SHELLY-DW2 Wi-Fi Door-Window Sensor User Guide

SHELLY-DW2 Wi-Fi Door-Window Sensor

Product Information

The Wi-Fi Door/Window Sensor is a device that detects the opening and closing of doors and windows. It has a compact size of less than 5mm and comes with button opening and LED indication features. The device can be used stand-alone or with various other home automation platforms and protocols. The initial inclusion process can be done through the Shelly Cloud mobile application and Shelly Cloud service, but these are not necessary for the device to function properly.

Product Usage Instructions

1. Ensure that you have appropriate batteries that comply with all applicable regulations before using the device.

2. Install the device on your desired door or window using the button opening feature.

3. Connect the device to your desired home automation platform or protocol, if applicable.

4. To check if the device is functioning properly, open and close the door or window. The LED indication feature should light up to indicate that the device has detected the opening and closing.

5. If you choose to use the Shelly Cloud mobile application andShelly Cloud service, follow the instructions in the App Guide to connect the device to the cloud and control it through the Shelly App.

CAUTION: Use only appropriate batteries as inappropriate ones may cause a short circuit in the device, which may damage it.
Read before use This document contains important technical and safety information about the device, its safety use and installation.
CAUTION: Before beginning the installation, please read this guide and any other documents accompanying the device carefully and completely. Failure to follow the installation procedures could lead to malfunction, danger to your health and life, violation of the law or refusal of legal and/or commercial guarantee (if any). Allterco Robotics EOOD is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure of following the user and safety instructions in this guide.

Product Introduction

Shelly® is a line of innovative microprocessor-managed devices, which allow remote control of electric circuits through a mobile phone, tablet, PC, or home automation system. Shelly® devices can work standalone in a local Wi-Fi network or they can also be operated through cloud home automation services. Shelly Cloud is a service that can be accessed using either Android or iOS mobile application, or with any internet browser at **https://home.shelly.cloud/**. Shelly® devices can be accessed, controlled and monitored remotely from any place where the User has internet connectivity, as long as the devices are connected to a Wi-Fi router and the Internet. Shelly® devices have embedded Web Interface accessible at **http://192.168.33.1** when connected directly to the device access point, or at the device IP address on the local Wi-Fi network. The embedded Web Interface can be used to monitor and control the device, as well as adjust its settings. Shelly® devices can communicate directly with other Wi-Fi devices through HTTP protocol. An API is provided by Allterco Robotics EOOD. For more information, please visit:
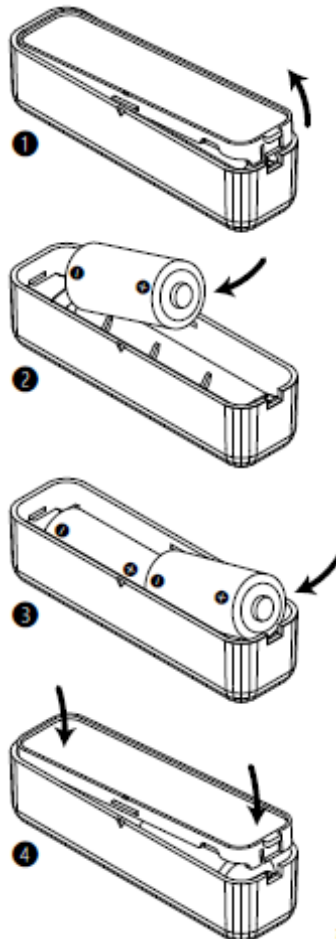**https://shelly-api-docs.shelly.cloud/#shelly-family-overview**. Shelly® devices are delivered with factory-installed firmware. If firmware updates are necessary to keep the devices in conformity, including security updates, Allterco Robotics EOOD will provide the updates free of charge through the device embedded Web Interface or Shelly Mobile Application, where the information about the current firmware version is available. The choice to install or not the device firmware updates is user's sole responsibility. All-terco Robotics EOOD shall not be liable for any lack of conformity of the device caused by failure of the user to install the provided updates in a timely manner. Shelly® Door/Window Sensor main function is to indicate opening or closing of door or window, depending on where it is placed. The sensor can alert on open/close status of the door/window, or even alert to an opening attempt. The device is additionally equipped with LUX sensor and vibration alert*, and can be used as action trigger to other devices for your home automation. Shelly® Door/Window is battery powered device and may work as a standalone device, or as an addition to a home automation controller.

