

# ZigBee Wall Switch

## ZB02A /B/C/E /F /I /J

### Data Sheet

Wireless Sensor Network Based on ZigBee Technology



**ZB02A /E /I**



**ZB02B /F**



**ZB02C /J**

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ZigBee- Wall Switch

ZB02A /E /I Appearance

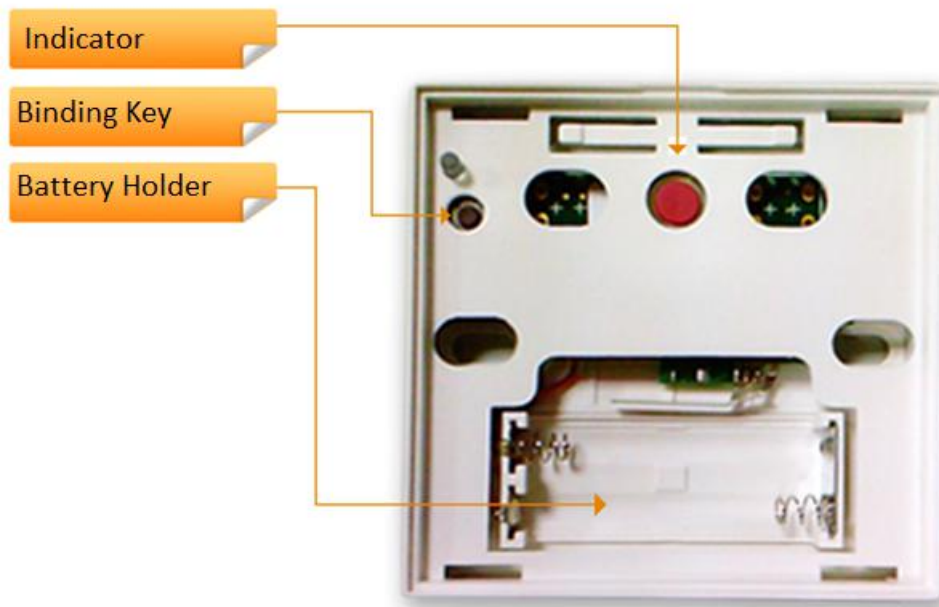
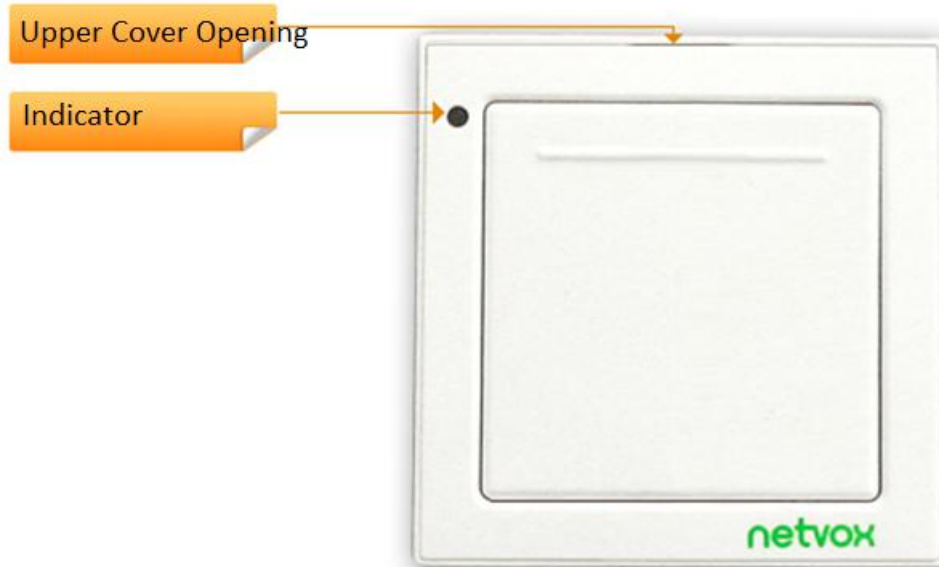


Figure 1. Appearance of ZB02A (subject to the actual object)

