



Wi-Fi Smoke Sensor

User Manual

TLL331281

For other languages, please visit smart.tellur.com

A silhouette of a city skyline with various skyscrapers of different heights and shapes, set against a dark background.

INTO YOUR FUTURE

Thank you for choosing Tellur!

To ensure an optimum performance and safety, please read this user manual carefully before using the product. Keep this user manual safe for future references.

WHAT'S IN THE BOX

Please consult this checklist for all parts.

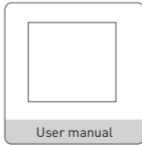
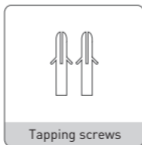
1 x Tellur Smoke sensor

1 x CR123A battery

1 x 3M tape

2 x Screws

2 x Tapping screws



1.PRODUCT OVERVIEW

Increase your sense of security with Tellur's WiFi Smart Smoke Sensor. Having an intelligent double-checking algorithm, the device senses smoke and temperature changes and triggers the alarm.

When it detects smoke, the sensor alerts you through an acoustic alarm, a light indicator and a push notification is sent to your smartphone. You will also be notified on your smartphone when the batteries are running low or when someone tries to dismount the device.

The WiFi Smart Smoke Sensor works with a CR123A DC 3V battery (included) and has a low energy consumption.

The sensor integrates perfectly in the Smart Home ecosystem and allows you to check its working status and history records by simply accessing the Tellur Smart app from your smartphone.

2.PRODUCT FEATURES

Detects smoke & temperature change and triggers the alarm.

Multiple types of alarms: light indicator, high-decibel acoustic alarm & push notification.

Low battery & tamper notifications.

Compatible with Tellur Smart app, perfectly integrated in the Smart Home ecosystem.

Works with a CR123A DC 3V battery (included) with low energy consumption.

Working in 802.11 b/g/n 2.4GHz wireless network (no hub required).

WiFi network configuration with EZ (Smart Config) and AP (Access Point) mode.

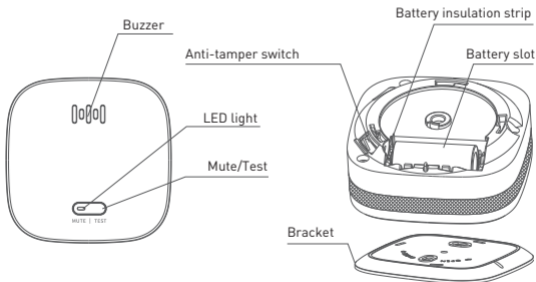
Share the device with your family.

Mounting with adhesive tape or screw.

Quick guide:

- Make sure the WiFi network is a 802.11 b/g/n 2.4GHz band and internet is available.
- Download the app from Apple store or Google Play;
- Register an account in the app and login with your email address;
- Setup the device WiFi connection;
- Mount the device on specified location;
- Test and check the device and app working state;

3.PRODUCT DIAGRAM



4.PRODUCT SPECIFICATIONS

Power supply: 1 x CR123A DC 3V (included)

Battery life: Up to 3 years

Detection range: Up to 50 m2

Alarm level: 85dB @ 3 meters

Push notifications: Yes

Tamper notifications: Yes

Low battery notifications: Yes

History record: Yes

Self test: Yes

WiFi standard: IEEE 802.11b/g/n

Supported WiFi network: 2.4GHz

Color: White

Housing material: PC + ABS

Installation method: Screws or 3M tape

Operating temperature: -10°C - +55°C

Operating humidity: 5% - 95% RH

Product dimensions: 70 x 70 x 29mm

Product weight: 88 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



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 configuration of the device.



6. ADD AND REMOVE DEVICE IN YOUR APP ACCOUNT

6.1 Open the app and login, Click Add Devices > Security and Sensor > Smoke Detector (Wi-Fi) 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.

