

S05-R ZigBee Wireless Router



Product description :

S05-R router is a signal and network extender used to create or expand wireless ZigBee network, which allowing seamless communication between ZigBee enabled devices. Simply plugs S05-R router into a standard power outlet for quick and easy deployment. Once set up, the unit acts as a routing node that providing users with expanded network range and adding redundancy to a mesh network.

Features & Benefits

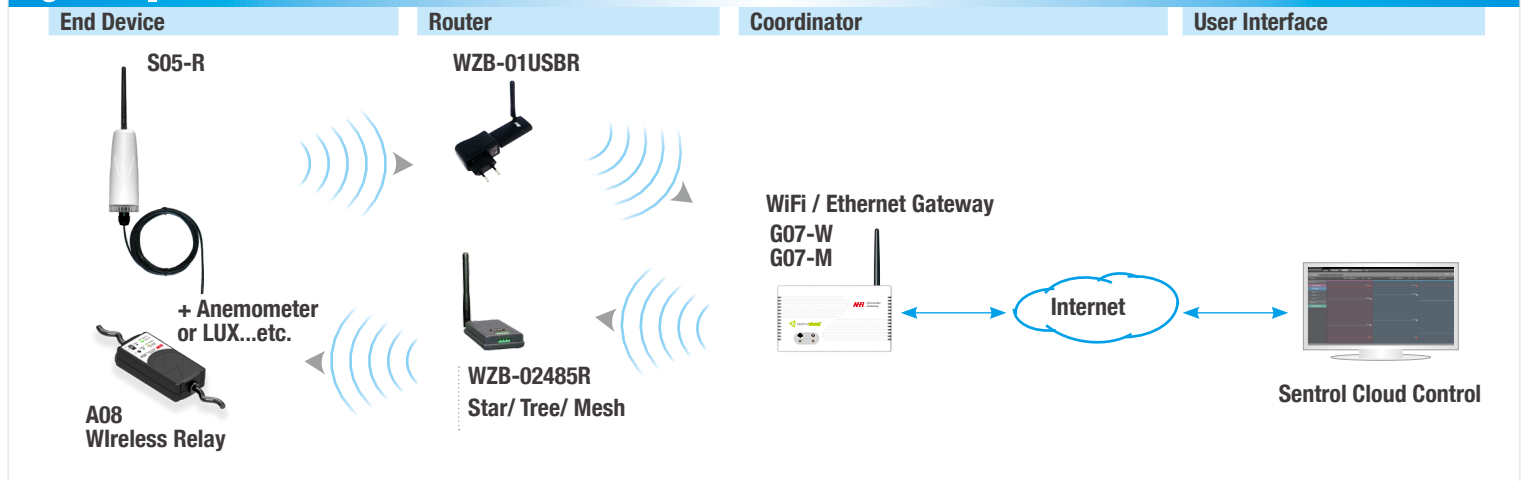
- Simple, secure, and cost-effective solution for transmitting data from NHR devices that are too far away from the receiver or whose signal is blocked by an obstruction or interferences
- Automatically determines the best path to deliver node data back to the receiver
- Improves the reliability and redundancy of data node networks
- 500m/ 1640ft wireless transmission range
- Fitted with UV protection and IP66 Water and dust proofing to protect against the elements

Specifications

Transmitting Protocol	Modbus RTU/ ZigBee: HA profile
Wireless Protocol	IEEE 802.15.4, ZigBee2007/PRO
Transmission Range	500 meters/ 1640 feet (free space)
Operating Frequency	2.4 GHz ISM Band
RF Output Power	18d Bm
Receiver Sensitivity	-92 dBm
Waterproof level	IP66
Power Consumption	0.3W

Network Topology	Star/ Tree/ Mesh
Power Supply	DC-5V
Operating Environment	-10°C ~ 50°C / 14°F ~121°F, 0-95% RH
Dimensions	13(H) x 5(ψ) cm 5.1(H) x 1.9(ψ) inches
Weight	265 g / 9.34 oz
Operating System	Windows 95/ 98/ NT/ 2000/ XP/ Vista/ Win7/ 8
Certifications	CE/ FCC

ZigBee Complete Solution



Product Range & Accessories

Solution	Model No.	Description
End Device	S05-R	Wireless Analog Input 4~20mA transmitter
Relay Router	A08	Wireless Power Meter Actuator
Router	WZB-01USBR	DC 5V Adaptor

Router	WZB-02485R	DC 6 ~ 24V by terminal block
Gateway	G07-W	ZigBee to WiFi / Ethernet Gateway
Gateway	G07-M	ZigBee to 3G / GPRS Gateway
Cloud	Sentrol Cloud	Sensor control cloud service