

# FitGateway6 4G 1SFP

EnGenius FitXpress 4-Port Gigabit PoE+ Gateway (XG60-FIT)

## Introduction

This Quick Start Guide is designed to guide you through the installation of the FitXpress **FitGateway6 4G 1SFP**, model **XG60-FIT**, including hardware mounting and configuration.



## FitGateway6 4G 1SFP

### EnGenius FitXpress 4-Port Gigabit PoE+ Gateway

**Model: XG60-FIT**

- 4 x Gigabit Ports to unleash elevated speeds for NAS, workstations, or Wi-Fi 5 APs
- 1 x PoE+ port for a wide range of networking devices such as IP cameras, VoIP phones, workstations and more

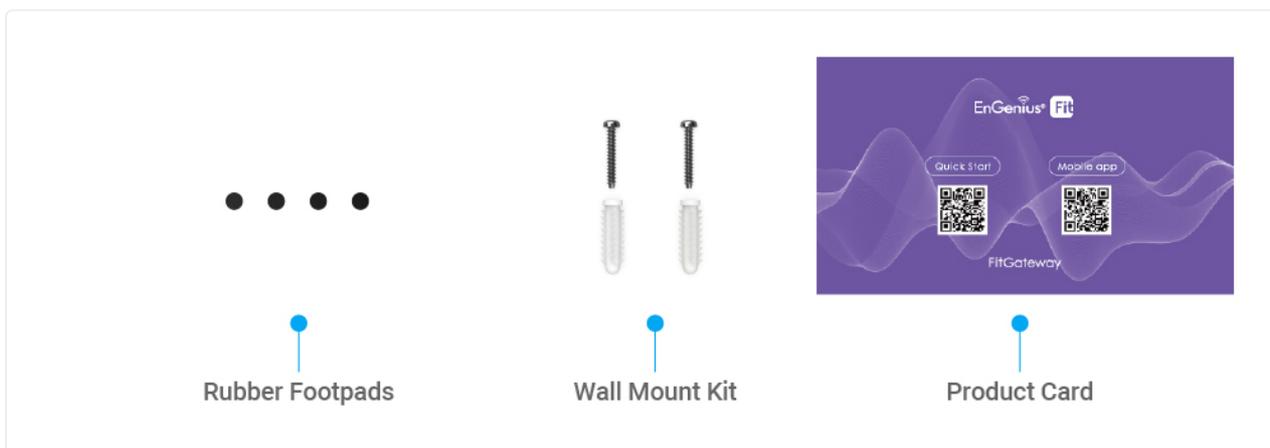
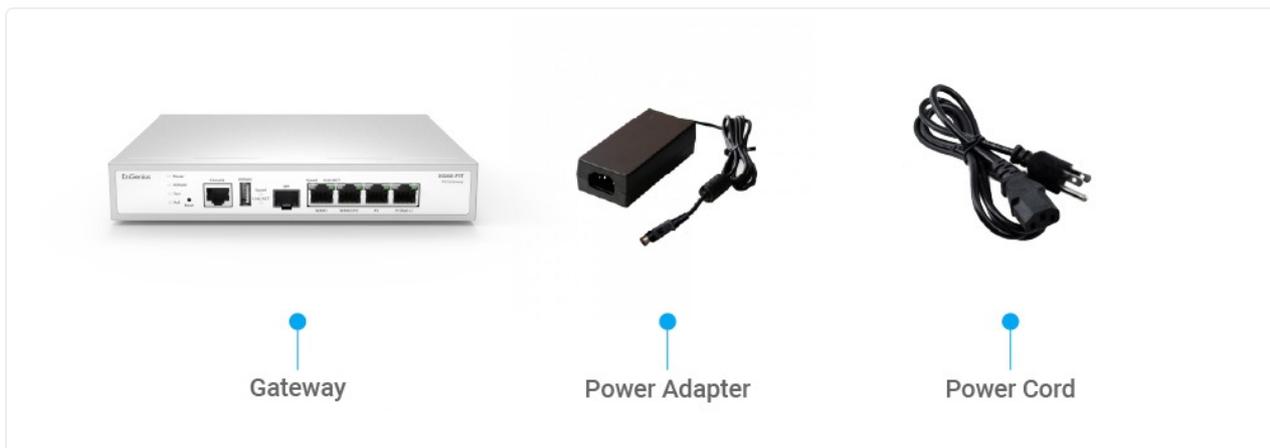
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## Package Contents



## System Requirements

The EnGenius Fit is primarily accessible with a web browser or mobile app. Before signing up for the EnGenius Fit Service or logging on to the EnGenius Fit Platform to manage your network, ensure that you've downloaded the right app and used the supported browser.

**FitXpress App** (iOS/Android )

[!\[\]\(a870788d6ed9b8fd294b7654a8c8526b\_img.jpg\) Download the FitXpress mobile app here](#)



