

# RAK7266/RAK7266S WisGate Soho Lite Quick Start Guide

## Log in to the WisGateOS 2 Web UI

### Access the Gateway

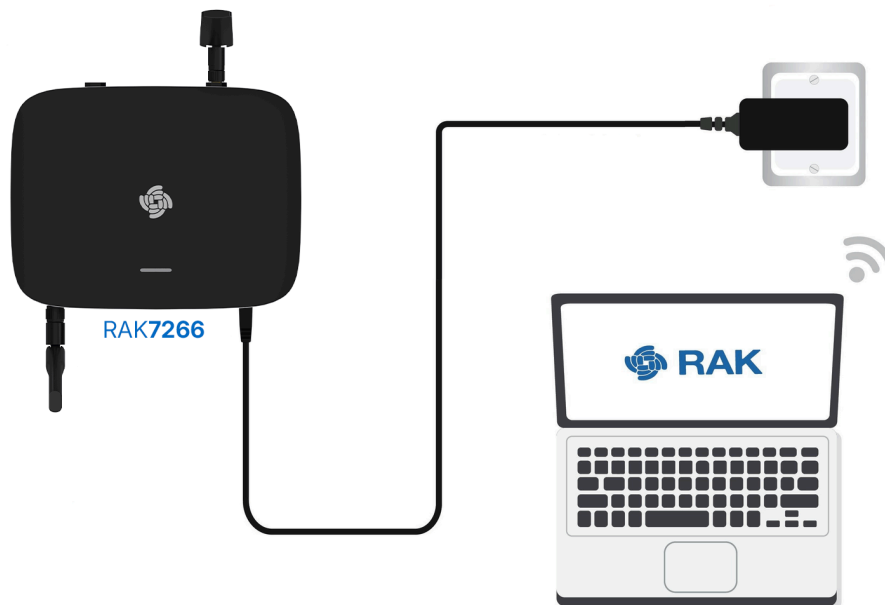
In this section, two methods of accessing the gateway are provided to offer different alternatives based on the availability of the required resources.

#### **NOTE**

This guide uses the RAK7266 as an example for configuration, and the RAK7266S follows the same configuration procedure.

### Wi-Fi AP Mode

By default, the gateway will work in Wi-Fi AP Mode which means that you can find an SSID named like **RAK7266\_XXXX** or **RAK7266S\_XXXX** on your PC's Wi-Fi network list. **XXXX** is the last two bytes of the gateway's MAC address.



**Figure 1:** Accessing the gateway via WiFi AP Mode

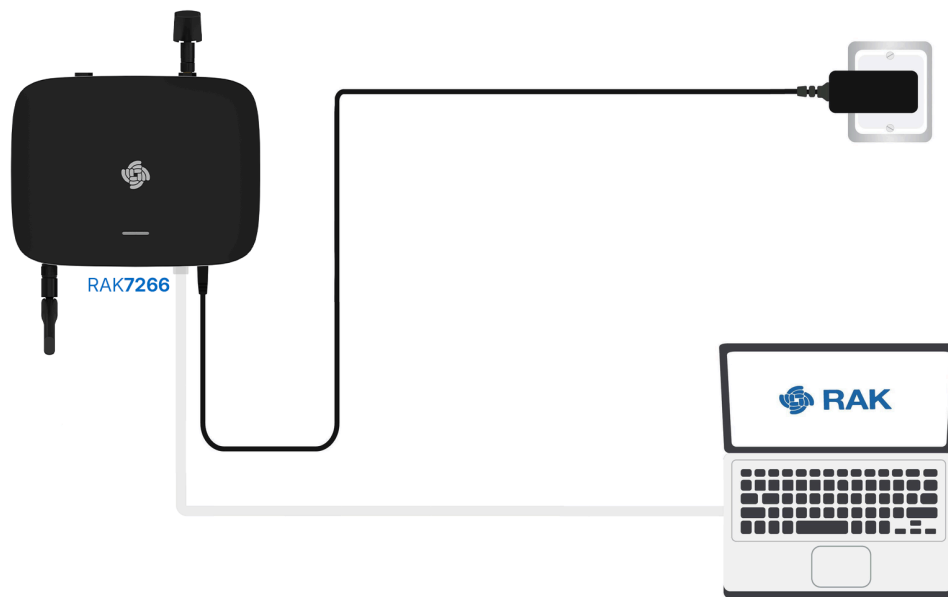
1. Connect to the gateway's Wi-Fi.

