



**3Egreen** technology Inc.

**BDR01 Series**

2.4GHz BLE 4.1 Door Sensor

( Magnetic Reed Switch Type )

**BDR01-00**

**Released Date: 2014/10/1**

**Version 1.0**

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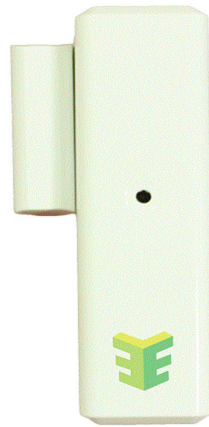
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## 1. Introduction

3Egreen BDR01(Door Sensor) is essential part to implement a home security system for easy to install and use.This wireless Door Sensor is an alarm sensor to send out the trigger signal by using BLE 2.4G RF signal which is a BLE enabled device and is fully compatible with any BLE network.

## 2. Product outline



BDR01  
Door Sensor

( Figure 1)

## 3.Features

- Door/Window detection
- Magnetic Reed Switch trigger function
- Low Battery detection
- Trigger signal by using wireless transmission
- Lowest standby power
- Zero cross switching featured to ensure the most reliability
- Remote monitoring the trigger event from mobile APP
- Communication : BLE 2.4G

#### 4.Specification

- Protocol : BLE 4.1
- Frequency Range : 2402~2480 Mhz
- Operating Temp.: -15~60 degree C
- BLE 4.1 Wireless transmission, built-in internal antenna
- Magnetic Reed Switch open trigger distance between Magnet  $\geq 30$ mm
- Wireless transmission range  $\geq 40$  meters (open space)
- Powered by 3.0V CR123A Battery
- Removable bracket design
- Installation with double sided tape
- Operating voltage 3.0V
- Standby current:  $\leq 5\mu\text{A}$
- Transmitting current:  $\leq 15\text{mA}$
- Battery life: 2 years
- Dimension: 92mm(Length)x25cm(Width)x21mm(Height)

## Technical Support Contact Information

If you encounter any technical issues while using BDR01, do not hesitate to contact us @3Egreen. Our technical staff will help you resolve the technical issues. You can contact us by email or phone. The following is our technical contact:

Hours: 9:30AM to 5:30PM (GMT+08:00)

Email: [service@3egreen.com](mailto:service@3egreen.com)

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### Release History

Date	Revision	Content
2014/10/1	V1.0	First release