Entry Sensor & Entry Sensor Pro integrated into W13 Portal
Monitor exits and entrances of buildings

The entry sensors detect and report the opening and closing of doors and windows and monitor temperature. The functionalities of the sensors make it ideal for home care, automatic lighting, access control, and home security solutions.

As part of a home care solution, the entry sensors 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 entry sensors can also inform about the resident's eating and medication habits.

In a smart security solution, entry 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, an entry sensor can notify if any windows were left open.

- Magnetic sensor - IAS Zone
- Dual output Alarm, open/close
- 9 years+ battery life
- Long distance (neodymium magnet)

- Temperature detection
- Tamper protection
- Zigbee certified

Zigbee sensor with long battery life

The entry sensors are 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 Entry Sensor Pro also features a built-in temperature measuring functionality that measures changes in room temperature, down to a 0.1°C interval.

The entry sensors operate under the Zigbee standard, ensuring compatibility with other Zigbee certified products. The Zigbee Home Automation entry sensors are configured as end-devices.

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

Features	Pro	Basic
Open / close	X	X
Alarm	X	X
Temperature sensor	X	
Tamper switch	X	
Screw mounting	X	X

*requires a hub that supports configuration

Entry Sensor & Entry Sensor Pro - Technical specifications

Model numbers: WISZB-121 (Basic) and WISZB-120 (Pro)

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
Weight	28.8 g (with packaging: 93.1 g)
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: configurable*: 2 s -65,000 s
	Reporting: configurable*
Detection	Magnetic: 0.1-1.0 cm

Communication

Wireless protocol	Zigbee Home Automation
	Zigbee end-device

Certifications

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

*requires a hub that supports configuration

zigbee
certified
product