

## **PB236 ZigBee**

## **Panic Button wit Pull Cord**

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### Quick Start Guide

# Warning

**Note: Failure to follow these notices can cause a potential source of danger, such as fire, electric shock and other damages. Please read following notices before using.**

- Avoid humidity or extrem temperature.
- Avoid prolonged exposure to sunlight or strong ultraviolet rays
- Do not drop the product to the ground or hit hard.
- Do not disassemble the unit by yourself. Any question please contact relevant staff.
- Do not expose the unit or its accessories to combustibles and explosives.

# Technical Specifications

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## Wiring Connectivity

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<b>ZigBee</b>	<ul style="list-style-type: none"><li>• 2.4GHz IEEE 802.15.4</li></ul>
<b>Zigbee Profile</b>	<ul style="list-style-type: none"><li>• ZigBee 3.0</li></ul>
<b>FR Characteristics</b>	<ul style="list-style-type: none"><li>• Operating frequency: 2.4GHz</li><li>• Range : 100m (open area)</li><li>• Internal PCB Antenna</li><li>• TX-power: 8DB</li></ul>

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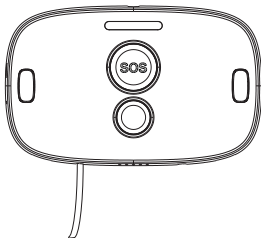
## Physical Specifications

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<b>Battery</b>	<ul style="list-style-type: none"><li>• DC3 V (2*AA Batteries)</li></ul>
<b>Voltage Low Alarm</b>	<ul style="list-style-type: none"><li>• 2.4 V</li></ul>
<b>Operating Current</b>	<ul style="list-style-type: none"><li>• Standby current: &lt;3 <math>\mu</math>A</li><li>• Trigger current: &lt;30 mA</li></ul>
<b>Buttons</b>	<ul style="list-style-type: none"><li>• 1 Pull cord</li><li>• 1 SOS button</li><li>• 2 Cancel button</li><li>• 1 Undefined button</li></ul>
<b>Operating Environment</b>	<ul style="list-style-type: none"><li>• Temperature: -20 °C ~+55 °C</li><li>• Humidity: <math>\leq</math> 90% non-condensing</li></ul>
<b>Demensions</b>	<ul style="list-style-type: none"><li>• 173.4 (L) x 85.6(W) x25.3(H) mm</li></ul>
<b>Mounting Type</b>	<ul style="list-style-type: none"><li>• Wall mounting</li></ul>

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# 1 Welcome



PB236 is an emergency caller which is suitable for elderly care at home or institutions. It can be fixed on the wall of bedroom, bathroom or living room. By pulling the cord (or press the SOS button), the alarm signal will be sent to the APP and Web portal. It can also work with a buzzer which will send out the alarm when someone asks for help.

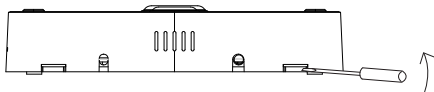
This guide will provide you an overview of the product and help you get through the initial setup.

## Features:

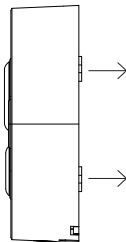
- ZigBee 3.0
- With pull cord for quick call in case of emergency
- Suitable for elderly care both at home and institutions
- The alarm signal will be transmitted to sent to every platform
- Low energy consumption and voltage low alarm
- Wall mounting

## 2 Installation

- ① Pry the bottom of the device with a screwdriver.

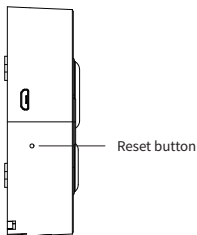
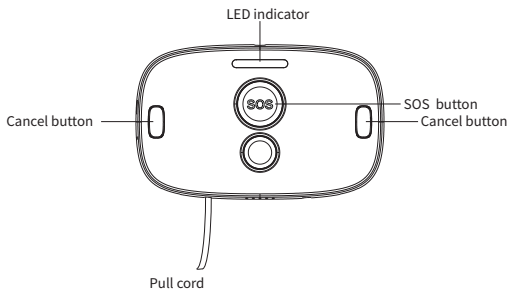


- ② Identify the most suitable position where is prone to accident such as bathroom, then fix the equipment on the wall by using screws.



- ③ Load the battery and fasten the cover after fixing.

## 3 Get to Know Your Device



## Reset Button

Reset: hold the reset button for 10 seconds until the lights flash 3 times as follow.

- The device has joined the network: the green light flashes 3 times.
- The device has not joined the network: the red light flashes 3 times.

## SOS

Press the SOS button or pull the cord to sent the SOS signal.

## Cancel

Any one of the two cancel buttons can send the all-clear signal.

## LED Indicator

The LED status gives the following information:

LED status	What it means
Red light flashing	Alarm
Press reset button	What it means
Red light falshes 3 times rapidly	The device has not joined the network and ready to join the gateway.
Green light flashes 3 times rapidly	The device has joined the network.

## 4 Configure Network

### 4.1 To get started, you will need:

- A Zigbee gateway
- A mobile phone with the APP installed

### 4.2 Adding to the gateway's network

1. Set your gateway to permit joining(refer to your gateway's manual).
2. Make sure the PB236 is in the range of gateway's network and press the reset button once. Then the red light will flash 3 times rapidly. If not, please reset it.
3. After few seconds the PB236 will join the gateway automatically and green light will flash 3 times slowly when successfully joined. The indicator of Gateway will flash 2 times correspondingly. (Please note different gateways may have different status.).
- 4.Finally, you can find the device PB236 is showed on your APP.

**Notice:** If failed to join the gateway, please reset the device and repeat the steps above.