

RC02 ZigBee Home Automation Smart Remote Controller



Features & Benefits

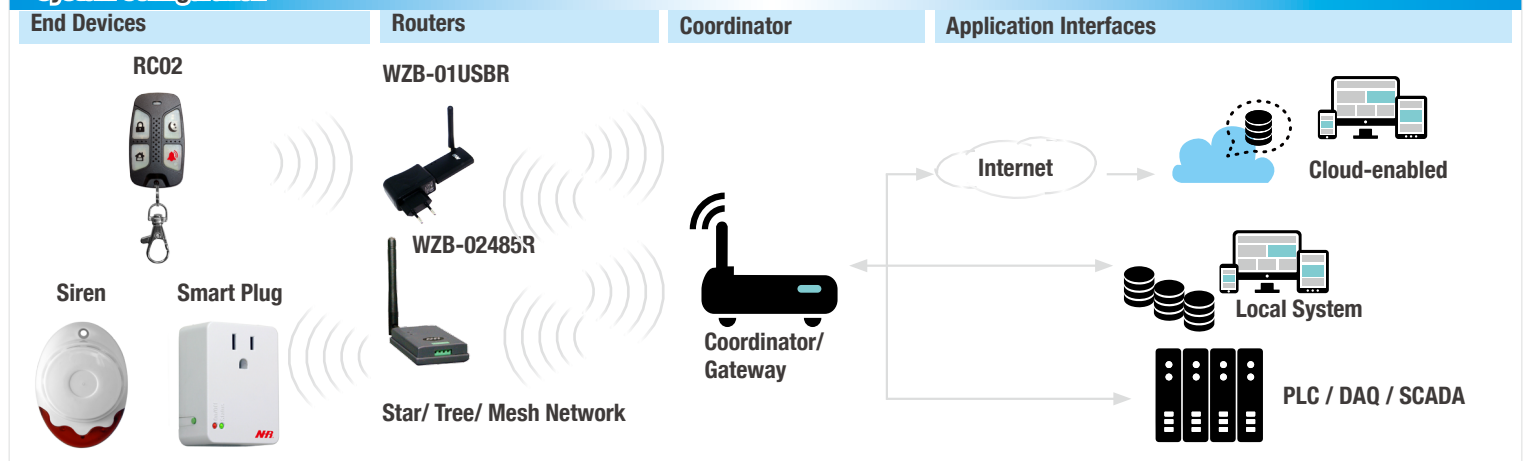
- 4 Buttons(mode selections): Panic for emergency, Home for unlock system, Away for lock system, and Sleep for lock self-defined system.
- 2-color LED for event indication and confirmation.
- ZigBee HA Profile Compliant. Highly interoperable with any standard ZigBee Home Automation profile system. Potentially upgraded to ZigBee 3.0.
- Special navigation design for user to be aware of the location of each button, especially Panic key.
- Smallest size, but big rubber keys for easy carry, and easy use as needed.
- Stylish design meeting the minimum requirement of waterproof and dust-tight under IP54, so you don't have to be worried during raining day with your wet hands. (Please keep the unit in low humidity most of the time and do NOT put into water.)
- Programmable combination buttons can be realized in customized needs.
- Key chain design allows user to easily hook on wall or clips the unit together with other keys to simplify your personal belongings.

The RC02 Remote Control is a programmable 4-key remote controller based on the ZigBee HA Profile. It plays important role in home security and life safety as its emergency/panic button and 3 security mode selections buttons. The 4 modes are Panic for emergency, Home for unlock system, Away for lock system, and Sleep for lock self-defined detectors. The miniature size with iconic rubber key proves the easiest way to have it with you and to operate it for seniors or nurses or anyone. Special navigation design enables user to easily find the right key, there is a dimple on the surface of panic button, that way it guarantees the simplest user experiences to control the smart system of your properties and beloved family. Since RC02 is leveraging the state-of-the-art ZigBee technology, it can be programmable or create combination function key(s) for customized usage model. The remote control is suitable to hospital nursing emergency alert, assisting living emergency alert for seniors, or smart home for kids or anyone.

Specifications

Device Type	Home Automation Smart Remote Controller	Mode Selections	Panic, Away(Arm), Home(Dis-arm), Sleep modes
Wireless Protocol	ZigBee: HA profile (Optional: UART_Modbus RTU)	Power Supply	CR2032 battery X 1
Transmission Range	50 meters / 164 feet (free space)	Operating Range	0°C~+45°C / +68°F~+113°F, 0~80% RH (Non-condensing)
Operating Frequency	2.4 GHz ISM Band	Dimensions	(L)5.5 x (W)3.2 x (H)1.0 cm / 2.17 x 1.26 x 0.39 inches
RF Output Power	1 mW/ 0 dBm	Weight	16.6 g (with CR2032 battery) / 0.58 oz
Receiver Sensitivity	-92 dBm	Battery Run Time	About over 1 year
Power Consumption	TX: 35 mA Sleep: 1.3 uA		

System Configuration



Ordering Codes & Accessories

Solution	Ordering Codes	Description	Router	WZB-02485R	ZigBee router - DC power supply type
End Device	RC02	ZigBee Key Chain Remote Control	Solution	Ordering Codes	Description
Siren	A10	ZigBee Alarm Siren	Coordinator	WZB-1USBC	ZigBee USB dongle
Smart Plug	A11	ZigBee Smart Meter Plug	Coordinator	WZB-05ET	ZigBee ethernet gateway
Router	WZB-01USBR	ZigBee router - AC adaptor type	Coordinator	G07	ZigBee 3G/Wi-Fi/ethernet controller gateway