



Window Sensor

Monitor exits and entrances of buildings

The Window Sensor detects and reports the opening and closing of doors and windows. Easily installed on any door or window, the sensors trigger a signal when parted, 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.

Key features:

- Magnetic sensor - IAS Zone
- Temperature sensor
- Zigbee Home Automation 1.2 certified

Automatic lighting, access control and home security

The functionalities of the window sensor make it ideal for any smart home or building security solution.

Readings from the sensor can be sent via a smart home or building management system to your customer's smart phone or tablet. The increased awareness of temperature and daily power consumption can help your customers decrease their heating costs.

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 ± 0.5°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
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Certifications

Conforming to CE, RoHS and REACH directives
Zigbee Home Automation 1.2 certified