



## Wi-Fi Smart switch

TLL331481 / TLL331491

-  User manual
-  Manual de utilizare
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A silhouette of a city skyline with various skyscrapers of different heights and shapes.

**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.

### **1. Important notes and cautionary tips:**

**Warning: Make sure to switch off the power supply before installing or maintaining the product!**

To avoid the risk of fire or electric shock, please make sure you install the product following its electrical rating (AC100-240V).

The installation of the Smart Switches requires electrical knowledge. We recommend that the installation to be made by a qualified electrician.

To avoid wiring damage or abrasion, do not expose the wire to edges of metal or other sharp objects.

Don't connect a device that exceeds the max. load current for this product, otherwise may cause product damage or personal injury.

Don't use the product if it is damaged in any way, shape, or form.

Don't attempt to repair, disassemble, or modify this product.

Don't use the product in a humid, moist, or wet environment. Always keep the device dry and clean.

Don't place the product near any heat source or in direct sunlight.

### **2.What's in the box**

Wi-Fi Smart Switch with 1 port (TLL331481) or 2 ports (TLL331491)

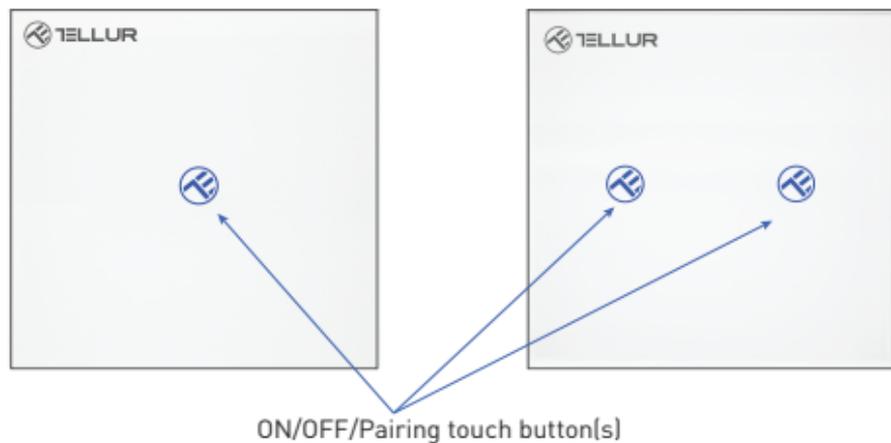
Mounting screws

Metal adapters

Quick connectors

Capacitor

### 3. Product overview



(N) Neutral wire terminal

(L) Live wire terminal

(L1 / L2) Lamp wire terminal

#### 4. Technical specifications:

Voltage: AC 100-240V

Max power: LED: Max 150W/port, Incandescent: Max 600W/port

Standby power consumption:  $\leq 0.3\text{W}$

Panel material: Tempered glass

Connection method: With or without Neutral wire

Wireless frequency: 2.4GHz

Wi-Fi standard: IEEE 802.11b/g/n

Security: WEP, WPA/WPA2, WPA/WPA2 PSK (AES), WPA3

Encryption type: WEP/TKIP/AES

APP Name: Tellur Smart

APP Compatibility: Devices with Android 4.2 / iOS 8 or more recently

Google Home: Compatible

Amazon Alexa: Compatible

Siri Shortcuts: Compatible

Suitable for: Indoor use

Working condition temperature:  $-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$

Working condition humidity:  $\leq 80\%$

Product dimensions: 86mm\*86mm\*36mm EU standard

Product weight: 129g / 132g

#### 5. Product installation

**Warning: Make sure to switch off the power supply before installing or maintaining the product!**

Make sure you have all accessories needed and proper tools for installation.

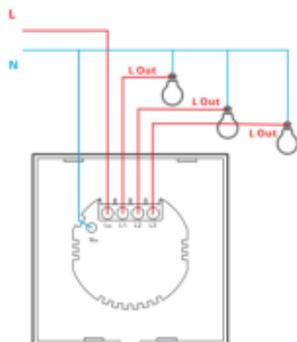
Carefully remove the glass panel from the bottom side using a flat screwdriver.



## Wiring diagram – socket with Neutral wire (method 1)

The switch socket with Neutral (N) wire terminal supports the following wiring method:

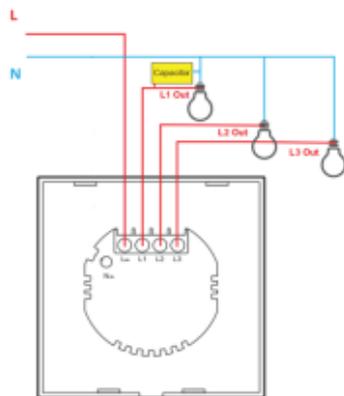
- Live wire (L) connects to L terminal.
- Lamp wires connects to L1, L2, L3 terminal.
- Neutral wire (N) connects to N terminal.



