

# WZB-SGB02 ZigBee Wireless Glass Break Detector



## Features & Benefits

- Compact Size
- Easy Installation
- Energy saving device, CR2032 button battery which can last over 1 year
- Simple to integrate with the ZigBee Smart Home Security System
- HA Profile Compliant.

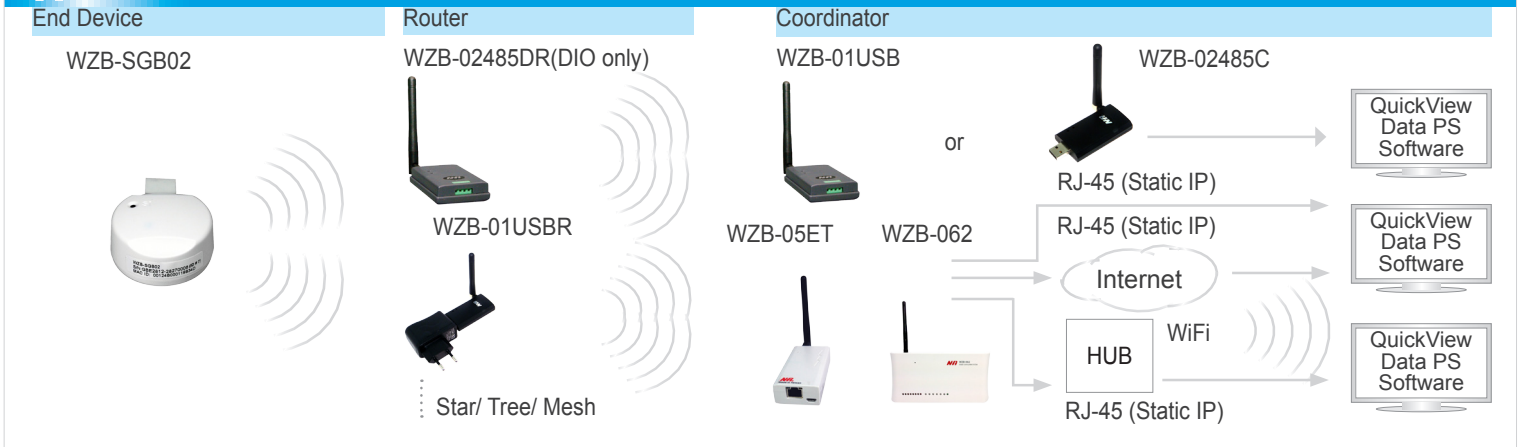
The WZB-SGB02 Glass Break Detector is from the ZigBee Wireless family and can be easily installed and integrated into the ZigBee security systems that are applicable to devices using Digital protocol. The WZB-SGB02 is an End Device and is compliant with ZigBee Wireless network communication with routers and coordinators. The versatility of the WZB-SGB02 Glass Break Detector reduces overhead, thus lowering R&D costs and reducing development schedules.

## Specifications

Sensing Type	---
Sensing Range	---
Measurement Acc	Temperature +/-0.5 °C / Humidity +/-5%
Transmitting Protocol	UART: Modbus RTU / ZigBee: HA profile
Addressing	IEEE MAC 64bit
Wireless Protocol	Compliant IEEE802.15.4 ZigBee 2007/PRO HA Profile
Transmission Range	100 meters / 328 feet (free space)
Operating Frequency	2.4GHz ISM Band
RF Output Power	1mW/ 0dBm
Receiver Sensitivity	-92 dBm

Power Consumption	TX:35mA Sleep:1.3uA
Transmit Interval	---
Network Topology	Star/ Tree/ Mesh
Power Supply	CR2032 Lithium Bottom Battery
Operating Environment	-10 ~ +55°C/ +14 ~ +131°F, 0~95% RH
Dimensions	34(L) mm x 23(W) mm x 10(H) mm
Weight	14.6g
Operating System	Windows 95/ 98/ NT/ 2000/ XP/ Vista/ Win7 / 8
Certifications	CE/ FCC
Battery Life	1 year based on sending data per 1 min.

## Application Solutions



## Ordering Code & Accessories

Solution	Ordering Code	Description
End Device	WZB-SGB02	ZigBee Wireless Glass Break Detector
Router	WZB-02485DR	ZigBee Wireless Router For Digital (DIO Only)
Router	WZB-01USBR	ZigBee Wireless Router

Solution	Ordering Code	Description
Coordinator	WZB-02485C	ZigBee Wireless Coordinator
Coordinator	WZB-062	ZigBee Wireless GSM Alarm System
Coordinator	WZB-01USB	ZigBee Wireless Dongle
Coordinator	WZB-05ET	ZigBee to Ethernet Converter