

# Revolutionize Space Management with Milesight VS Series Occupancy & People Counting Solutions

XIAMEN, FUJIAN, CHINA, June 18, 2024 /EINPresswire.com/ -- In an era where data-driven decision-making is pivotal, understanding and optimizing the use of spaces has become a critical need for businesses, institutions, and public spaces. Milesight's VS Series Occupancy & People Counting sensors stand at the forefront of this revolution, offering sophisticated, reliable, and precise solutions to monitor and manage people flow and space utilization.

## What Are Milesight's [VS Series Sensors](#)?

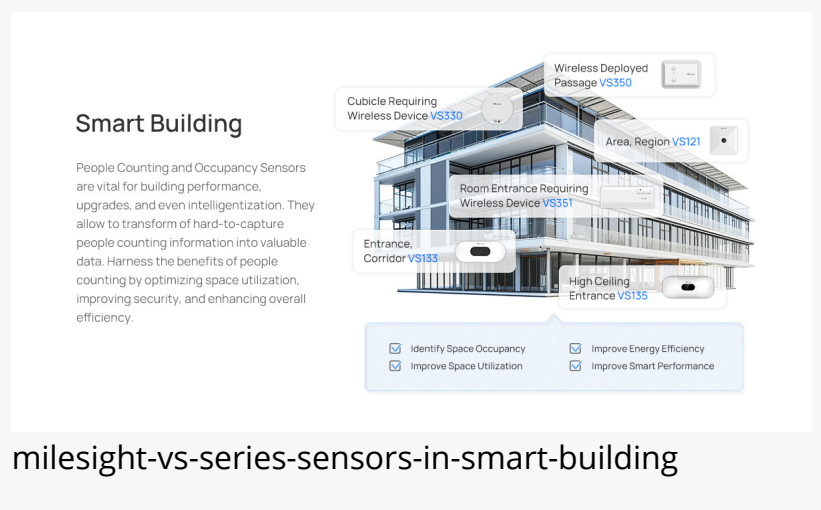
Milesight's VS Series encompasses a range of advanced sensors specifically designed to accurately count people and monitor occupancy levels in real-time. These sensors leverage cutting-edge AI algorithms and state-of-the-art technology to provide high accuracy and reliable data, catering to diverse environments such as offices, retail spaces, transportation hubs, and educational institutions.

### Key Features and Benefits

- Heat Map: Visualize movement trends with heat maps.
- Group Counting: Realizes group counting to gain deeper insights into customers' behaviors and shopping preferences.
- Shopping Cart Detection: Detect customers' shopping cart fill level to enable an in-depth understanding of customer purchasing behavior.
- Dwell Time Detection: Capture foot traffic and duration within customized regions to get



milesight-people-counting-and-occupancy



milesight-vs-series-sensors-in-smart-building

valuable dwell time information.

- Multi-Device Stitching: Smoothly fuse multiple sensors to extend the covering area.
- Staff Detection: Identify Staff by reflective strip or staff lanyard.
- Adults/Children Differentiation: Differentiate adults and children by height setting.

### Applications Across Industries

- Corporate Offices  
Optimize workspace utilization by monitoring the occupancy of meeting rooms, workstations, and communal areas. This data helps in rearranging layouts, scheduling meetings, and improving overall office efficiency.

### - Retail and Shopping Malls

Understand customer behavior and flow to enhance the shopping experience. Accurate footfall data helps in optimizing staff deployment, managing queues, and tailoring marketing strategies to increase sales.

### - Transportation Hubs

Ensure smooth passenger flow in airports, train stations, and bus terminals. Real-time occupancy data aids in managing crowds, enhancing safety, and improving passenger experiences.

### Success Stories

[1000+ People Counting Sensors](#) Improve Business in 700+ Retail Stores in Europe

The Milesight AI ToF People Counting Sensor VS133 has been successfully deployed in over 700 retail stores across Europe, with more than 1,000 devices installed. This project caters to a wide range of industries, including clothing, retail, jewelry, cosmetics, and more. Leading retail brands such as JOTT, Herno, Hawkers, and many others have benefited from this solution, achieving efficient operations and enhancing their overall performance.