ZigBee- Wall Switch

ZB02B /F Appearance

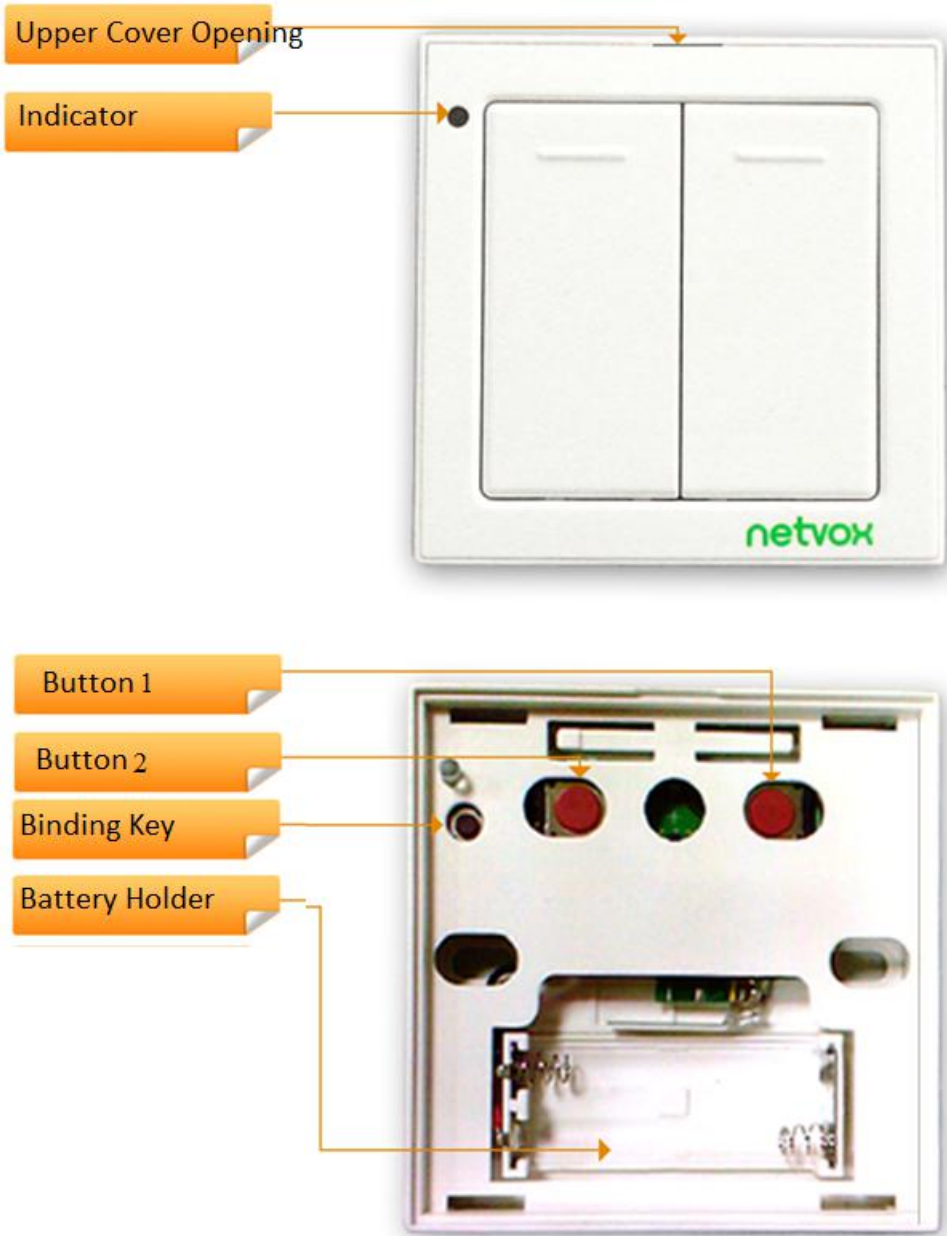


Figure 2. Appearance of ZB02B (subject to the actual object)

