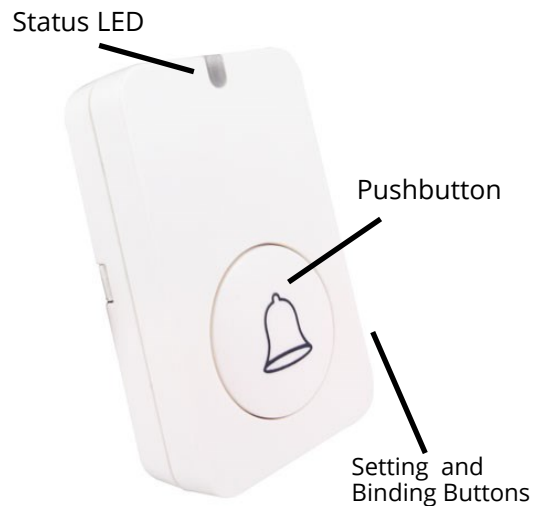


Product Brief ZBALRMB—Model #6002A

ZBALRMB - Portable/Mountable Switch

This device utilizes zigbee Pro RF communication to control other zigbee devices and can be easily configured as a doorbell.

The ZBALRMB can be used as a zigbee IAS (Intruder Alarm System) control and indicating equipment and registered to a CIE (Control & Indicating Equipment) device and/or bound to a Smartenit ZBALRM as part of a doorbell system. It can be easily mounted on a wall or used as a portable remote control within the network. The low power consumption offers a life span of up to 2 years on two CR2450



Benefits

- Compatible with zigbee[®], a wireless RF protocol that is rapidly becoming the standard for energy management. Enables appliances to become part of the smart ecosystems of tomorrow.
- Reports to a Control and Indicating Equipment (CIE) device
- Can be bound easily to control devices even without the use of a network controller
- Small size and wireless operation means easy retrofit ability and low installation cost

SPECIFICATIONS:

Electrical & Environmental	
Operating Voltage:	Two CR2450 (1.5V)
Communication Range:	Up to 328 ft. indoors, 200 ft LOS.
Temperature:	-10—50 degrees Centigrade
Humidity:	95% RH
Mechanical	
Size:	2.24" L X 1.37" W X 0.59" H
Weight:	1Oz.
Mounting:	Can be mounted at user's convenience through provided surface adhesive mounts

zigbee Profile:

ZBALRMB uses the Home Automation profile, enabling inter-operability with HA certified devices from other manufacturers.

Details for the HA clusters implemented can be found below:

Commands to these clusters follow the specifications of the ZCL document.

HA Profile (0x0104)

zigbee Device ID: EP 1 - IAS Ancillary Control Equipment (0x0401)

Cluster ID:	End Point	Cluster	Client/ Server	Description
0x0000	1	Basic	Server	Attributes for determining basic information and setting and enabling device
0x0001	1	Power Configuration	Server	Attributes for determining more detailed information about a device's power source(s), and for configuring under/over voltage alarms
0x0003	1	Identify	Server/ Client	Attributes and commands for putting a device into Identification mode (e.g. flashing a light)
0x0015	1	Commissioning	Server	Attributes and commands pertaining to the commissioning and management of zigbee devices operating in a network.
0x0020	1	Poll Control	Server	A mechanism for the management of an end device's MAC Data Request rate.
0x0500	1	IAS Zone	Server	Attributes to interface to the functionality of an IAS security zone device.
0x0501	1	IAS ACE	Client	Provides a control interface to a CIE (Control and Indicating Equipment) device in an IAS (Intruder Alarm System)
0x0502	1	IAS WD	Client	Provides an interface to an IAS Warning Device, allowing warning indications triggered by alarm conditions to be sent to it
0x0B05	1	Diagnostics	Server	Allows the operation of the zigbee PRO stack to be followed over time. It provides a tool for monitoring the performance of individual network nodes, including the routing of packets through these nodes.