### Product Highlights

[VS135 Ultra ToF People Counter](#)

VS351 Mini AI Thermopile People Counter

VS360 IR Breakbeam People Counter

The infographic is divided into two main sections: 'People Counting' and 'Space Occupancy'. Each section features a central 3D floor plan of an office building with callouts to various sensor locations. Surrounding the floor plan are detailed cards for each sensor type, including their model names, accuracy, technology, functionality, and application scenarios. The 'People Counting' section includes sensors for indoor, high-ceiling indoor/semi-outdoor, wireless indoor entrance, wireless indoor passage, indoor semi-open area, and indoor regional people counting. The 'Space Occupancy' section includes sensors for wireless desk & seat, space occupancy detection, and wireless cubicle occupancy detection.

### People Counting

- A Indoor People Counting**  
VS135 Ultra ToF People Counter
  - Accuracy: Up to 99.8%
  - Technology: AI, 2<sup>nd</sup> Generation ToF
  - Functionality: Bi-Directional/Regional People Counting, Dwell Time Detection
  - Application scenario: Retail, Building, Airport, Supermarket
- B High Ceiling Indoor & Semi-Outdoor People Counting**  
VS133 AI ToF People Counting Sensor
  - Accuracy: Up to 99.8%
  - Technology: AI, 2<sup>nd</sup> Generation ToF
  - Functionality: Bi-Directional/Regional People Counting, Dwell Time Detection
  - Application scenario: Retail, Building, Airport, Supermarket
- F Wireless Indoor Entrance People Counting**  
VS351 Mini AI Thermopile People Counter
  - Accuracy: Up to 99.8%
  - Technology: Radar, Thermopile
  - Functionality: Bi-Directional/Regional People Counting, Dwell Time Detection
  - Application scenario: Meeting Room
- E Indoor Semi-Open Area People Counting**  
VS360 IR Breakbeam People Counter
  - Accuracy: Multiple People ~80%
  - Technology: IR Breakbeam
  - Functionality: Bi-Directional People Counting
  - Application scenario: Open Space People Counting
- C Wireless Indoor Passage People Counting**  
VS350 Passage People Counter
  - Accuracy: Multiple People ~80%
  - Technology: Dual PIR
  - Functionality: Bi-Directional People Counting
  - Application scenario: Retail, Workplace, Restroom
- D Indoor Regional People Counting**  
VS127 AI Workplace Occupancy Sensor
  - Accuracy: Up to ~95%
  - Technology: AI, RGB
  - Functionality: Bi-Directional/Regional People Counting, Multi-Zone Occupancy Detection, Occupancy Detection
  - Application scenario: Retail, Workplace, Airport

### Space Occupancy

- A Wireless Desk & Seat Occupancy Detection**  
VS36e Desk & Seat Occupancy Sensor
  - Accuracy: VS36d: Up to 90%, VS36f: Up to 98%  
\*Will be influenced by environmental temperature
  - Technology: VS36d: PIR, VS36f: PIR, Thermopile
  - Functionality: Desk & Seat Occupancy
  - Application scenario: Workstation
- B Space Occupancy Detection**  
VS121 AI Workplace Occupancy Sensor
  - Accuracy: Up to 99.5%  
\*Will be influenced by outdoor sunlight  
\*Not appropriate for some cubicles
  - Technology: PIR, ToF
  - Functionality: Bi-Directional/Regional People Counting, Multi-Zone Occupancy Detection, Occupancy Detection
  - Application scenario: Workplace, Cubicle
- C Wireless Cubicle Occupancy Detection**  
VS330 Cubicle Occupancy Sensor
  - Accuracy: Up to 99.8%
  - Technology: AI, 2<sup>nd</sup> Generation ToF
  - Functionality: Bi-Directional/Regional People Counting, Multi-Zone Occupancy Detection, Occupancy Detection
  - Application scenario: Retail, Building, Airport, Supermarket

VS133 AI ToF People Counting Sensor  
VS350 Passage People Counter  
VS121 AI Workplace Occupancy Sensor

Milesight's VS Series Occupancy & People Counting sensors are revolutionizing how spaces are managed. By providing precise, real-time data, these sensors enable better decision-making, enhanced safety, and improved efficiency. Whether you are looking to optimize a small office or manage a large public space, Milesight's VS Series offers the tools you need to succeed.

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