Shelly B0124 Wi-Fi Flood Sensor with Temperature Measurement User Guide

Contents

Shelly B0124 Wi-Fi Flood Sensor with Temperature Measurement

Product Information

Specifications

- Product Name: Wi-Fi Flood Sensor with Temperature Measurement
- Power Source: Batteries
- Connectivity: Wi-Fi
- Additional Feature: Temperature Measurement

Product Usage Instructions

Installation

Follow these steps to install the Wi-Fi Flood Sensor with Temperature Measurement:

1. Insert batteries that comply with all applicable regulations.
2. Place the device in the desired location where you want to monitor for floods and temperature changes.
3. Ensure the sensor is connected to your Wi-Fi network following the provided instructions.

Device Maintenance

To ensure proper functioning of the device, follow these maintenance tips:

- Regularly check the battery status and replace them when necessary.
- Clean the sensor periodically to prevent dust buildup that may affect its performance.

Troubleshooting

If you encounter any issues with the device, refer to the user manual for troubleshooting steps or contact customer support.

FAQ

- Q: What should I do if the device is not connecting to my Wi-Fi network?
  A: Check your network settings and ensure the Wi-Fi password is entered correctly. You can also try restarting the device and your router.
- Q: How often should I replace the batteries?
  A: The frequency of battery replacement depends on usage. It is recommended to replace the batteries when the device indicates low battery or at least once a year.

USER AND SAFETY GUIDE

Wi-Fi FLOOD SENSOR WITH TEMPERATURE MEASUREMENT

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). Shelly Europe Ltd. is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure to follow 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 an Android or iOS mobile application or with any internet browser at **https://control.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 an 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 Shelly Europe Ltd. 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, Shelly Europe Ltd. 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. Shelly Europe Ltd. shall not be liable for any lack of conformity of the device caused by the failure of the user to install the provided updates promptly.

Initial Inclusion

If you choose to use the Device with the Shelly Smart Control mobile application and cloud service, instructions on how to connect the Device to the Cloud and control it through the Shelly Smart Control app can be found in the mobile application guide.
The Shelly mobile application and Shelly Cloud service are not conditions for the Device to function properly. This Device can be used standalone or with various other home automation platforms and protocols.
CAUTION! Do not allow children to play with the Device.

Specification

- Battery Type: 3 V – CR123A (Battery not included)
- Estimated battery Life: Up to 18 months
- Temperature measurement range: -40°C÷60 °C (± 1°C)
- Working temperature: -40°C÷60 °C
- RF band: 2401-2495 MHz
- Max. RF power: < 20 dBm
- Wi-Fi protocol: 802.11 b/g/n
- Dimensions (DxH): 70×19 mm
- Operational range:
  - up to 30 m outdoors
  - up to 15 m indoors
- Electrical consumption:
  - “Sleep” mode ≤5 uA
  - “Awake” mode ≤250 mA

Installation Instructions

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

Battery placement and Button controls

- Twist the top cover of the device counterclockwise to open. Insert the battery inside before placing the device in the desired place.
- The power button is located inside the device and can be accessed when the device cover is open.
- Press the Button to turn on the AP mode of the device. The LED indicator should flash slowly.
- Press the Button again, the LED indicator will turn off and the 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.

LED Indicator

- LED flashing slowly – AP Mode
- LED constant light – STA Mode (Connected to Cloud)
- LED flashing quickly – STA Mode (No Cloud) or FW Update (while in STA mode and connected to Cloud)

Additional Features

Shelly® allows control via HTTP from any other device, home automation controller, mobile app or server. For more information about the REST control protocol, please visit: **https://shelly.com** or send a request to **support@shelly.cloud**

Declaration of conformity

Hereby, Shelly Europe Ltd. (former Allterco Robotics EOOD) declares that the radio equipment type for Shelly Flood complies with Directive 2014/53/EU, 2014/35/EU, 2011/65/EU, 2014/30/EU. The full text of the EU Declaration of Conformity is available at the following internet address: **https://shelly.link/flood_DoC**

Manufacturer: Shelly Europe Ltd.
Address: 103 Cherni vrah Blvd., 1407 Sofia, Bulgaria
Tel.: +359 2 988 7435
E-mail: support@shelly.cloud
Web: https://shelly.com

Changes in the contact data are published by the Manufacturer at the official website of the Device **https://shelly.com**

Documents / Resources

	**Shelly B0124 Wi-Fi Flood Sensor with Temperature Measurement** [pdf] User Guide B0124 Wi-Fi Flood Sensor with Temperature Measurement, B0124, Wi-Fi Flood Sensor with Temperature Measurement, with Temperature Measurement, Temperature Measurement, Measurement

References

- **User Manual**