## Wiring diagram – socket without Neutral wire (method 2)

The switch socket with Neutral (N) wire terminal supports the following wiring method:

- Live wire (L) connects to L terminal.
- Lamp wires connects to L1, L2, L3 terminal.
- The capacitor connects to L1 and N terminal.



After the wiring is complete, mount the switch to the wall socket and secure it using the screws included.

Connect back the glass front panel and turn the power back on.

## 6. Pairing the device with Tellur Smart APP

### Note

Make sure your phone is connected to the 2.4GHz wireless network and you have access to Wi-Fi password before you start the pairing procedure.

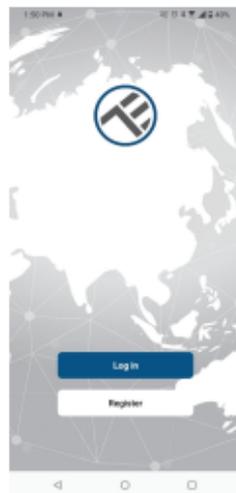
The app doesn't support Wi-Fi 6 networks with 802.11ax standard. Please set the 2.4GHz Wi-Fi network to 802.11b/g/n

We also recommend having the Bluetooth function activated for an easier pairing.

Download and install the Tellur Smart app, available for either iOS or Android devices



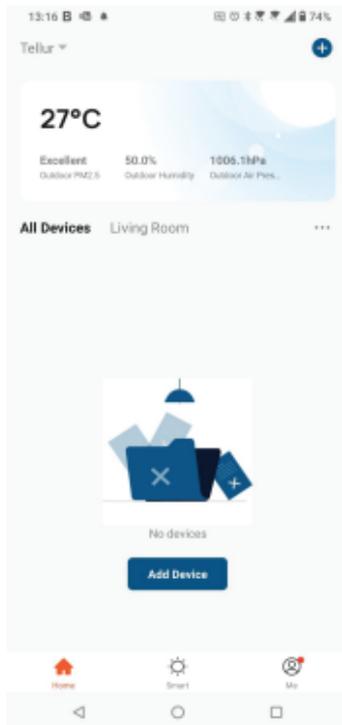
Once downloaded, the app will ask you to create an account (if you don't have any already). Enter your email, select the country you live in and create a password for your Tellur Smart account.



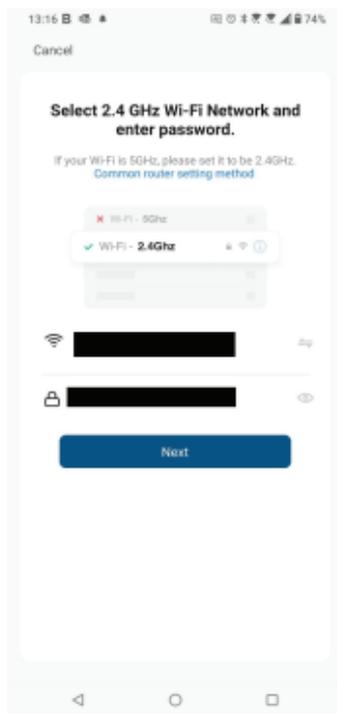
### \*\*\*Set up router

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 Wi-Fi configuration, Wi-Fi passwords do not include special characters such as ~!@#\$%^&\*(). When the device is being connected to the Wi-Fi, keep the mobile phone and device close to the router to speed up the configuration of the device.

Open the Tellur Smart app and click "Add device" or "+" and then select "Electrical Engineering" -> "Switch (Wi-Fi)".



1. When connecting, make sure the area where the switch is installed have strong network signal.
2. Power on the switch and wait until the touch button LED is flashing quickly.
3. If the LED doesn't flash, long press one of the ON/OFF buttons for about 10 seconds.
4. Confirm the LED is flashing quickly in the app interface.
5. Select the Wi-Fi network, input your Wi-Fi password and click "Next".
6. Wait for the device to be added automatically. Tap "Done" when finished and the device will appear in your list.



## 7. Failed to add device?

- Make sure the device is powered on.
- Check the Wi-Fi connection of your phone.
- Check if the device is in pairing mode. Reset your smart device to enter pairing mode.
- Check router or related: If you use a dual-band router, select the 2.4GHz network to add the device. You also need to enable the router's broadcasting function. Set encryption method as WPA2-PSK and authorization type as AES or set both on "auto".
- Check if the Wi-Fi signal is strong enough. To maintain the signal strong, keep your router and the smart device as close as possible.
- Wireless mode should be 802.11.b/g/n (Wi-Fi 6 protocol 802.11ax is not supported)
- Make sure you don't exceed the maximum number of registered devices supported by the app (150).
- Check if the router's MAC filtering function is enabled. If so, remove the device from the filter list and make sure the router is not prohibiting the device connection.
- Make sure the Wi-Fi password entered in the app is correct.

### Can I control the device with 2G/3G/4G network?

When adding the device for the first time, the device and the phone need to be connected to the same Wi-Fi network. Once the device has been successfully paired with the Tellur Smart app, you can remotely control it via 2G/3G/4G networks.

