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Shelly 20193 Wifi Humidity and Temperature Sensor User Guide

Contents

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This document contains important technical and safety information about the device and its safety use and installation.

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 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.

Shelly® H&T main function is to measure and indicate humidity and temperature for the room/area where it is placed.

The device can also be used as action trigger to other devices for your home automation. Shelly® H&T may work as standalone device or as an addition to a home automation controller.

Shelly® H&T is battery operated device, or it can be operated constantly connected to power supply through USB power supply accessory. USB power supply accessory is not included to the Shelly® H&T product, and it is available for purchase separately.

Specification

- **Battery Type:** 3V DC – CR123A (Battery not included)
- **Estimated battery Life:** Up to 18 months
- **Humidity measurement range:** 0~100% (±5%)
- **Temperature measurement range:** -40°C÷60 °C (± 1°C)
- **Working temperature:** -40°C÷60 °C
- **Radio signal power:** 1mW
- **Radio protocol:** WiFi 802.11 b/g/n
- **Frequency:** 2412-2472 MHz; (Max. 2483,5 MHz)
- **RF output power:** 9,87dBm
- **Dimensions (HxWxL):** 35x45x45 mm

- **Operational range:**
  - up to 50 m outdoors
  - up to 30 m indoors
- **Electrical consumption:**
  - "Sleep" mode ≤70uA
  - "Awake" mode ≤250mA

Introduction to Shelly

Shelly® is a line of innovative Devices, which allow remote control of electric appliances through a mobile phone, tablet, PC, or home automation system. All devices use WiFi connectivity and can be controlled from the same network or through remote access (any internet connection). Shelly® may work standalone on the local WiFi network, without being managed by a home automation controller, or it can also work through cloud home automation services. Shelly devices can be accessed remotely from any place the User has Internet connectivity. Shelly® has an integrated web server, through which the User may adjust, control and monitor the Device. Shelly® Devices have two WiFi modes – Access Point (AP) and Client mode (CM). To operate in Client Mode, a WiFi router must be located within the range of the Device. Shelly® Devices can communicate directly with other WiFi devices through HTTP protocol. An API can be provided by the Manufacturer. Shelly® Devices may be available for monitor and control even if the User is outside the range of the local WiFi network, as long as the devices are connected to a WiFi router and the Internet. The cloud function could be used, which is activated through the web server of the Device or the settings in the Shelly Cloud mobile application. The User can register and access Shelly Cloud using either Android or iOS mobile application, or with any internet browser at **https://my.shelly.cloud/**

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.

⚠ **CAUTION!** Do not allow children to play with the device, especially with the Power Button. Keep the devices for remote control of Shelly (mobile phones, tablets, PCs) away from children.

Battery placement and Button controls

Twist the bottom cover of the device counterclockwise to open. Insert the battery inside before placing the device at the desired place.

Power Button is located inside the device and can be accessed when device cover is open. (when using USB power supply accessory power button is accessible through a hole at the bottom of the device with a pin)

Press the Button to turn on AP mode of the device. The LED indicator located inside of the device 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.

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)

Compatibility

Shelly® devices are compatible with Amazon Alexa and Google Assistant, as well as with most 3rd party home automation platforms. Please see our step-by-step guides on: **https://shelly.cloud/support/compatibility/**

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.cloud** or send a request to **support@shelly.cloud**

Declaration of conformity

Hereby, Allterco Robotics EOOD declares that the radio equipment type for Shelly H&T is in compliance with Directive 2014/53/EU, 2014/35/EU, 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address: **https://shelly.cloud/knowledge-base/devices/shelly-ht/**

General information and guarantees

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**

All rights to trademark Shelly®, and other intellectual rights associated with this Device belong to Allterco

Robotics EOOD.

The Device is covered by legal guarantee in accordance with the applicable EU consumer protection legislation.

Additional commercial guarantee might be provided by the individual merchant under express statement. All guarantee claims shall be addressed to the seller, from whom the device was purchased.

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