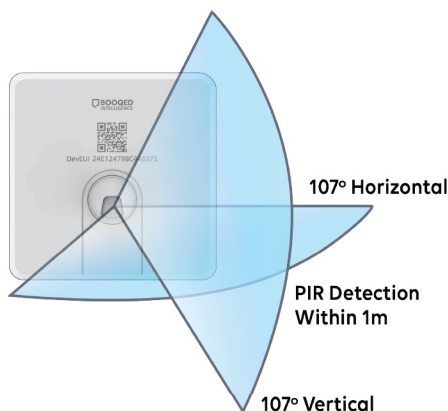




Description

The VS341 is a premium, battery-powered desk and seat occupancy sensor that combines Passive Infrared (PIR) detection with Thermopile IR technology for superior accuracy & responsiveness. Designed for dynamic spaces like hot-desking environments, libraries, and meeting areas, the VS341 delivers up to 98% recognition accuracy, rapid detection, and ensures complete privacy with motion-based sensing. Its ultra-low power design enables 5 years of battery life, while LoRaWAN® and Mulesight D2D protocols offer seamless wireless connectivity. With adjustable PIR covers & one-touch NFC configuration, the VS341 is a flexible, non-invasive solution for smart space utilization.

Feel free to quote for bulk order prices.



Features

Occupancy Detection

- Up to 98% accuracy using dual sensing with PIR + Thermopile IR technology
- Detects occupancy in ~13 seconds; vacant occupancy in ~60 seconds
- Flexible detection field angles & ranges with interchangeable PIR covers
- Enables ultra-low latency and direct control without gateways via Mulesight D2D protocol
- NFC-equipped for one-touch configuration; supports card emulation mode
- Safe & reliable; made with V0 grade flame-retardant material
- Compatible with Mulesight IoT Cloud & Mulesight Development Platform

Wireless Transmission

- Protocol: LoRaWAN®, Mulesight D2D
- Frequency: CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4
- Sensitivity: -137dBm
- Mode: OTAA/ABP Class A

Other Interfaces

- 1x Power/Reset Button (Internal); 1x Status Indicator
- Power On/Off via Mobile App or Power Button
- Advanced Feature: Mulesight D2D Controller

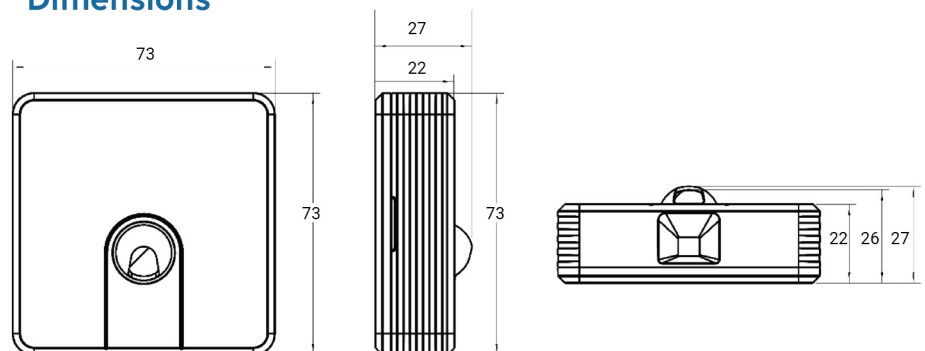
Physical Characteristics

- Power Supply: 1x 4000 mAh ER18505 Li-SOCL₂ Battery
- Battery Life²: Around 5.2 Years (100 Triggers per Day, LED Disabled, 25°C)
- Operating Temperature: -20°C ~ +60°C
- Relative Humidity: 0 ~ 95% (Non-condensing)
- Ingress Protection: IP30
- Color & Material: White + Grey, PC + ABS (Flame Retardant)
- Installation: 3M Tape Mounting, Wall Screw Mounting

PIR Cover Detection Area & Usage Scenario

	70° Horizontal, 60° Vertical, 1 m × 0.9 m	Single Person Desk
	70° Horizontal, 107° Vertical, 1 m × 1.8 m	Face-to-face Desk
	107° Horizontal, 53.5° Vertical, 1.8 m × 0.9 m	Bar Table
	107° Horizontal, 107° Vertical, 1.8 m × 1.8 m	Round Table
	N/A	To be tailored as required

Dimensions



Weight: 90g

Occupancy Sensor VS341



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

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