

WZB-SPM02 ZigBee Intrusion Detector



Features & Benefits

- Adjustable detection range.
- Watchdog function.
- Temperature compensation.
- Resistant to fire.

The WZB-SPM02 Intrusion 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-SPM02 is an end device and is compliant with ZigBee Wireless network communication with routers and coordinators. The versatility of the WZB-SPM02 Intrusion Detector reduces overhead, thus lowering R&D costs and reducing development schedules.

Specifications

Detection method	Passive Infrared and Microwave
PIR Sensor	Dual-element
Microwave Sensor	X-Band Mono-static DRO
Microwave frequency	10.525 GHz
Mounting Height	2 meter
Power Input	10~16V (12 VDC normal)
Detection Distance	12 meter
Alarm Output (RELAY 2)	N.C , N.O , 30 VDC , 2A max
Failure Detection Output(RELAY 1)	N.C , N.O , 30 VDC , 2A max

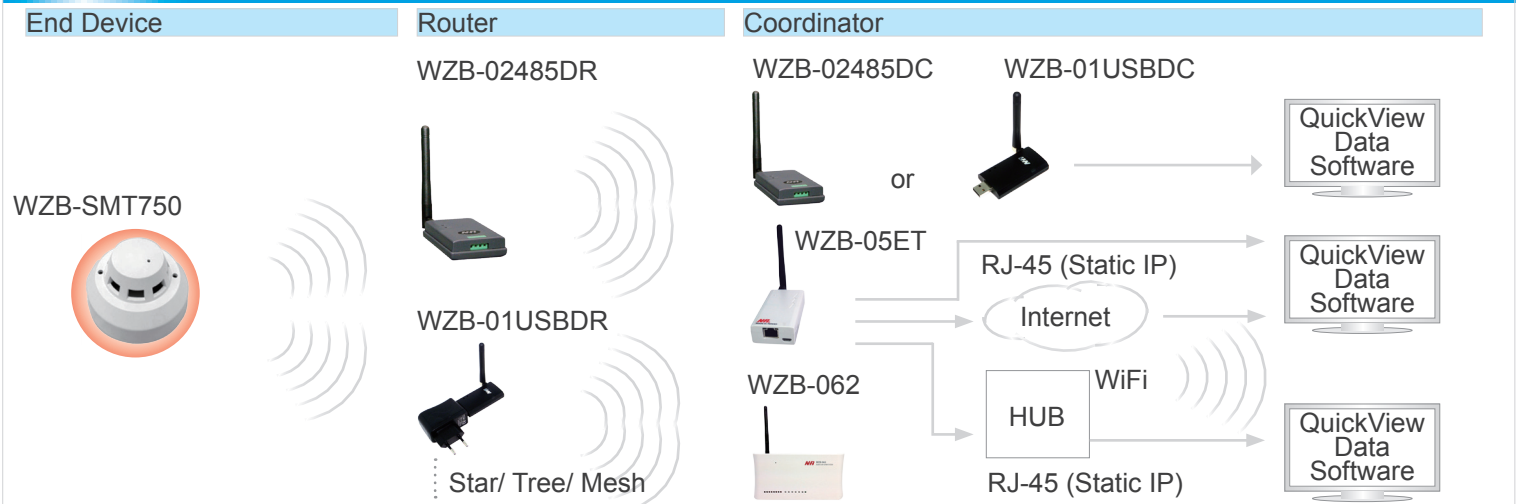
LED Alarm Indicator	LED display for 3 sec
Warm up period	40 seconds
Temperature Compensation	Automatic temperature compensation
Anti-masking	AIR-SENSOR
Microwave power saving ability	Duty Cycle 5%
Auto Reset	Watch Dog Function.
Operating Temperature	-10°C ~ 50°C
Material	ABS/ PC Alloy (Fire Resistant)
Dimensions	132(L) x 65(W) x 54(H) mm

Wireless Settings

Wireless protocol	Compliant IEEE802.15.4 ZigBee 2007/PRO HA Profile
Auto reconnection	Auto reconnection when interrupted
Chip set	TI C 2530F 256, 256K Flash SoC

Transmission distance	100 meters free space.
RF power	0 dBm

Application Solutions



Ordering Code & Accessories

Solution	Ordering Code	Description
End Device	WZB-SPM02	ZigBee Wireless Intrusion Detector
Router	WZB-02485DR	ZigBee Wireless router
Router	WZB-01USBDR	ZigBee Wireless Router

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