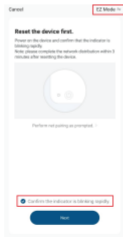
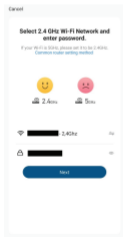
Note:

*Make sure the device and APP work in same Wi-Fi configuration mode, both in EZ mode or in AP mode.

*In some case that the EZ mode is not working Wi-Fi network, AP mode is the only option.

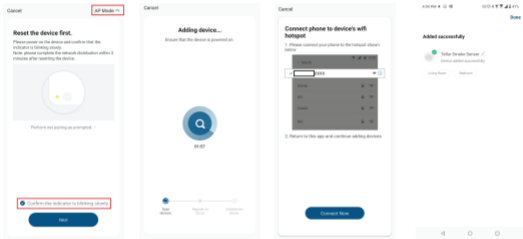
• EZ mode:

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:

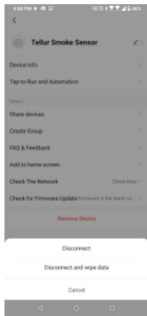
Click AP Mode, make sure your APP is internet available and device and APP both work in AP mode. Confirm to input the SSID and Password of Wi-Fi network, then select the Device AP name with Tellur Smart App in Wi-Fi list then back to App to finish the device adding.



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

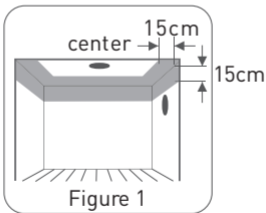
1) Click "Remove Device" to remove this device from your account; click "Restore manufacturer Defaults" to remove the device from your account and clear the history record in cloud.



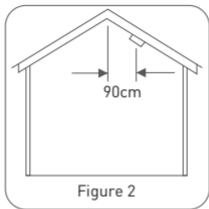
2) After remove device or Restore manufacturer defaults from the APP, repeating the Device add steps to your account;

7.PRODUCT INSTALLATION

- The product is only for indoor ceiling installation;
 - It is recommended to install this product in each corridor outside the room. If more rooms face different corridors, it is suggested to install the product in each corridor;
 - For the room or corridor that is longer than 12m, it is recommended to install a product at each end;
 - If your house has multiple floors, it is recommended to install it on every floor, including the loft and the basement.
 - Keep a distance of at least 50cm from the lamps or decorations;
- Keep at least 15cm away from the corner. The installation position should be 15~30cm from the corner as shown in figure 1;



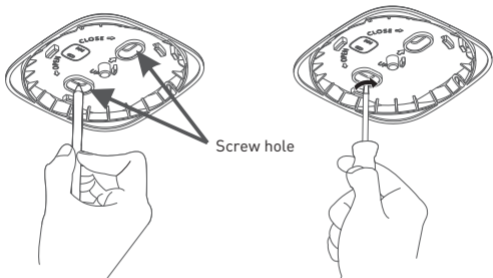
If the ceiling is inclined, as the top is a "dead air" area, install the device on the top of the horizontal 90cm, as shown in figure 2




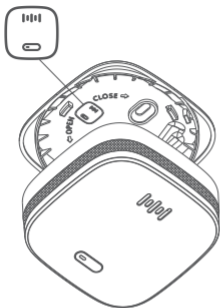
- Do not install in the bathroom, or in places accessible to water or water droplets.
- Do not install in an area with temperature below -10°C or above 55°C .
- Do not install in very ventilated areas, such as near air conditioners, ceiling fans, or fresh air vent.
- Do not install in the place where burning particles are generated during combustion, such as the kitchen, near the stove or the exhaust gas from the garage.
- Screw installation is recommended. The user is responsible for any accidents and safety incidents caused by poor installation.

7.1 Installation Method I (Screw installation)

- Mark the center point of the two holes in the bracket at the selected installation place on the ceiling or wall, drill two holes in the mark with the drill bit and insert the tapping screw to make it flush with the ceiling or wall. (Note: keep the sensor away from dust when drilling)
- Use the two screws in the accessories kit to install the bracket in position.