#### **NOTE**

No password is required to connect via Wi-Fi.

2. Open a web browser and enter the IP address: `192.168.230.1`

### WAN Port (Ethernet)



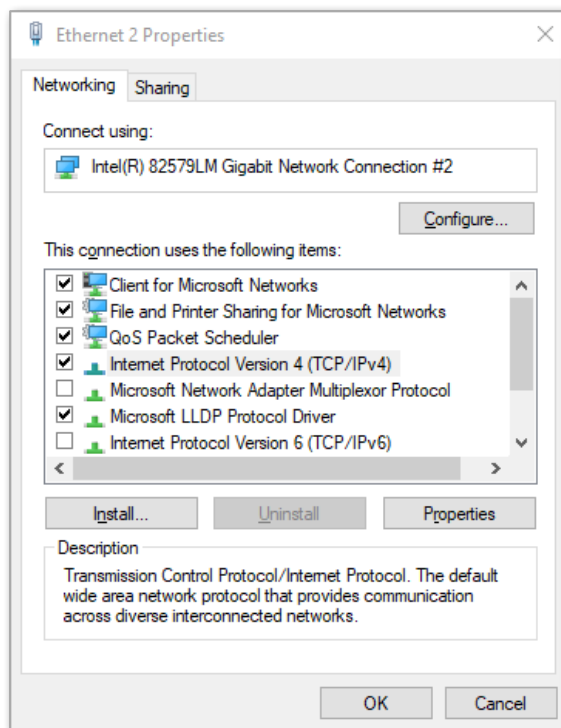
**Figure 2:** Accessing the gateway via WAN Port (Ethernet)

1. Connect the Ethernet cable from the gateway's **ETH** port to your PC's Ethernet port.
2. Set a static IP address on your PC in the same subnet as the gateway:

**NOTE**

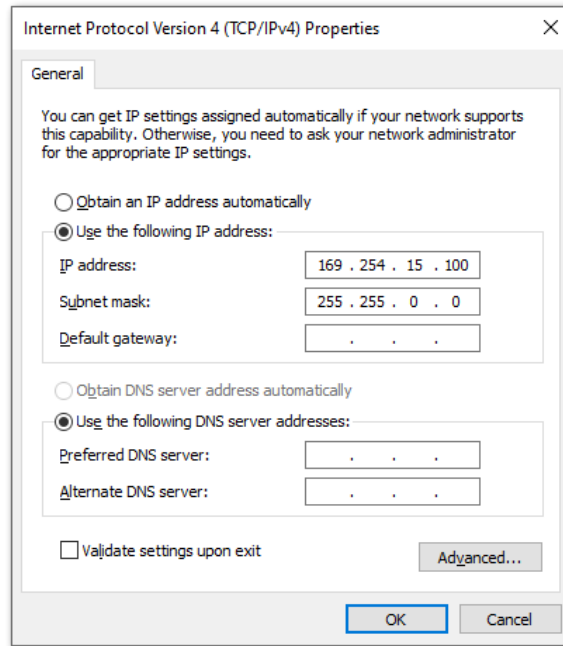
The default IP of the gateway is 169.254.X.X, derived from the last 4 bits of the MAC address. For example, if the last 4 bits are 0F:01, the gateway IP is 169.254.15.1. Set your PC's IP address accordingly, e.g., 169.254.15.100.