### How can I share my device with family?

Open Tellur Smart app, go to "Profile" -> "Device sharing" -> "Sharing sent", tap "Add sharing" and share the device with the added family members.

Notice - users must install the Tellur Smart app on their device in order to see shared devices.

How can I manage the devices shared by others?

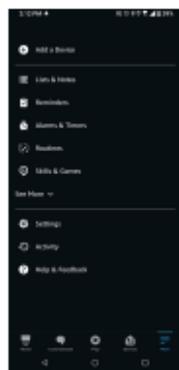
Open App, go to "Profile" > "Device Sharing" > "Sharing Received", then you can find the devices shared by other users. To delete a shared device, swipe left.

## 8.Alexa integration

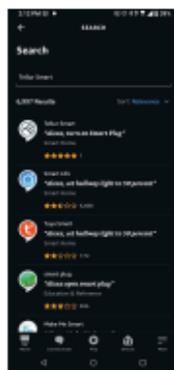
1. Go to Home menu on Alexa app.
2. Select "Skills" / "Skills & Games".
3. Type Tellur Smart in the search bar.
4. Select Tellur Smart and click "Enable" to activate Tellur Smart.
5. Enter your Tellur Smart account and password. Now you have finished the integration with Alexa.

Tellur Smart app is now skilled with Alexa, and you can vocally control the devices added in Tellur Smart.

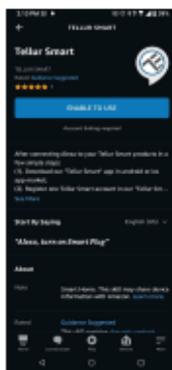
**Remember** - if you rename your smart devices, use a simple name that Alexa can recognize.



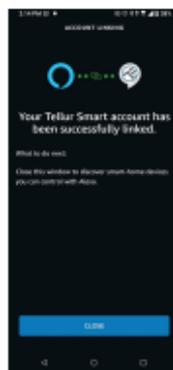
1.



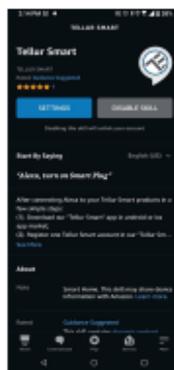
2.



3.



4.



5.

To control your smart devices through Alexa, use simple and concise voice commands. Here is an example for bedroom lighting:

“Alexa, turn off bedroom light”

“Alexa, turn on bedroom light”

“Alexa, dim bedroom light”

“Alexa, set bedroom light to red”

## **9. Google Home integration**

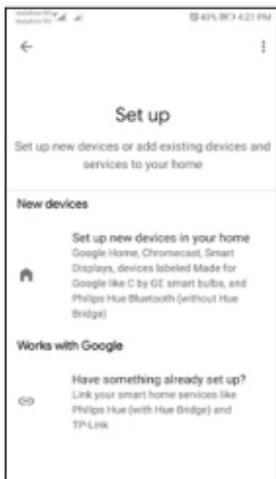
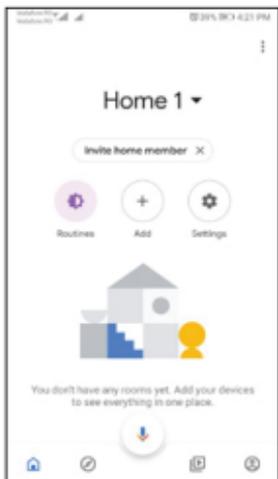
Before using Google Home to control your devices, make sure you meet the following conditions:

- You have a Google Home device or an Android device with Google Assistant.
- You have the newest version of Google Home app.
- You have the newest version of Google app (Android only).
- The device display language is set to English US.
- You have the Tellur Smart app and a related account.

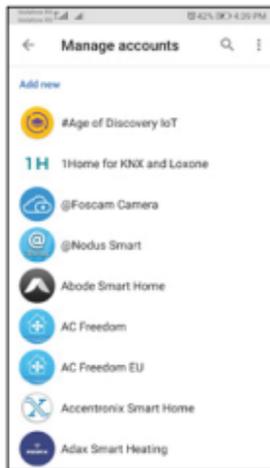
Add devices in Tellur Smart app (refer to app instructions) – you can skip this part if you have already added some devices to your Tellur Smart account. Make sure your devices' names are easily recognizable.

Link account in Home Control

1. Go to Google Home's homepage and tap “+”.



2. Hit the "Add new" button, enter Tellur Smart in the search bar, and select the app from the list. Next, select your Tellur Smart account's region, enter your Tellur Smart account and password, and tap "Link now". After you assign rooms for devices, your devices will be listed in the Home Control page.



Now you can control your smart devices through Google Home. Take bedroom light as example – the supported voice commands are as below:

- Ok Google, turn on/off bedroom light.
- Ok Google, set bedroom light to 50 percent.
- Ok Google, brighten bedroom light.
- Ok Google, dim bedroom light.
- Ok Google, set bedroom light to red.

### **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 electrical and electronic equipment waste (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.