WZB-SMT750
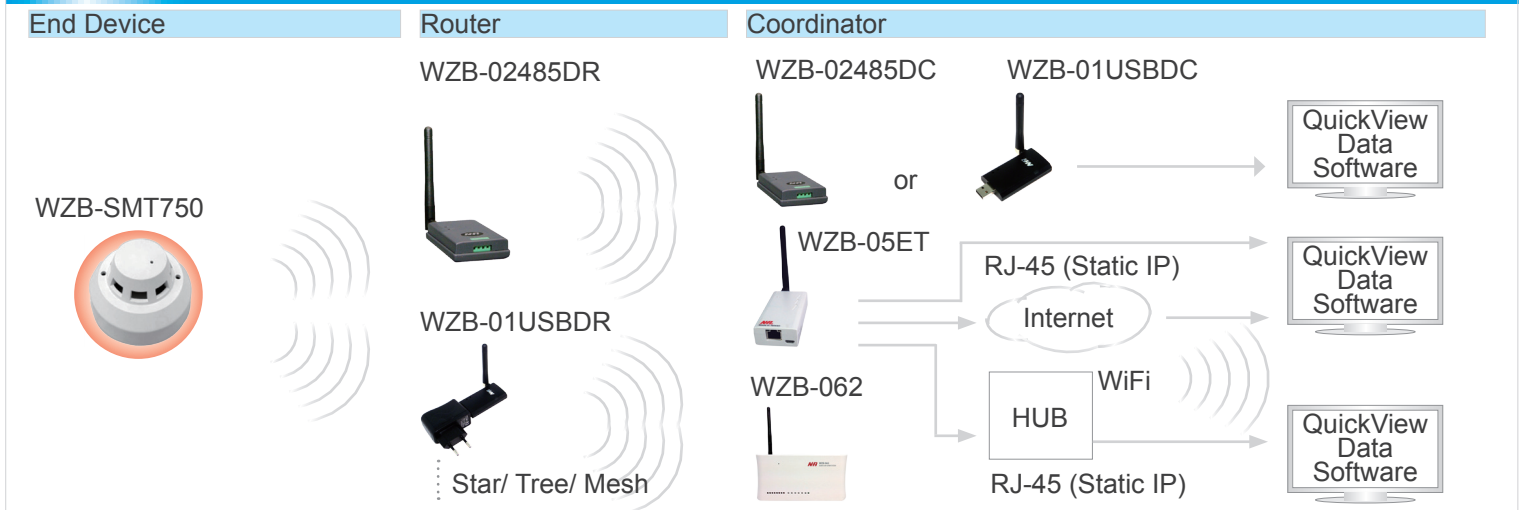## Zigbee Wireless Heat and Smoke Detector

Features & Benefits

- Compliant with ZigBee HA profile.
- Easy installation, needless cable construction.
- Easy for integrate with ZigBee based smart home system
- Photoelectric smoke & heat detector dual tech
- High adaptability of the ambient, with dustproof, mothproof, moisture proof and anti-white light function.
- Double LED indicators.
- HA Profile Compliant.

It is finally time to stop worrying about the messy cables, expensive and tired installation to get my security system running! WZB-SMT750 heat and smoke detector is wireless and installs within seconds. It detects smoke by a couple of infrared diodes, includes a built-in +57°C heat detector. The principle of detecting is granule in the smoke can reflect infrared light. Infrared diodes are placed in the special chamber. The chamber can shield external light, but doesn't affect the smoke into it. While there is no smoke, the diode can receive very weak infrared light.

Specifications

Wireless Protocol	Compliant IEEE 802.15.4, ZigBee2007/PRO	Static current	55uA
Chip Set	TI ZigBee SOC IC CC2530F256, 256K Flash	Alarm current	18mA @ 12V
Transmission Range	100m (in open area)	Alarm indication	Red LED ON
RF Output Power	0dBm	Alarm temperature	57ºC
Receiver Sensitivity	-92dBm	Contact rating	0.5A at DC28V
Power Supply	DC 9-35V	Dimension	Φ 10.3 x 5.3 cm
Operating Environment	-10 ~ +50°C, 90% RH.	Weight	185g
Auto Reconnection	Auto reconnection when interrupted	Certifications	CE/ FCC

Application Solutions

End Device

WZB-SMT750

Router

WZB-02485DR

WZB-01USBDR

Star/ Tree/ Mesh

Coordinator

WZB-02485DC   WZB-01USBDC

or

WZB-05ET

WZB-062

RJ-45 (Static IP)

Internet

WiFi

HUB

RJ-45 (Static IP)

QuickView Data Software

QuickView Data Software

QuickView Data Software

Ordering Code & Accessories

Solution	Ordering Code	Description
End Device	WZB-SMT750	ZigBee Wireless Heat and Smoke 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