TELLUR

Smart Flood Sensor
User Manual
TLL331081

INTO YOUR FUTURE

1. PRODUCT OVERVIEW

Smart flood sensor is a smart flood sensor (water leak sensor) based on wireless solution. While a water leak happens, the device will wake up the Wi-Fi connection to Wi-Fi router, send an alarm signal to your mobile phone via Wi-Fi network, in the case that the APP internet is available locally or remotely. The alarm is selectable as a notification on your mobile phone with bar display, banner with tone, vibration based on the APP Notification setting on your Mobile Phone. There an around 5-second delay from the state changes to notification on your mobile phone depending on the internet connection quality. The device will buzz if a water leak is detected till the leak is removed. This device is working as a scene to trigger other device action that are compatible in same APP such as to turn on/off plug and bulb.

2. PRODUCT FEATURES

- Support buzz in water leak situation
- Working in 802.11 b/g/n;
- Support EZ (Smart Config) and AP(Access Point) mode for Wireless connection;
- Support water leak detection;
- Support battery level detection and low battery alarm;
- Support 2xAAA battery powered;
- Wall mounted installation with extended detecting cable to 2 meters;
- Led indicates the working state;
- Compliant with CE, FCC and ROHS;

How to Get the device working:

- Make sure your Wi-Fi network work in 802.11 b/g/n 2.4GHz and internet available;
- Download the APP from Apple store or Google Play;
- Register an account in APP and login with your email address or Mobile phone number;
- Setup the device Wi-Fi connection;
- Mount device on specified location;
- Test and check the Device and APP working state;

3. PRODUCT DESCRIPTION

LED indicator

Buzz vent

Button

Probe
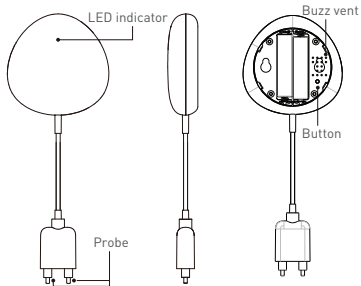
Button activities and LED indicator:

1) LED indicator: indicate the device working state:
- Fast blinking in Red: EZ mode (Smart config) for Wi-Fi configuration;
- Slow blinking in Red: AP Mode for Wi-Fi configuration;
- Flash once in Blue: Wi-Fi connected, and water leak detected;
- Flash once in Dual-Color: Wi-Fi disconnected and water leak detected;
2) Probe: extend to detect the water leak;
3) Buzz vent: Sounds while water leak detected;
4) Button: Press and hold the button for 5 seconds to enter into Wi-Fi connection (or configuration). The red LED indicator will blink rapidly (EZ mode) or slowly (AP mode). EZ mode connection is set as default in Wi-Fi configuration. Press and hold the button for 5 seconds will enable the device switch between EZ mode and AP mode.

Note:
1) To check the device is working or not: short-cut the probe, the LED indicator will flash and the Buzz will works;
2) To check the device is Wi-Fi connected or not: if the LED indicator turns purple, the device is non Wi-Fi connected. If the LED indicator turns blue, the device is Wi-Fi connected.

4. PRODUCT SPECIFICATIONS
• Power supply: 2 x AAA battery, 3V
• Battery life: Up to 6 months
• Flood notifications: Yes
• Acoustic alarm: Yes
• Low battery notifications: Yes
• Probe cable length: 2 meters
• WiFi standard: IEEE 802.11b/g/n
• Supported WiFi network: 2.4GHz
• Dimensions: 7cm x 7cm x 2cm
• Weight: 75 gr

5. INSTALL APP AND REGISTER AN ACCOUNT
Download the Tellur Smart App for both iOS and Android OS.
Scan the QR code to download Tellur Smart App

•Support

| iOS | Android | Download App(iOS&android) |

Set up router

This device only supports 2.4GHz frequency band router, does not support 5GHz frequency band router, please set the relevant parameters of the router before WiFi configuration, WiFi passwords do not include special characters such as

~!@#$%^&*(). When the device is configured in WiFi, the mobile phone and device are as close as to the router, which can speed up the AP configuration of the device.

6. ADD AND REMOVE DEVICE IN YOUR APP ACCOUNT

6.1 Launch the APP and login, Click tADD DEVICES -> All -> Flood sensor to start the device adding.
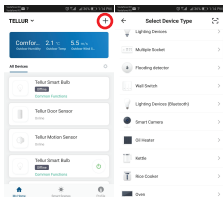
6.2 Press the device button for 5 seconds to enter the Wi-Fi configuration state (fast blinking in EZ mode or slow blinking in AP mode).
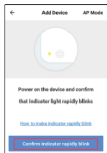
6.3 Input the Wi-Fi SSID and password of the Wi-Fi network that the device is going to work with, then waiting around 30 seconds for the Wi-Fi configuration finished until a device is successfully added;