3. Open the **Internet Properties** of your PC, and select **Internet Protocol Version 4 (TCP/IPv4)**.



**Figure 3:** Internet properties

4. Select **Use the following IP address**, and set the PC' s IP address (e.g., 169.254.15.100). Ensure the PC' s IP address is in the same subnet as the gateway (e.g., if the gateway IP is 169.254.15.1, set the PC to 169.254.15.100).

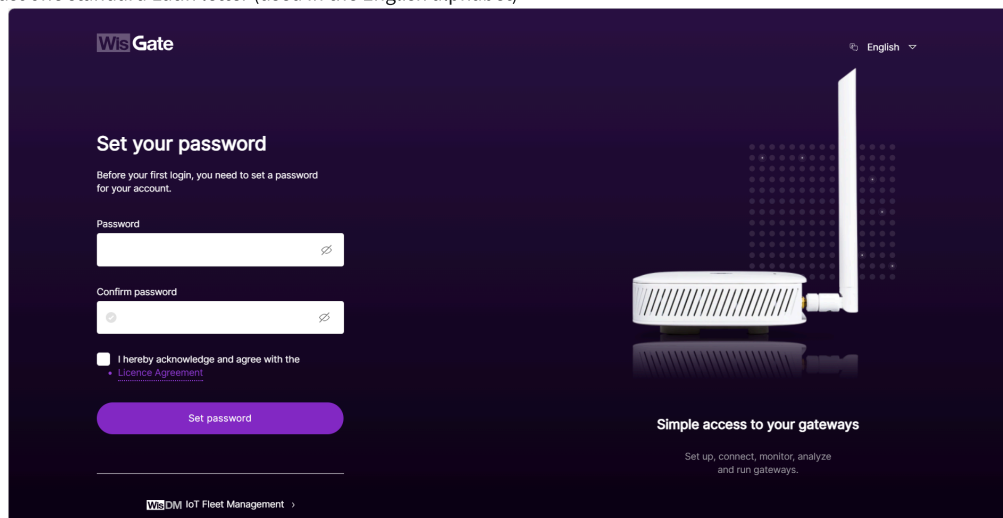


**Figure 4:** Setting IP address of the PC

5. Open a web browser and enter the gateway's IP address (e.g., 169.254.15.1) to access the Web UI. You will be directed to the gateway system login page.

## Log in

1. On the first login, you must set a login password. The password must:
  - At least 12 characters long
  - Has at least one special character (! " # \$ % & \ ' ( ) \* + , - . / : ; < = > ? @ [ ] ^ \_ { | } ~)
  - Has at least one number
  - Has at least one standard Latin letter (used in the English alphabet)



**Figure 5:** Web UI login page

2. Check the agreement box to accept the **License Agreement** before proceeding.
3. Click **Set password** to continue. You will be redirected to the **LoRaWAN Statistics** page.

