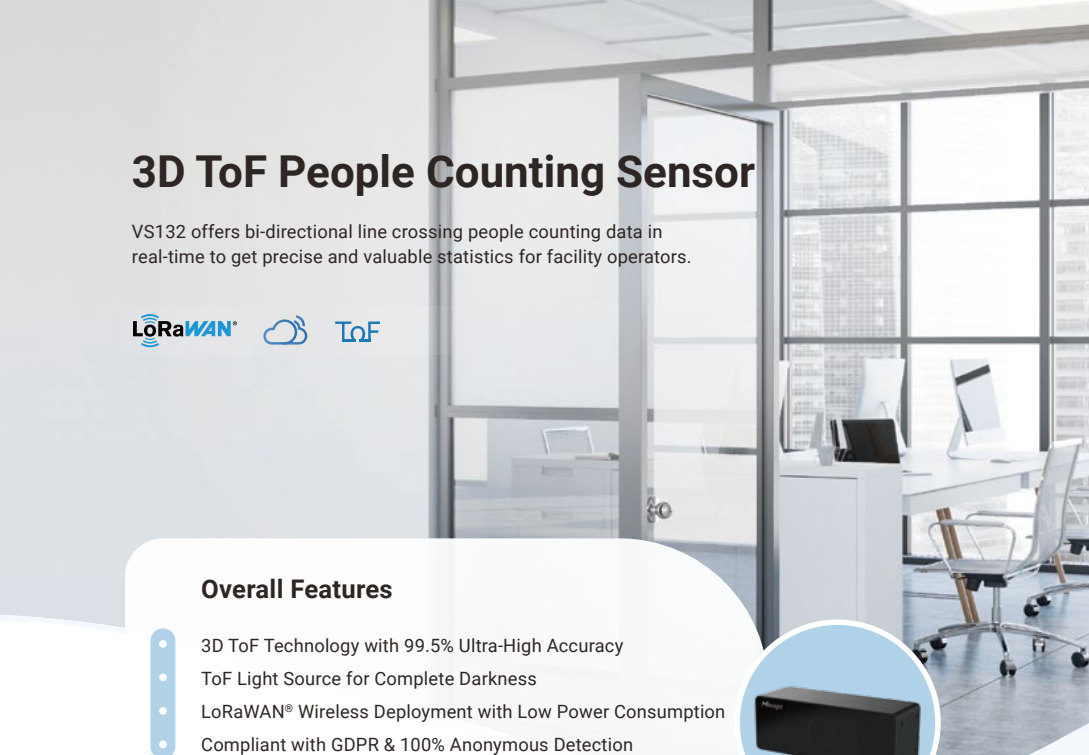
- Embedded AI Algorithm Realizes Up to 98% Accuracy Counting
- LoRaWAN® Wireless Deployment with Low Power Consumption
- Compliant with GDPR & 100% Anonymous Detection
- 78m² Large Detection Area with 16 Custom Detection Regions
- Bi-Directional People Counting via In/Out Counting
- Milesight D2D with Communication Latency to <1 Sec

VS121

Model		VS121
Wireless Transmission	Technology	LoRaWAN®, Milesight D2D
	Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923
	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	Region counting: 95% Line crossing counting: 98%
	Advanced Custom Setting	Up to 16 Mapped Regions for Detection, D2D Controller
Physical Characteristics	Configuration	1 x Wi-Fi Interface (IEEE 802.11 b/g/n, 2.4GHz)
	Power Supply	5V /1.5A by Type-C Port
	Dimension	85 × 85 × 20 mm (3.35 × 3.35 × 0.79 in)
	Power Input	1 × Type-C
	Installation	Ceiling Mounting

3D ToF People Counting Sensor

VS132 offers bi-directional line crossing people counting data in real-time to get precise and valuable statistics for facility operators.



Overall Features

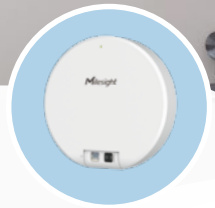
- 3D ToF Technology with 99.5% Ultra-High Accuracy
- ToF Light Source for Complete Darkness
- LoRaWAN® Wireless Deployment with Low Power Consumption
- Compliant with GDPR & 100% Anonymous Detection
- Smart U-Turn Detection Suitable for Real World Scenarios
- Bi-directional People Counting via In/Out Counting
- High-Capacity of Storing a Million Data Locally
- User-Friendly Management on DeviceHub

VS132

Model		VS132
Wireless Transmission	Technology	LoRaWAN®
	Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4
	Mode	OTAA/ABP Class C
People Counting	ToF FoV	92.5° Horizontal, 67° Vertical, Accuracy: 99.5%
	Detection Range	0.5 to 3m (Installation Height ≤ 3m)
	Local Storage	1, 000, 000 Data Records
	Configuration	1 x Wi-Fi Interface (IEEE 802.11 b/g/n, 2.4GHz)
Physical Characteristics	Power Supply	Ⓜ 12 VDC, 2A by Terminal Block Ⓜ 1 × 802.3 at PoE Input
	Operating Temperature	-10°C ~ +60°C
	Dimension	140 × 50 × 50 mm (5.51 × 1.97 × 1.97 in)
	Ethernet Port	1 × RJ45 10/100 Mbps Ethernet Port (PoE PD), Provides CGI for Integration
	Installation	Ceiling Mounting, Wall Mounting, Embedded Mounting

Bathroom Occupancy Sensor

VS330 combines ToF and PIR technology for accurate detection, solving the ultimate difficulty in public toilets and bathrooms.



Overall Features

- Combine PIR & ToF Technology with Low Power Consumption
- Detection & Report with Smart Logic Achieving 99.5% Accuracy
- Compliant with GDPR & 100% Anonymous Detection
- Real-Time Data Collection at a 10-Second Intervals for Prompt and Accurate Updates
- Conformal Coating on PCBA and Rotatable Probe for Reliable Usage

VS330

Model		VS330	
Wireless Transmission	Technology	LoRaWAN®	
	Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4	
	Mode	OTAA/ABP Class A	
Measurement	ToF	ToF FoV	27°
		Detection Accuracy and Range	±2cm, 0.040 ~ 3.500m
	PIR	Detection Area	80°
		Detection Distance	Maximum 2.5m
	Others	Sensor Adjustable Angle	0°, 15°, 30°, 45°, 60°, 75°
Physical Characteristics	Configuration	Mobile App via NFC	
	Power Supply*	Easily Replaceable Batteries with up to 4-Year Battery Life	
	Button	1 × Power/Reset Button	
	Ingress Protection	IP30	
	Dimension	Φ100 x 24 mm (Φ3.94 x 0.95 in)	
	Installation	Ceiling Mount or Wall Mount via Screws or 3M tapes	