ZigBee- Wall Switch

ZB02C /J Appearance

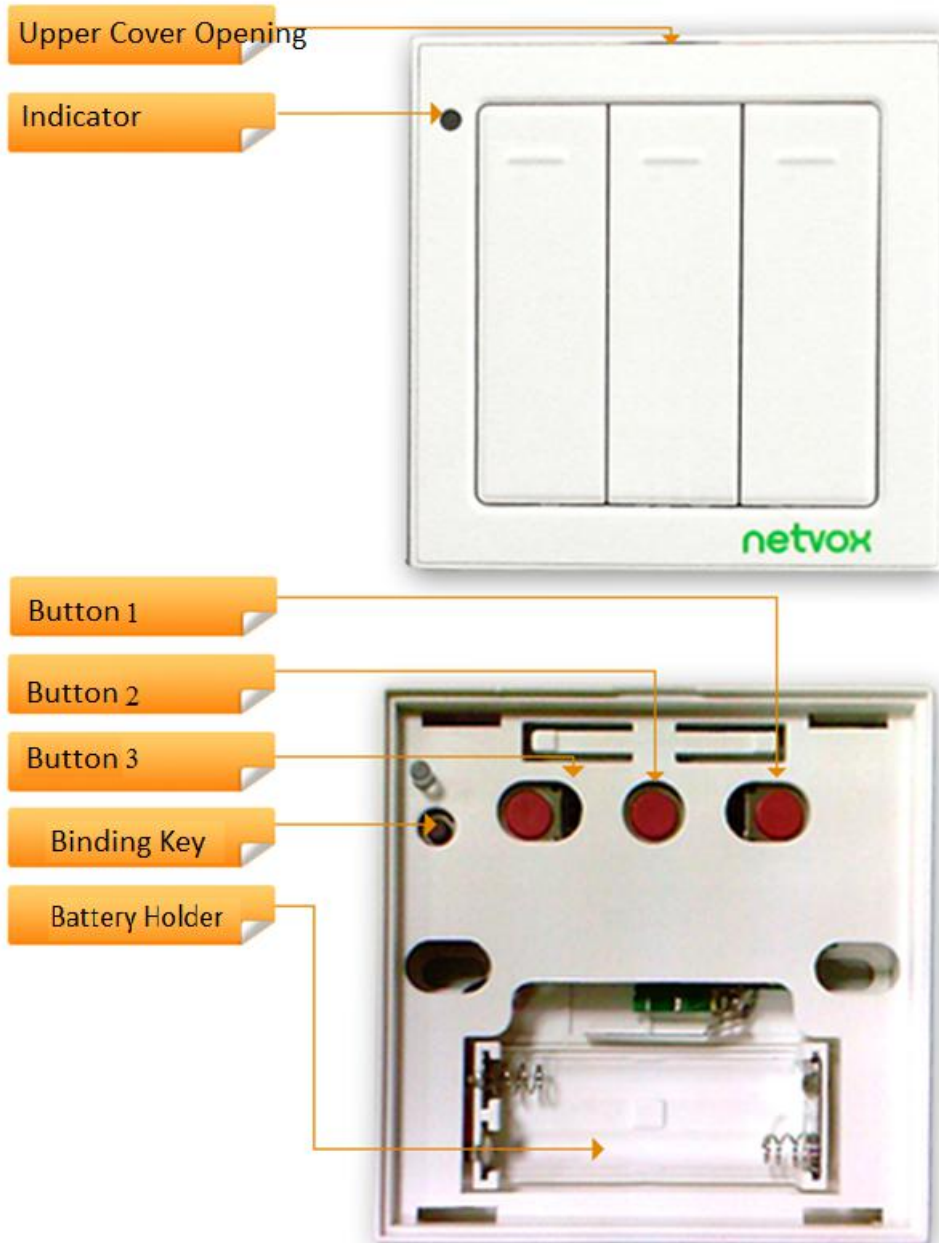


Figure 3. Appearance of ZB02C (subject to the actual object)

## ZigBee- Wall Switch

### General Description

The ZB02 product is a wireless control terminal device for smart home and high reliability. It has the characteristics of standby low power consumption and is fully compliant with the IEEE802.15.4 Zigbee HA protocol standard and is applicable to any Zigbee HA protocol network. And fully compatible with ZigBee Pro protocol; ZB02 has a variety of specifications.

ZB02A has 1 button to control 1 switch device. ZB02B has 2 buttons to control 2 switch devices. ZB02C has 3 buttons to control 3-way switch equipment. ZB02E has 1 button to door bell . ZB02F has 2 buttons to control Wall Dimmer Switch . ZB02I has 1 button to Panic Button . ZB02J has 3 button to control Scene Selector & Mode Selector

### Main Characteristics

- Fully compatible with IEEE 802.15.4
- Use the 2.4GHz ISM band for a total of 16 channels
- 2 AAA battery powered
- Communication distance 70 meters
- Simple operation and setting

### Technical Specifications

#### Electric

Input Power	2 AAA batteries 1.5V/section
Working Voltage	2.1V-3.6V
Working Current (Max.)	40mA
Standby Current (Max.)	1uA (Max.)

#### Frequency

Frequency Bandwidth	2.4~2.4835 GHz
Communication Channel	16 channels (ISM 11th to 26th channel)
Power Output	7dBm (maximum)
Receive Sensitivity	-101dBm
Antenna Type	Built-in Antenna
Communication Distance	70 meters (depending on the specific environment)
Data Transfer Rate	250Kbps
Modulation Method	DSSS(O-QPSK)

## ZigBee- Wall Switch

### Frequency

Frequency Bandwidth	2.4~2.4835 GHz
Communication Channel	16 channels (ISM 11th to 26th channel)
Power Output	7dBm (maximum)
Receive Sensitivity	-101dBm
Antenna Type	Built-in Antenna
Communication Distance	150 meters (depending on the specific environment)
Data Transfer Rate	250Kbps
Modulation Method	DSSS(O-QPSK)

### Physical

Dimension	82mm*82mm*15mm
Weight	141g
Working Temperature	-10°C ~ +50°C
Environment Humidity Range	<90% RH (No condensation)
Storage Temperature	-40°C ~ 85°C

### Contact:

#### NETVOX TECHNOLOGY CO., LTD.

**TEL: 886-6-2617641**

**FAX: 886-6-2656120**

**E-mail: sales@netvox.com.tw**

**WEB: www.netvox.com.tw**

#### NETVOX TECHNOLOGY CO., LTD (XIAMEN)

**TEL: 86-592-5717188**

**FAX: 86-592-5717180**

**E-mail: dyx@netvox.com.cn**

**WEB: www.netvox.com.cn**

