

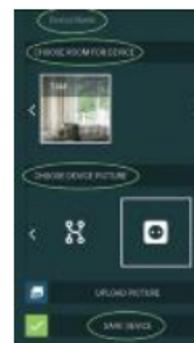
Step 5:

Select **Discovered Devices** and choose the Shelly device you want to include in your account.



Step 6:

Enter a name for the Device. Choose a Room, in which the device has to be positioned. You can choose an icon or upload a picture to make it easier to recognize. Press "Save Device".



Step 7:

To enable connection to the Shelly Cloud service for remote control and monitoring of the Device, press "YES" on the following pop-up.



Shelly Devices Settings

After your Shelly device is included in the app, you can control it, change its settings and automate the way it works. To switch the device on and off, use the Power button.



Sensor settings

Temperature Units
Setting for change of the temperature units.
• Celsius
• Fahrenheit

Send Status Period: Define the period (in hours), in which Shelly Smoke will report its' status. The value must be between 1 and 24.

Temperature Treshold: Define the temperature treshold in which Shelly Smoke will "wake up" and send status. The value can be from 1° up to 5° or you can disable it.

Internet/Security

WiFi Mode - Client: Allows the device to connect to an available WiFi network. After typing the details in the respective fields, press Connect.

WiFi Mode - Access Point: Configure Shelly to create a Wi-Fi Access point. After typing the details in the respective fields, press Create Access Point.

Restrict Login: Restrict the web interface of Shely with a Username and Password. After typing the details in the respective fields, press Restrict Shelly.

Settings

Firmware Update
Update the firmware of Shelly, when a new version is released.

Time Zone and Geo-location
Enable or Disable the automatic detection of Time Zone and Geo-location.

Factory Reset
Return Shelly to its factory default settings.

Device Information
Here you can see the:
• Device ID - Unique ID of Shelly
• Device IP - The IP of Shelly in your Wi-Fi network

Edit Device

From here you can edit:
• Device Name
• Device Room
• Device Picture
When you are done, press **Save Device**.

The Embedded Web Interface

Even without the mobile app Shelly can be set and controlled through a browser and connection of a mobile phone or tablet.

ABBREVIATIONS USED:

Shelly-ID – consists of 6 or more characters. It may include numbers and letters, for example 35FA58.

SSID – the name of the WiFi network, created by the device, for example ShellySmoke-35FA58.

Access Point (AP) – in this mode in Shelly creates its own WiFi network.

Client Mode (CM) – in this mode in Shelly connects to another WiFi network.

Installation/Initial inclusion

Step 1
Place Shelly on the ceiling or a wall, in the room where you want to use it and press the Power Button (fig.1). The LED should turn orange.

CAUTION! If the LED does not turn orange, press and hold the Button for 10 seconds. Upon successful factory reset Shelly will make a loud sound.

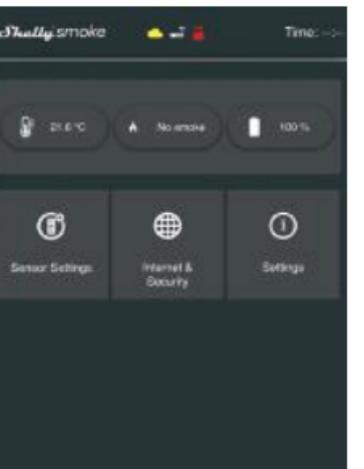
Step 2
When the LED is orange, Shelly has created a WiFi network, with name such as ShellySmoke-35FA58. Connect to it.

Step 3
Type **192.168.33.1** into the address field of your browser to load the web interface of Shelly.

General - Home Page

This is the home page of the embedded web interface. Here you will see information about:

- Current Temperature
- Current Smoke detection status
- Current battery percentage
- Connection to Cloud
- Present time
- Settings



Sensor Settings

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Advanced - Developer Settings: Here you can change the action execution:
• Via CoAP (CoIOT)
• Via MQTT

ATTENTION: To reset the device, press and hold the Button for at least 10 seconds. Upon successful factory reset, Shelly will make a loud sound.

Settings

Time Zone and Geo-location: Enable or Disable the automatic detection of Time Zone and Geo-location. If Disabled you can define it manually.

Firmware Upgrade: Shows present firmware version. If a newer version is available, you can update your Shelly by clicking Upload to install it.

Factory reset: Return Shelly to its factory settings.
Device Reboot: Reboots the device.

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: www.shelly.cloud or send a request to developers@shelly.cloud.



The most innovative Wi-Fi Smoke and Temperature Sensor

User Guide



Allterco Robotics EOOD
Sofia, Bulgaria © 2018

USER GUIDE

WiFi Smart Smoke Sensor Shelly®

Shelly® Smoke by Allterco Robotics is intended to be placed on the ceiling in order to be aware in the case of a fire or smoke in the room/area. Shelly Smoke also provides a temperature sensor. Shelly Smoke is battery powered, with battery life up to 2 years/ Shelly may work as a standalone device or as an accessory to a home automation controller.