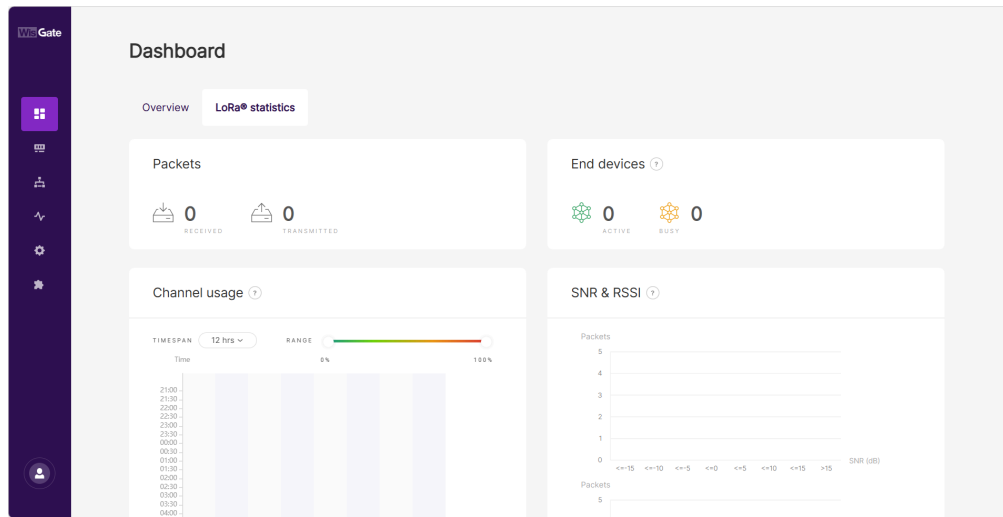


Figure 6: LoRaWAN statistics page

4. For future logins, use the password you set. The default login username is **root**.

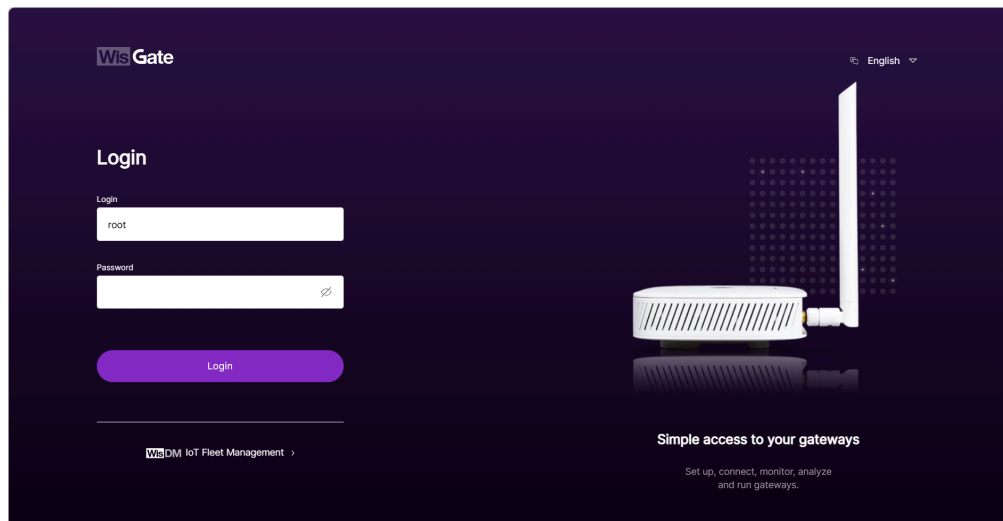


Figure 7: Login Page with set password

#### ! IMPORTANT

Please make sure to save your password securely. If you forget the WisGateOS 2 password, the only way to regain access is to reset the gateway to factory settings. This will erase all configurations.

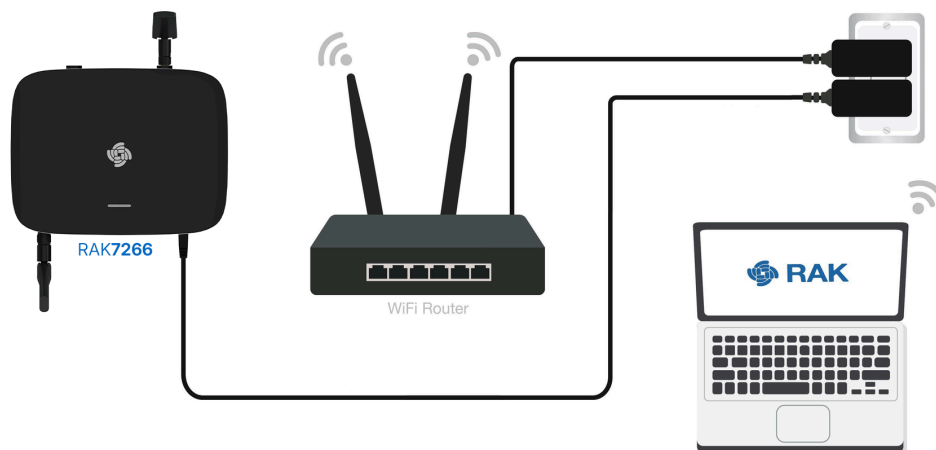
## Access the Internet

You can connect the gateway to the internet through Wi-Fi, Ethernet, or LTE. Multiple connection types can be configured at the same time.

