

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.

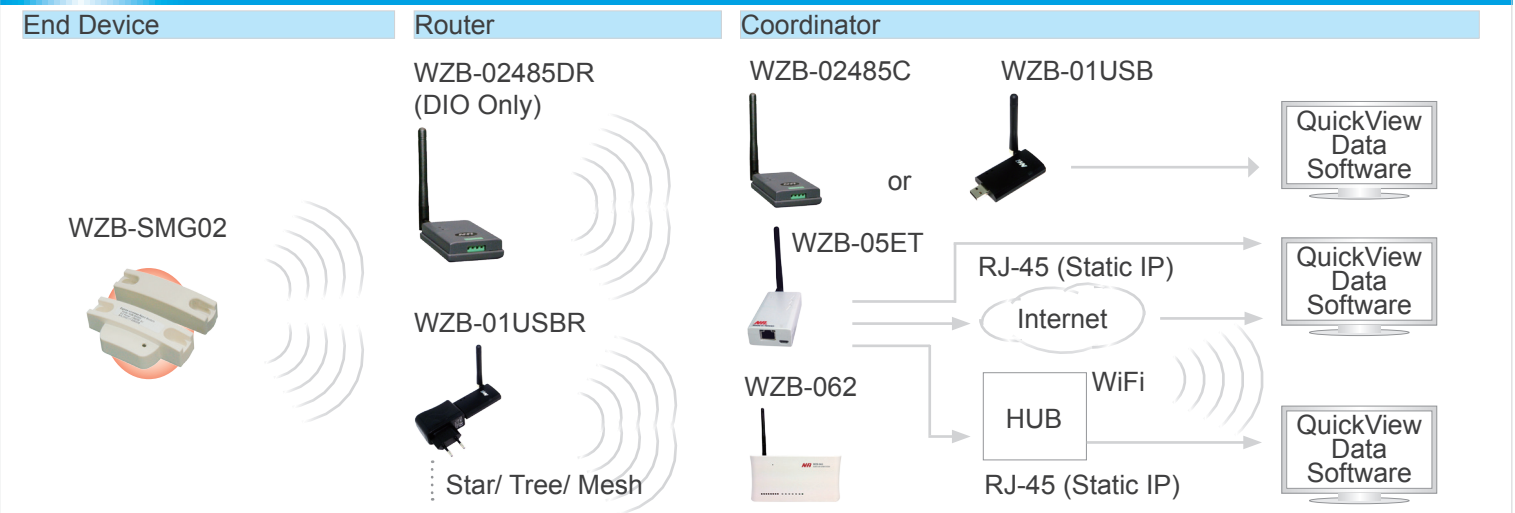
The WZB-SMG02 is from the ZigBee Wireless family and can be easily installed and integrated into the ZigBee security systems that are applicable to devices using Digital protocol. The WZB-SMG02 installs within seconds and protects against intrusion by detecting the opening/closing of an electrical switch 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
ZigBee Device type	IAS Zone
Frequency	2.4 GHz
Receiver sensitivity	-92 dBm
Transmission Power	0 dBm
Communication range	100 Meters (in open area)
Network Topology	Star, Tree, Mesh
Auto reconnection	Auto recovery when disconnected.

Power Supply	CR2032 Lithium Button Battery
Battery Life	Over 1 year (based on actual environment status)
Consumption	Standby Mode 1.4µA. Transmitting, 35mA
Reed Output Type	Close > 2.5 cm: Open < 2 cm
Working temperature	-10 °C ~ 50°C, 90% RH Max.
Dimension	60.5(L) mm X 31(W) mm X 14.5(H) mm.
Weight	46.2g

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



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