



Window Sensor

Monitor exits and entrances of buildings

The Window Sensor detects and reports the opening and closing of doors and windows and monitors temperature. The functionalities of the window sensor make it ideal for home care, automatic lighting, access control, and home security solutions.

As part of a home care solution, the Window Sensor can monitor seniors' activities, like opening windows and leaving the house, to give insights into their wellbeing. Attached to a fridge or medicine cabinet, the Window Sensor can also inform about the resident's eating and medication habits.

In a smart security solution, Window Sensors can detect and warn about intruders and enable your customers to react quickly. When your customer leaves the house and enables an alarm system, the Window Sensor can notify if any windows were left open.

Key features:

- Magnetic sensor - IAS Zone
- Dual output Alarm, open/close
- 9 years+ battery life
- Long distance (neodym magnet)
- Temperature detection
- Tamper protection
- Zigbee certified

Zigbee sensor with long battery life

The Window Sensor is easily installed on any door or window, the sensors trigger a signal when parted from the magnet, notifying the user when a room is entered.

The Window Sensor also features a built-in temperature measuring functionality that measures changes in room temperature, down to a 0.1°C interval.

The Window Sensor operates under the Zigbee standard, ensuring compatibility with other Zigbee certified products. The Zigbee Home Automation Window Sensor is configured as an end-device.

A battery life average of 6 years ensures minimal maintenance. The sensor is available in two versions:

Features	Full	Basic
Open / close	x	x
Alarm	x	x
Temperature sensor	x	
Tamper switch	x	
Screw mounting	x	

A basic version of the sensor is available for high-volume rollout (MOQ 3,000). Reduce the number of features and keep the cost down.



Window Sensor - Technical specifications

Model numbers: WISZB-120 (Full version), WISZB-121 (Basic version)

General

Dimensions (W x H x D)	76 x 26 x 17 mm (sensor part) 30 x 12 x 9 mm (magnetic part)
Color	White
Power supply	Battery: 2 x AAA, exchangeable Battery life: 9 years of battery life, when reporting every 2 min Battery level and low battery warning can be reported
Radio	Sensitivity: -98 dBm Output power: +6 dBm
Environment	IP class: IP40 Operation temperature 0 to +50°C Relative humidity 5% - 85%, non condensing

Functions

Temperature sensor	Range: 0 to +50°C Resolution: 0.1°C (accuracy Typ ±0.5°C and Max ±2°C) Sample time: config.: 2 s -65,000 s Reporting: configurable
Detection	Magnetic: 0.1-1.0 cm

Communication

Wireless protocol	Zigbee Home Automation Zigbee end-device
-------------------	---

Certifications

Conforming to CE, FCC, IC, ISED, RED and RoHS directives
Zigbee Home Automation 1.2 certified