

# VS330



## Bathroom Occupancy Sensor

Time-of-Flight (ToF) technology and PIR Sensor

**VS330 identify the human body and motions with smart logic and an industry-leading accuracy exceeding 99.5%.**

**VS330 easily adjust its sensor angle to different scenarios with 100% anonymity and low power consumption.**

**VS330 is effective in low-light or completely dark environments.**

**Damp-proof internal coating ensure that VS330 works well in various conditions within bathrooms, e.g., within cubicles.**

**VS330 applies 3 × 4000 mAh batteries providing around four-years battery life.**

**VS330 is equipped with NFC for easy mobile app configuration (Android and iOS).**

**VS330 is compliant with standard LoRaWAN<sup>®</sup> gateways and network servers.**

# VS330



## Bathroom Occupancy Sensor

Time-of-Flight (ToF) technology and PIR Sensor

### Wireless transmission

Technology	LoRaWAN®
Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4
Tx Power	16 dBm (868 MHz)/19 dBm (470 MHz)/22 dBm (915 MHz)
Sensitivity	-137dBm
Mode	OTAA/ABP Class A

### ToF

Field of view	27°
Detection range	0.04 ~ 3.5m
Accuracy / Resolution	± 2cm / 1mm

### PIR

Field of view	80°
Detection distance	Maximum 2.5m

### Others

Sensor adjustable angle	0°, 15°, 30°, 45°, 60°, 75°
LED / Reset button	1 × Status and test indicator / 1 × Power and reset button
Configuration	Mobile App via NFC

# VS330



## Bathroom Occupancy Sensor

Time-of-Flight (ToF) technology and PIR Sensor

### Physical characteristics

Power supply	3 x 4000 mAh ER18505 Li-SOCI2 Replaceable batteries
Battery life	Around 4 years (90 users + within 7 consecutive hours per day For guideline purposes only!
Operating temp.	-20°C to +60°C
Relative humidity	0% to 95% non-condensing
Ingress protection	IP30
Dimension/Material	Φ100 x 24 mm (Φ3.94 x 0.95 in) / PC+ABS (Flame retardant), white
Installation	Ceiling mount or wall mount via screws or 3M tape

### Dimensions in mm