6.4 Change the device name and share it within APP account as you want.

6.5 Click the device just added to launch the device state UI to check the state, battery level, record history and the APP notification setting.
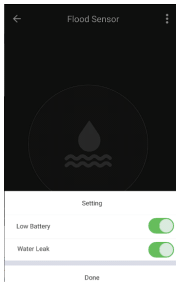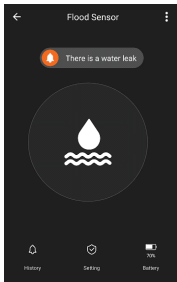
• **EZ mode:** make sure your APP is internet available and device and APP both work in EZ mode. Then input the Wi-Fi network password to finish the device adding. If you want to change the Wi-Fi network, please check the "Change network" in APP;

• **AP mode:** Click AP Mode, make sure your APP is internet available and device and APP both work in AP mode. Confirm to input the SSID and Password of Wi-Fi network, then select the Device AP name in Wi-Fi list then back to App to finish the device adding.
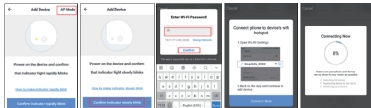
After the device is successfully added to APP account, the LED will turn off. Using the methods mentioned in LED indicator to check the device is successfully added or not. If not, please repeat the Device adding again.

6.6 Remove device
1) Click "Remove Device" to remove this device from your account; click "Restore manufacturer Defaults" to remove the device from your account and clear the history record in cloud.
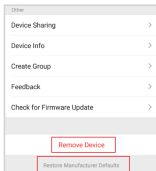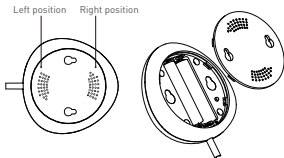

2) After remove device or Restore manufacturer defaults from the APP, repeating the Device add steps to your account;
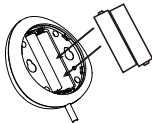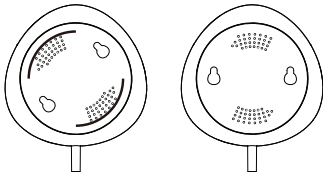
7. INSTALLATION

7.1 AAA battery installation

1) Hold the battery cover and rotate it counter-clockwise to open the battery cover

Left position   Right position

2) Put 2xAAA battery in with the correct positive and negative electrode.
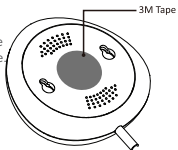

3) Close the cover and turn it clockwise

7.2 Mount the device on the wall
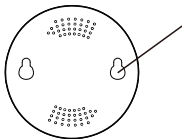There are two methods to mount the device on the wall.

3M Tape mode
- Stick the included self-adhesive pads to the bottom of the device.
- Peel off the protective layer of the sticker.
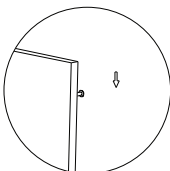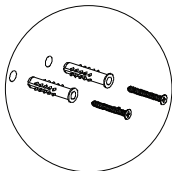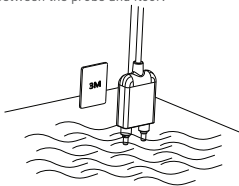- Stick the device onto the wall.

3M Tape

Screw mode
1) Mark a hole location as below picture and drill a hole on thewall accordingly.

2) Screw the two bolts within the package on the wall leaving the around 5~8mm bolt margin out of the wall. Then hang the device on the two bolts.

7.3 Install the probe case on the wall with a 3M tape, keep no gap between the probe and floor.

Note:

The notifications cannot be alerted on APP with my Android System?
1. Make sure the alarm setting in APP is enabled
2. Make sure the Push notification is enabled for this APP for Android system;

Setting	
Low Battery	
Water Leak	
Done	

←	Settings
Sound	
Push Notification	
Integration	>
About	>
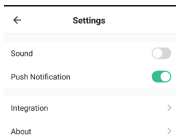
Declaration of conformity

We, ABN SYSTEMS INTERNATIONAL S.R.L., Bucharest, Sector 1, Marinarilor street, nr. 31, we declare on own responsibility that the product below:

Product description: WiFi Smart Flood sensor
Brand: Tellur
Product code: TLL331081
It does not endanger life, health, work safety, does not have a negative impact on the environment and
corresponds to the standards stated in the manufacturer's declaration of conformity.

The product is in compliance with the following standards and / or other normative documents:

RED – 2014/53/EU
Applied standards:
EMC: ETSI EN 301 489-1 V2.2.0 (2017-03)
ETSI EN 301 489-17 V3.2.0 (2017-03)
Radio: ETSI EN 300 328 V2.1.1 (2016–11)
Health: EN 62479:2010
Safety: EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

RoHS – 2011/65/EU (RoHS 2.0)

The product bears CE mark, applied in 2019

Name: George Barbu
Function: General manager
Place and date: Bucharest, 19-03-2019
Signed:

⊠ Disposal and recycling information

The crossed-out wheeled-bin symbol on your product, battery, literature or packaging reminds you that all electronic products and batteries must be taken to separate waste collection points at the end of their working lives; they must not be disposed of in the normal waste stream with household garbage. It is the responsibility of the user to dispose of the equipment using a designated collection point or service for separate recycling of waste electrical and electronic equipment (WEEE) and batteries according to local laws. Proper collection and recycling of your equipment helps ensure EEE waste is recycled in a manner that conserves valuable materials and protects human health and the environment, improper handling, accidental breakage, damage, and/or improper recycling at the end of its life may be harmful for health and environment.