

# WZB-SMG02

## ZigBee Wireless Magnetic Reed Switch Sensor for Door/Window Entry Warning Alarm



### Features & Benefits

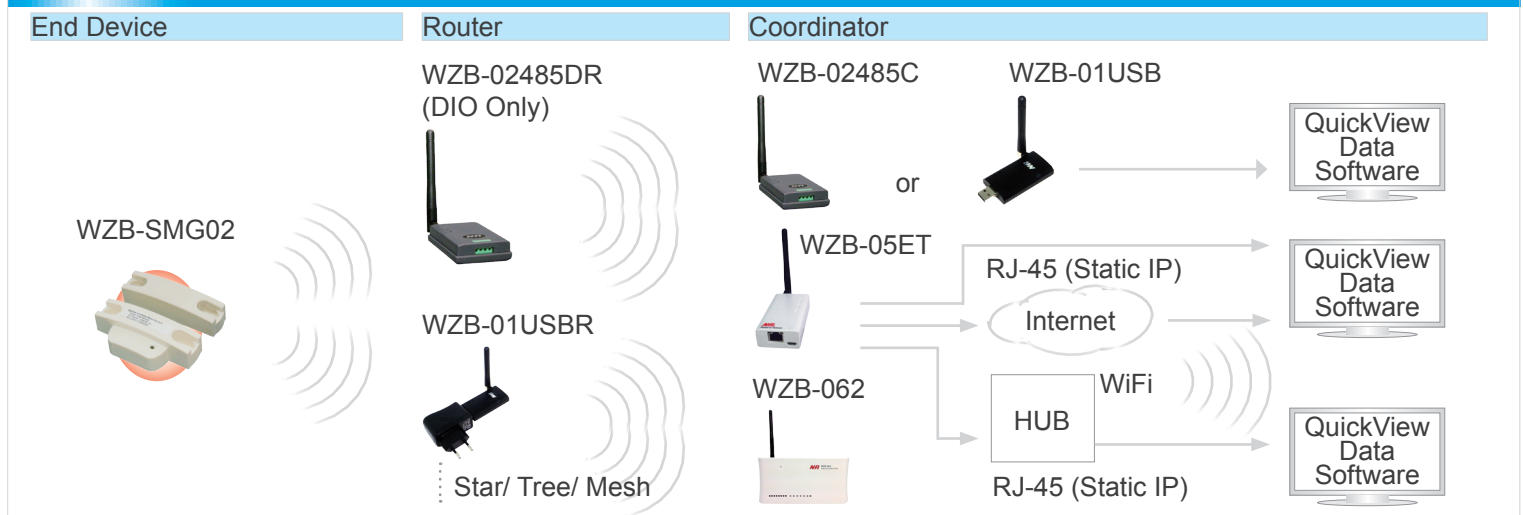
- Compliant with ZigBee Home Automation.
- Energy saving device, CR2032 button battery can last over 1 year.
- Simple to integrate with the ZigBee Smart Home Security System.
- Easy Installation
- HA Profile Compliant.

The WZB-SMG02 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-SMG02 installs within seconds and protects against intrusion by detecting the opening/closing of an electrical switch without compromising convenience. The WZB-SMG02 is an end device and is compliant with ZigBee Wireless network communication with routers and coordinators. The versatility of the WZB-SMG02 Wireless Magnetic Reed Switch Sensor reduces cost of overhead, thus lowering R&D costs and reducing development schedules.

### Specifications

Wireless Protocol	Compliant IEEE802.15.4 ZigBee 2007/PRO HA Profile	Power Supply	CR2032 Lithium Button Battery
ZigBee Device type	IAS Zone	Battery Life	Over 1 year (based on actual environment status)
Frequency	2.4 GHz	Consumption	Standby Mode 1.4µA. Transmitting, 35mA
Receiver sensitivity	-92 dBm	Reed Output Type	Close > 2.5 cm: Open < 2 cm
Transmission Power	0 dBm	Working temperature	-10 °C ~ 50°C, 90% RH Max.
Communication range	100 Meters (in open area)	Dimension	60.5(L) mm X 31(W) mm X 14.5(H) mm.
Network Topology	Star, Tree, Mesh	Weight	46.2g
Auto reconnection	Auto recovery when disconnected.		

### Application Solutions



### Ordering Code & Accessories

Solution	Ordering Code	Description	Solution	Ordering Code	Description
End Device	WZB-SMG02	ZigBee Wireless Magnetic Reed Switch Sensor	Coordinator	WZB-02485DC	ZigBee Wireless Coordinator
Router	WZB-02485DR	ZigBee Wireless router	Coordinator	WZB-062	ZigBee Wireless Alarm System
Router	WZB-01USBDR	ZigBee Wireless Router	Coordinator	WZB-01USBDC	ZigBee Wireless Dongle
			Coordinator	WZB-05ET	ZigBee to Ethernet Converter