#### 💡 NOTE

This guide uses the RAK7266 as an example for configuration, and the RAK7266S follows the same configuration procedure.

## Wi-Fi

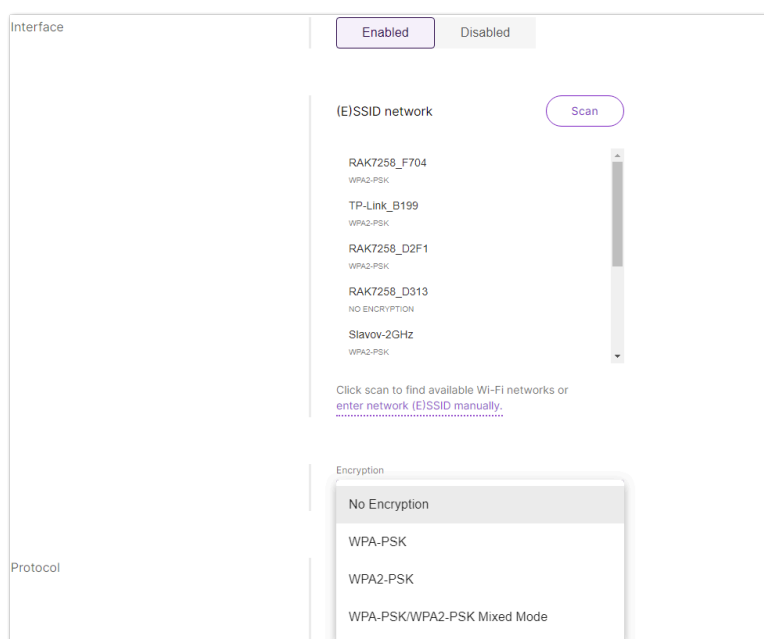


**Figure 8:** Connect the internet via WiFi

1. Log in to the Web UI, go to **Network > WAN > Wi-Fi**.
2. Expand the Wi-Fi section and click on **Settings**. Ensure the **Interface** is enabled.
3. Click the **Scan** button to select your **ESSID**, or manually enter the ESSID of the network by clicking **Enter network (E)SSID manually**.
4. Choose the correct **Encryption** method and enter the appropriate **Key**.

#### **NOTE**

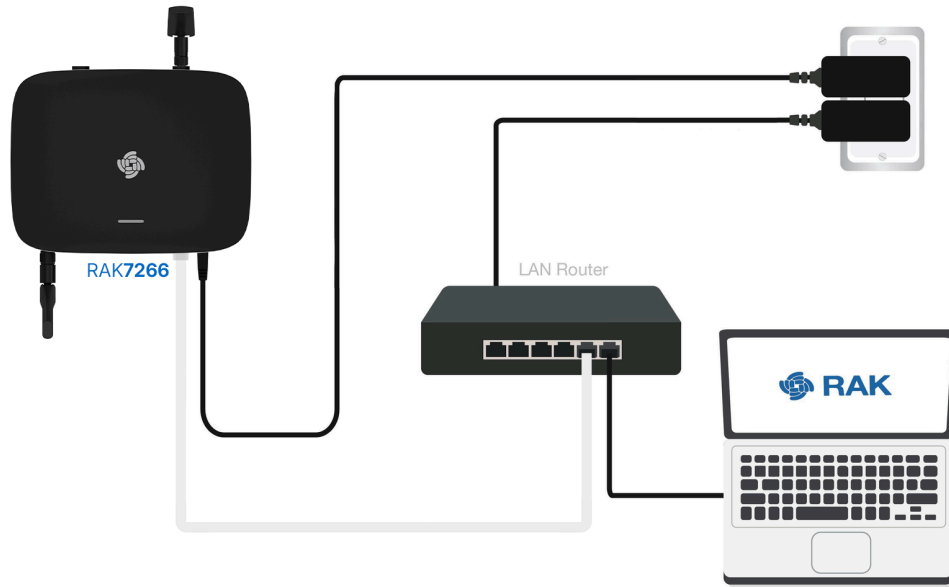
Assuming you have entered the correct parameter values, you should receive an IP address assigned by your Wi-Fi router's (AP) built-in DHCP server. You can use this new IP address to log in via a web browser.



