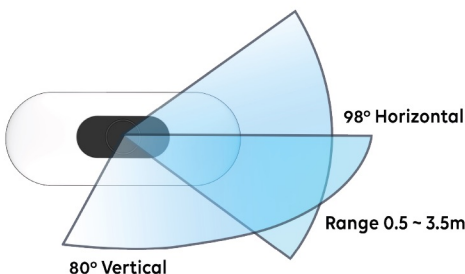




Description

The VS133 is an advanced AI-powered people counting sensor that leverages second-generation Time-of-Flight (ToF) technology combined with embedded AI algorithms. Designed for high-traffic environments and complex scenes, it delivers precise, anonymous people counting with an industry-leading accuracy of up to 99.8%. The sensor supports both LoRaWAN® & Ethernet (VS133-P) connectivity options, ensuring seamless integration into various infrastructures.

Feel free to quote for bulk order prices.



Features

People Counting

- Up to 99.8% accuracy by 2nd generation ToF technology & AI algorithm
- Up to 4 counting lines for bi-directional line-crossing people counting
- Smart U-turn Filtering sorts out redundant entries & exits
- Operates effectively in varying low-light & completely dark environments
- ToF Invisible Light Beam of 940nm
- Measuring Accuracy of < 3.5cm
- Wide FoV (98° horizontal, 80° vertical) and a detection range of 0.5 to 3.5m
- Differentiates between adults & children, staff and visitors
- Detects groups based on patterns of distance, moving direction and speed
- Generates heat maps to visualize foot traffic intensity and distribution

Wireless Transmission

- Protocol: LoRaWAN®
- Frequency: CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4
- Tx Power: 16 dBm (868 MHz)/20 dBm (915 MHz)/19 dBm (470 MHz)
- Sensitivity: -137 dBm @300bps
- Mode: OTAA/ABP Class C

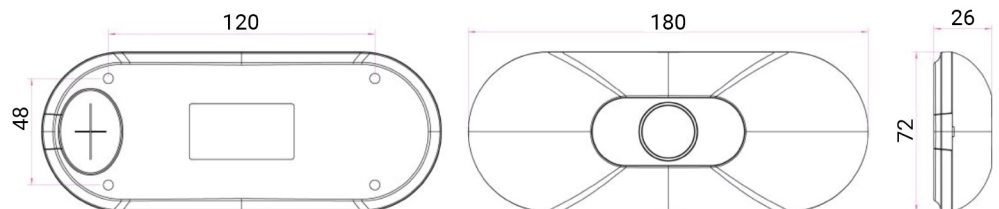
Other Interfaces

- WiFi: IEEE 802.11 b/g/n, 2.4GHz (AP Mode for Configuration)
- 1x WiFi/Reset Button
- 1x RGB LED Indicator
- 1x DC Jack Connector for Power Input

Physical Characteristics

- Local Storage: Up to 1 million data records and supports csv file exports
- Power Supply: 12VDC / 2A
- Power Consumption: Typical 7.8W, Max. 22.2W
- Operating Temperature: -20°C ~ +50°C
- Relative Humidity: 0 ~ +95% (Non-condensing)
- Ingress Protection: IP40
- Installation: Ceiling Mounting, Extended Ceiling Mounting & Lintel Mounting (with Optional Multifunctional Bracket)

Dimensions



Weight: 226g

People Count Sensor VS133



Please look for our sales team to arrange a demo session today!

🌐 www.komstadtinc.com ✉ sales-na@komstadt.com