- As shown in the figure below, align the product body with the bracket at an angle by referring to the "Product installation alignment icon"  on the bracket. Rotate the product body clockwise until the product is securely fixed into the bracket.




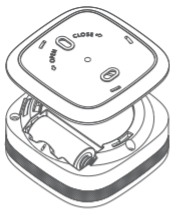
Product installation
alignment icon side view



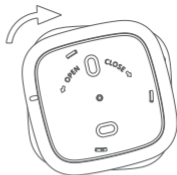
Product installation
alignment icon front view

7.2 Installation Method II (3M tape installation)

- As shown in the figure below, align the product body with the bracket at an angle by referring to the "Product installation alignment icon"  on the bracket. Rotate the product body clockwise until the product is securely fixed into the bracket.



Product installation
alignment icon side view



Product installation
alignment icon back view

- Use the 3M tape from the accessories kit, stick it on the back of the bracket and place the product in the desired position.



Alarm and self-test function

In normal working state, the LED will flash RED every 1 minute. If smoke is detected, the RED LED flashes quickly and a sound prompt will be activated. For a self-test press the Test/Mute button once. The sensor will make a prompt sound and the LED will flash RED, GREEN and YELLOW, meaning the device is working properly. During self-test the sensor will also send a notification to the Tellur Smart app.

! Important notes

- The sensor will self-check for online status every 10 hours.
- The sensor will send an audible, visual and a notification on the app when smoke is detected.
- Do not test the sensor with open flame to avoid damaging the product.
- If alarm is sent during the test, it warns you of potential danger and needs immediate attention. Never ignore any alarm, it may lead to casualties or property damage.
- If the sensor fails to self-test please refer to "Troubleshooting" part of the manual. If the fault can not be fixed, the product should be replaced immediately.

Mute function

In the eventuality of a non-fire alarm caused by a known factor, such as cooking smoke, the sensor can be muted by one short pressing of the Test/Mute button. The mute period is 90 seconds, during which proper measures needs to be made (ventilate the area, remove the smoke).

! Important notes

- After 90 seconds of Mute function, the sensor will alarm again if the smoke concentration is still too high.
- If you do not know the source of smoke, don't ignore it. It can lead to casualties or property damage.

Fault mode

In case of fault alarm (such as low battery, dismantling, sensor failure), press the Test/Mute button for 3 seconds then release. The sensor will be muted for 12 hours, during which you can replace the battery, re-mount the device, self-test the sensor.

Press Test/Mute button again for 3 seconds to re-activate the sensor to normal working state.

During mute period, if another alarm occurs, the sensor alarm will be activated.

Replace the battery

Remove the sensor, take out the battery and press the Test/Mute for 5 seconds to release the residual energy stored in the sensor. Insert the new battery and press Test/Mute button, this will make the device to self-test. If the self-test is ok, the sensor will switch to normal working state.

Daily maintenance

- Test the sensor at least once a week.
- Keep the sensor clean and without dust. You can clean it with a vacuum cleaner and a soft fabric material.
- Do not use solvents or cleaning agents to clean the smoke sensor. It can cause damages to the sensor.
- Don't paint the sensor, it can affect the normal working of the product.

8.TROUBLESHOOTING

- If the sensor is not reacting, check if the sensor is properly installed on the bracket.
- Check if the battery has sufficient energy and replace it whenever necessary.
- In case of anti-dismantling alarm check if the sensor is properly installed on the bracket.

- Re-position the sensor if there are many false alarms (non-fire alarms)
- Try to clean the sensor if there are many false alarms.







9.WARNING

- Always use indicated battery type, do not replace it with other battery.
- Proper dispose of the battery, do not incinerate, burn, dismantle the battery.
- Do not leave the product in extreme high temperature environment.
- Do not disassemble the sensor, it will cause the warranty to be lost.
- Keep out of reach of children, especially the battery.



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.

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ABN Systems International

-  Str. Marinariilor, nr.29
Sector 1, Bucuresti, Romania
-  004.021.233.09.95
-  office@tellur.com
office@abnsystems.ro
-  www.tellur.com