Fig. 1

Battery Type: 3V DC - CR123A
Battery Life: up to 2 years
Complies with EU standards:
• RE Directive 2014/53/EU
• LVD 2014/35/EU
• EMC 2004/108/WE
• RoHS2 2011/65/UE
Working temperature: -10° ÷ 50 °C
Radio signal power: 1mW
Radio protocol: WiFi 802.11 b/g/n
Frequency: 2400 – 2500 MHz;

Specification

Operational range:
• up to 50 m outdoors
• up to 30 m indoors
Dimensions (HxWxL):
• Without stand - 46x43x43 mm
• With stand - 49.2x60x60 mm
Electrical consumption:
• Static - ≤10uA
• Alarm - ≤60mA
SAR: 1.15 W/Kg
Alarm Sound - 85dB (up to 3m)

Installation Instructions

CAUTION! Before beginning the installation please read the accompanying documentation carefully and completely. Failure to follow recommended procedures could lead to malfunction, danger to your life or violation of the law. Allterco Robotics is not responsible for any loss or damage in case of incorrect installation or operation of this device.

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.

Initial Inclusion

Place Shelly on the ceiling or a wall, in the room where you want to use it. Press the Power Button (fig.1). The LED should turn orange. This means that Shelly is in AP mode. Press the Button again and the LED will turn off.

Factory Reset

You can return your Shelly Smoke to its Factory Settings by pressing and holding the Button for 10 seconds. Upon successful factory reset Shelly will make a loud sound.

Introduction to Shelly®

Shelly® is a family of innovative devices, which allow remote control of electric appliances through mobile phone, PC or home automation system. Shelly® uses WiFi to connect to the devices controlling it (mobile phones, tablets etc.). They can be in the same WiFi network or they can use remote access (through the Internet - Shelly Cloud). Shelly® has an integrated web server, through which the User may adjust, control and monitor the Device. An API can be provided by the Manufacturer. The User can register and access the Shelly Cloud, using either Android or iOS mobile applications, or any internet browser and the web site: <https://my.shelly.cloud/>.

Control your home with your voice

All Shelly devices are compatible with Amazons' Alexa and Googles' assistant. Please see our step-by-step guides on: <https://shelly.cloud/compatibility/Alexa> <https://shelly.cloud/compatibility/Assistant>



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The Shelly Cloud mobile application

Shelly Cloud gives you opportunity to control and adjust all Shelly® devices from anywhere in the world. The only thing you need is connection to the Internet and our mobile application, installed on your smartphone or tablet. To install the application please visit Google Play or App Store.



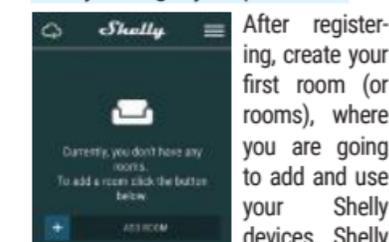
Registration

The first time you open the Shelly Cloud mobile app, you have to create an account which can manage all your Shelly® devices.

Forgotten Password

In case you forget or lose your password, just enter the e-mail address you have used in your registration. You will then receive instructions on how to change your password.

WARNING! Be careful when you type your e-mail address during the registration, as it will be used in case you forgot your password.



After registering, create your first room (or rooms), where you are going to add and use your Shelly devices. Shelly Cloud allows easy control and monitoring using a mobile phone, tablet or PC.

Device Inclusion

To add a new Shelly device, connect it to the power grid following the Installation Instructions included with the Device.

Step 1

Place your Shelly on the ceiling or a wall, in the room where you want to use it. Press the Button - it should turn Orange.

WARNING! If the LED does not turn orange, press and hold the Button for at least 10 seconds. The LED should then flash red/orange. If not, please repeat or contact our customer support at: support@shelly.cloud

Step 2

Choose "Add Device". In order to add more devices later, use the Menu at the top right corner of the main screen and click "Add Device". Type the name and password for the WiFi network, to which you want to add Shelly.

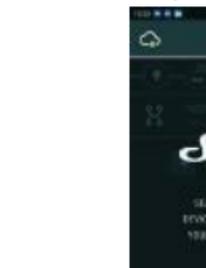
Step 3

If using iOS: you will see the following screen:



On your iOS device open **Settings** > **WiFi** and connect to the WiFi network created by Shelly, e.g. ShellySmoke-35FA58.

If using Android: your phone will automatically scan and include all new Shelly devices in the WiFi network, that you defined.



Upon successful Device Inclusion to the WiFi network you will see the following pop-up:



Step 4:

Approximately 30 seconds after discovery of any new devices on the local WiFi network, a list will be displayed by default in the "Discovered Devices" room.