- Some features will be available after device firmware update.
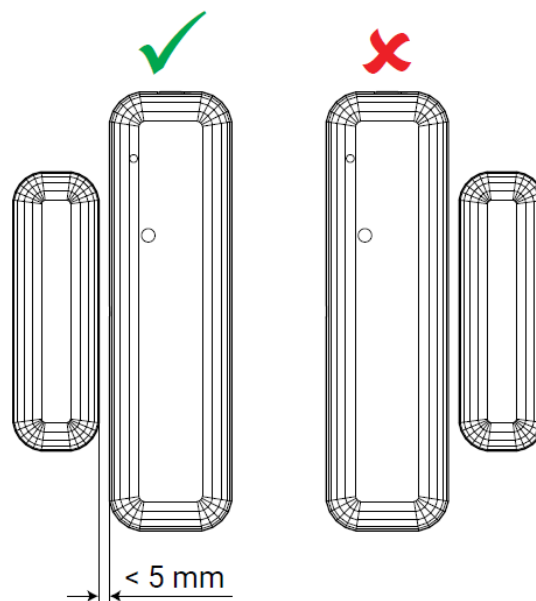
Installation Instructions

CAUTION: Use the Device only with batteries which comply with all applicable regulations. Inappropriate batteries may cause a short circuit in the Device, which may damage it.

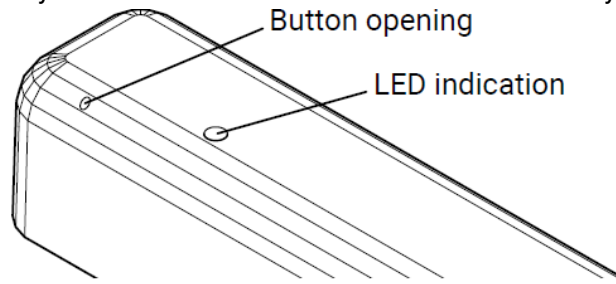**Batteries placement and Button controls**

To open the device, remove the back cover and insert the batteries inside. Remove the sticker on the back of each component and carefully place the device at the desired door or window. The distance between the two components of the device should be less than 5 mm when the door or window is in closed position .

Access the button through the small hole on the device, close to the LED indicator. Use pin to press the button. Press the Button to turn on AP mode of the device. LED indicator should flash slowly. Press the Button again, the

LED indicator will turn off and device will be in „Sleep" mode. Press and hold the button for 10 seconds for Factory Settings Reset. Successful factory reset turns on the LED indicator to flash slowly.

Initial Inclusion

If you choose to use the Device with the Shelly Cloud mobile application and Shelly Cloud service, instructions on how to connect the Device to the Cloud and control it through the Shelly App can be found in the "App Guide". https://shelly.link/app The Shelly Mobile Application and Shelly Cloud service are not conditions for the Device to function properly. This Device can be used stand-alone or with various other home automation plat-forms and protocols.

Specification

- Battery Type: 2 x 3 V CR123A batteries (Batteries not included)
- Estimated battery life: Up to 2 years
- Temperature meas. range: -10°C÷50°C (± 1°C)
- Working temperature -10°C÷50°C
- RF Band: 2401-2495 MHz
- Max RF power: <20 dBm
- Radio protocol Wi-Fi 802.11 b/g/n
- Dimensions:
    - Sensor 82x23x20 mm
    - Magnet 52x16x13 mm
- Operational range (depending on local construction):
    - up to 50 m outdoors
    - up to 30 m indoors
- Electrical consumption
    - "Sleep" mode ≤10 μA
    - "Awake" mode ≤60 mA

Declaration of conformity

Hereby, Allterco Robotics EOOD declares that the radio equipment type for Shelly Door/Window is in compliance with Directive 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address:
https://shelly.link/door-window2_DoC
Manufacturer: Allterco Robotics EOOD
Address: Bulgaria, Sofia, 1407, 103 Cherni vrah Blvd.
Tel.: +359 2 988 7435
E-mail: support@shelly.cloud
Web: https://shelly.cloud
Changes in the contact data are published by the Manufacturer at the official website of the Device
https://shelly.cloud

Documents / Resources

	Shelly SHELLY-DW2 Wi-Fi Door-Window Sensor [pdf] User Guide SHELLY-DW2 Wi-Fi Door-Window Sensor, SHELLY-DW2, Wi-Fi Door-Window Sensor, Window Sensor, Sensor

References

- ↻ **Shelly - Shelly**
- ⊕ **Shelly Home**
- ↻ **Welcome to Shelly Technical Documentation | Shelly Technical Documentation**
- ↻ **Shelly - Shelly**
- ↻ **Shelly Smart Control**
- ↻ **Application guide**
- ↻ **Shelly Door/Window 2**