**Figure 9:** WiFi settings

For details, refer to the [WisGateOS 2 User Manual > WAN > Wi-Fi](#).

## Ethernet

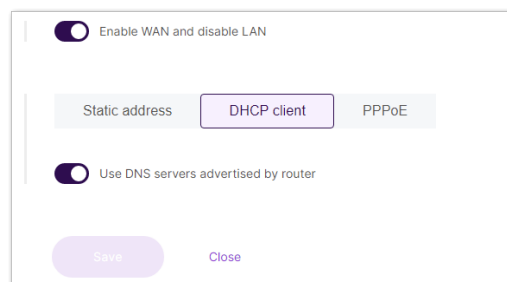


**Figure 10:** Accessing the Internet through Ethernet

1. Connect one end of an Ethernet cable to the gateway's **ETH** port, and the other end to your router.

#### **NOTE**

The router's DHCP server will automatically assign an IP address to the gateway. You can use this IP to access the gateway via a web browser.



**Figure 11:** Connect through Ethernet settings

If additional configuration is required, refer to the [WisGateOS 2 User Manual > WAN > Ethernet](#) .

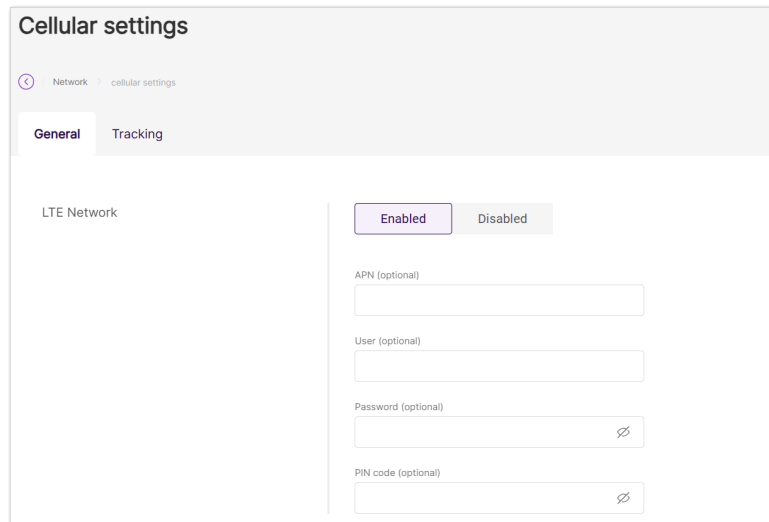
### **Cellular (*For cellular models*)**

The RAK7266 WisGate Soho Lite includes built-in LTE support and will typically connect to the cellular network automatically once a valid SIM card is inserted.

However, in some regions, **manual APN configuration** may be required depending on your mobile operator.

To manually configure APN and other LTE settings:

1. Log in to the Web UI and navigate to **Network > WAN > Cellular**.
2. Expand the Cellular section and click on **Settings**.
3. Enter the required **APN**, **username**, **password**, and **PIN code** if provided by your mobile operator.



**Figure 12:** Connect through cellular settings

For details on each parameter, refer to the [WisGateOS 2 User Manual > WAN > Cellular](#).

 **NOTE**

Make sure that your SIM card is activated and supports data services.

## Connect to LoRaWAN Network Server

Configure your gateway's work mode to quickly establish a connection with a LoRaWAN® Network Server. The gateway supports three operation modes — **Built-in Network Server**, **Packet Forwarder**, and **Basics™ Station**.

For detailed configuration steps and explanations, refer to the [LoRa Configuration Guide](#).