OPERATING MANUAL

DOOR / WINDOW SENSOR

JWZH-0-2015-4

The Door/Window sensor JWZH-0-2015-4 is a wireless, battery powered binary sensor which designed for use in home automation systems and place where information related to opening /closing.

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

Technical Data

Power Supply: AAA 1.5V*2 Battery
Working Temperature 0~40 ℃
Operating Humidity <80%
Communication Technology: Z-Wave
Communication Frequency: 868.42 MHZ
Transmission Speed 9.6/40/100 kbps

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The tamper switch at the back side of the Door/Window sensor can be used to add /remove the sensor from Z-Wave network, or reset the sensor to factory default.
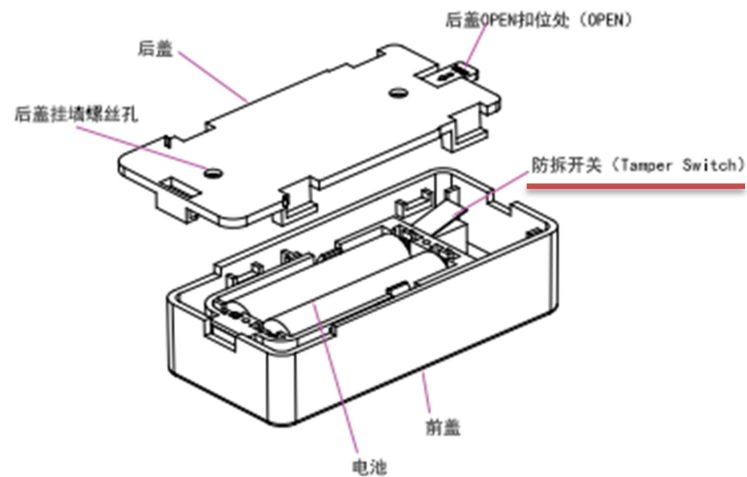

Figure1: Tamper Switch

Add to Z-Wave network

1, Have Z-Wave controller entered the inclusion mode.
2, Press the tamper switch of the sensor three times within 1.5 seconds.
3, Device added successful.

Remove from Z-Wave network

1, Have Z-Wave controller entered the exclusion mode.
2, Press the tamper switch of the sensor three times within 1.5 seconds.
3, Node has been excluded.

Note:The distance between sensor and controller is suggested to be in one meter

Reset Locally

When the sensor is in Z-Wave network, press five times the tamper switch within 1.5 seconds, and do not release the switch at last press until the LED lighting, then the sensor has been set to factory default.
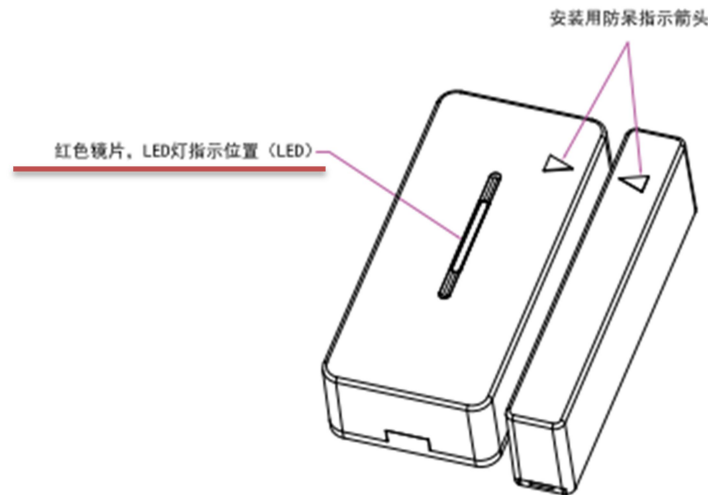

红色镜片，LED灯指示位置（LED）

安装用防呆指示箭头

Figure2: LED

Wake Up

Pressing the tamper switch one time within 1.5 seconds, the sensor will woke up and waiting for commands from the Z-Wave Controller, then go to sleep again after 10 seconds or sleep immediately when receive wake up no more information command. By default, the sensor wake up one time per 12 hours and can be modified by wake up interval set command.

Notification

Opening Event

When the magnet leaving from the sensor's main body, the Door/Window opening event triggered.

Closing Event

When the magnet closing to the sensor's main body, the Door/Window closing event triggered.

Tamper Event

The tamper switch will be pressed constantly when the sensor has been installed properly on the door/window, then a tamper event will be triggered if the tamper switch releasing.

Low Battery Event

   Low battery event will be triggered when the sensor detect a low battery voltage (<2.4V).

Command Class Support

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COMMAND_CLASS_ZWAVEPLUS_INFO,
COMMAND_CLASS_DEVICE_RESET_LOCALLY,
COMMAND_CLASS_NOTIFICATION,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_ASSOCIATION,
COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_VERSION,
COMMAND_CLASS_WAKE_UP,
COMMAND_CLASS_BATTERY,
COMMAND_CLASS_MARK,
COMMAND_CLASS_BASIC,
```

Association

   Association allows the Door/Window Sensor to control another device directly in the Z-wave network.
   The sensor supports one group identifier=1 and supports five association nodes max in each one group.
   The association nodes can be set by association set command.