

ZigBee IAS Window Switch aa

General

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 door is open or a window is open.

The functionalities of the window sensor make it ideal for automatic lighting, access control, and home security solutions.

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.



Specifications

Voltage: 3 VDC (2xAAA Batteries)

Battery life:

6 years, reporting every 2 min.

Battery warning: < 2.2V

Radio Features:

Sensitivity: -98 dBm

Output power: + 8dBm

Detection:

Magnetic: 1-10 mm

Environment

Temp.: 0°C to +50°C

IP class: IP40

Humidity: 5-85% non condensing

Dimensions

HxD: 76x26x17 mm

Weight: 0.1 kg

Colour/Material: White/Plastic

Standard

ZigBee Home automation certification

Markings

Develco

WISZB-120

Document:

551201 ZigBee IAS Window Switch aa

Category:

Accessories

Id: MRP

Rev:2018.09.18



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Text

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Installation

Open the casing of the device by pushing the fastening on top of the device to remove the front panel from the back cover.

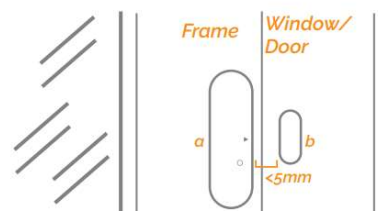
Insert the enclosed batteries into the device, respecting the polarities. Close the casing.

Clean the surface before mounting. • The Window Sensor (a) should be mounted to the frame using the double stick tape, already applied on the back of the sensor and magnet. Press firmly to secure sensor.

The magnet (b) should be mounted on the door or window no further than 5mm away from the arrow on the sensor.

The Window Sensor will now start searching (up to 15 minutes) for a Zigbee network to join. 5. Make sure that the Zigbee network is open for joining devices and will accept the Window Sensor.

For further information, see the FLEX installation manual.



Operating

After installation of the batteries, The Window Sensor will now start searching (up to 15 minutes) for a Zigbee network to join. Make sure that the Zigbee network is open for joining devices and will accept the Window Sensor.

Factory reset:

Open the casing of the device by pushing the fastening on top of the device to remove the front panel from the back cover. 2. Remove the batteries and reinsert the batteries 3. Press and hold down the reset button for approximately 8-10 seconds. The button has to be pushed within one minute after inserting the batteries.

When the red light starts flashing every second, the reset process has been successfully implemented



Maintenance

Open the window/door and check that the green LED on the device turn on. Check also that the 'network' receive the signal. Replace the batteries for every 6 years.

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