

WZB-01USBR/ WZB-01USBC ZigBee Wireless USB Dongle/ Router



Features & Benefits

- Designed specifically for connecting with PC/Laptop via USB connector for the purpose of monitoring and analyzing data over the PC software.
- ZigBee Home Automation Profile compliant means the device is compatible with other ZigBee Certified products. With its external antenna design, the non-directional broadcast capability allows users easily install in almost any angle without compromising signal strengths.
- External antenna design, with its non-directional broadcast capability, user can easily install in almost any angle without compromising signal strengths.
- Support Zigbee wireless topology, Star, Tree and MESH that can satisfy various application cases.
- Bonus-bundled QuickView PC software that enables user to monitor and analyzing the data via Nietzsche Enterprise's full range wireless ZigBee sensors. External antenna, with its non-directional broadcast capability, user can easily install in almost any angle without compromising signal strengths.

The Wireless Zigbee USB Dongle from Nietzsche can be quickly and easily connected to a host computer the dongle provides a simple method of integrating ZigBee into computers, gateways and /or bridge devices. With it is compliant with Zigbee Home Automation protocol the dongle can be highly compatible with other ZigBee Certified products. With its external antenna design, the non-directional broadcast capability allows users easily install in almost any angle without compromising signal strengths. It Supports Zigbee wireless topology, Star, Tree and MESH that can satisfy various application cases with our Wireless Zigbee USB dongle, Nietzsche Enterprise wireless ZigBee dongle is the best choice to start your own Zigbee wireless network.

Specifications

Transmitting Protocol	UART: Modbus RTU / ZigBee: HA profile	Network Topology	Star/ Tree/ Mesh
Wireless Protocol	IEEE 802.15.4, ZigBee2007/PRO	Power Supply	DC6~24V
Transmission Range	500 meters / 1640 feet (free space)	Operating Environment	-20 ~ +80°C, / -4 ~ +176°F ,0~95% RH
Operating Frequency	2.4GHz ISM Band	Dimensions	80(L) x 43(W) x 11(H) mm
RF Output Power	18dBm	Weight	25g / 0.9oz
Receiver Sensitivity	-92dBm	Operating System	Windows 95/ 98/ NT/ 2000/ XP/ Vista/ Win7 / 8
Power Consumption	0.3W	Certifications	CE/ FCC
Transmit Interval	150ms		

Application Solutions



Ordering Code & Accessories

Solution	Ordering Code	Description	Solution	Ordering Code	Description
End Device	STH-01ZB	ZigBee Wireless T/H data logger	Router	WZB-01USBR	ZigBee Wireless router
End Device	STH-M02ZB	ZigBee Wireless T/H sensor	Router	WZB-02485R	ZigBee Wireless router (Modbus only)
End Device	WZB-SGB02	ZigBee Wireless glass break sensor	Router	WZB-02485DR	ZigBee Wireless router (DIO only)
End Device	WZB-SSM703	ZigBee Wireless smoke detector	Coordinator	WZB-01USB	ZigBee Wireless dongle



Nietzsche Enterprise Co., Ltd.
 Tel: +886-2-2223-1118
 4F., No.560, Sec. 2, ChungShan Rd., Chung Ho Dist., New Taipei City 235, Taiwan

Fax: +886-2-2223-5333

<http://www.nhr.com.tw/>
 E-mail: service@nhr.com.tw