## Web Browser:

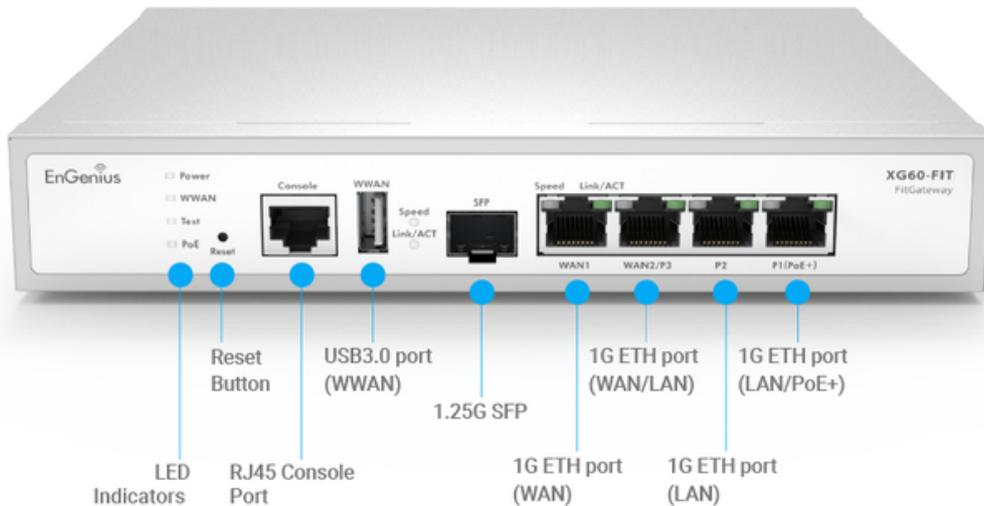
- Google Chrome (57.0.2987.110 and later)
- Microsoft Edge (80.0.361.103 and later)
- Mozilla Firefox (52.0 and later)

## Network Requirements

Before you get started, please make sure the WAN access method in your network environment which will be used to connect this gateway device to the Internet; by default, EnGenius **FitXpress Gateway** (XG-series) is able to assign IP addresses by its internal DHCP server when users connect their client devices to LAN ports (P1, P2, or P3 port).

## Hardware Overview

### Ports



- i • **Reset to default:** Press and hold the reset button more than 10 seconds, and the **Power/WWAN/Test/PoE** LED will become Flashing. Then, the device will be reset to factory default settings.

## LEDs

Location	LED Indicator	LED Color	LED Behavior	Status
System	Power	Orange	Flashing	Power On
		Green	Flashing	Connecting to the Cloud
		Solid On		Cloud Connected
		Green/Orange	Flashing	Firmware Upgrading
	WWAN	Green	Flashing	Reset to Default by HW Button (Push over 10 sec)
		Flashing		Gateway Locating
	Test	Orange	Flashing	Reset to Default by HW Button (Push over 10 sec)
		Blue	Flashing	Gateway Locating
PoE	Green	Solid On	Providing PoE Power	
Ethernet Port	Left (Link Speed)	Orange	Solid On	1G Speed
		Green	Solid On	100M Speed
		Off	Light Off	10M/No Link
	Right (Status)	Green	Solid On	Link established
		Flashing		Data Transmit
Off	Light Off	No Link		
SFP Slot	Link Speed	Orange	Solid On	1.25G Speed
		Green	Solid On	100M Speed
		Off	Light Off	No Link
	Link/Act	Green	Solid On	Link established
		Flashing		Data Transmit
Off	Light Off	No Link		

# Hardware Installation

The **FitXpress Gateway** can be placed on a flat surface or installed on the wall. Please perform the following steps to install:

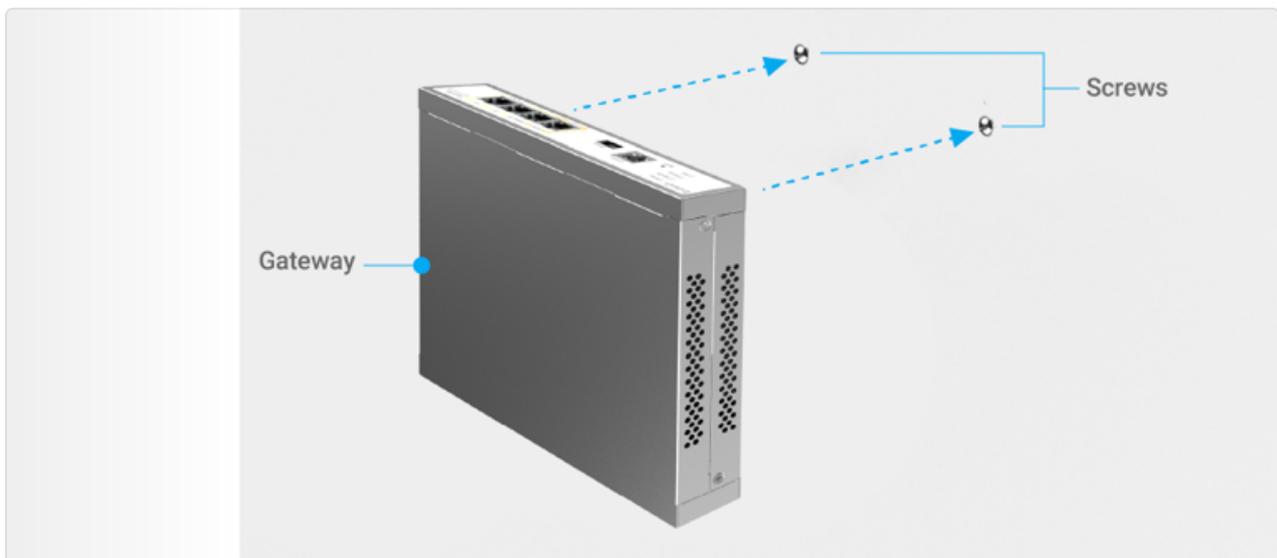
## Place on a Flat Surface

Attach the **Rubber Footpads** at the bottom of the **Gateway** at each corner. The **Rubber Footpads** help secure the Gateway and protect it from vibration and shock when stacking.



## Wall Mount

To mount the **FitXpress Gateway** on a wall, install the two provided **Screws** in positions that correspond to the slots on the bottom side of the **Gateway**, then mount the **Gateway**.



## Cloud Management with FitXpress

### Step 1: Connecting to Ethernet

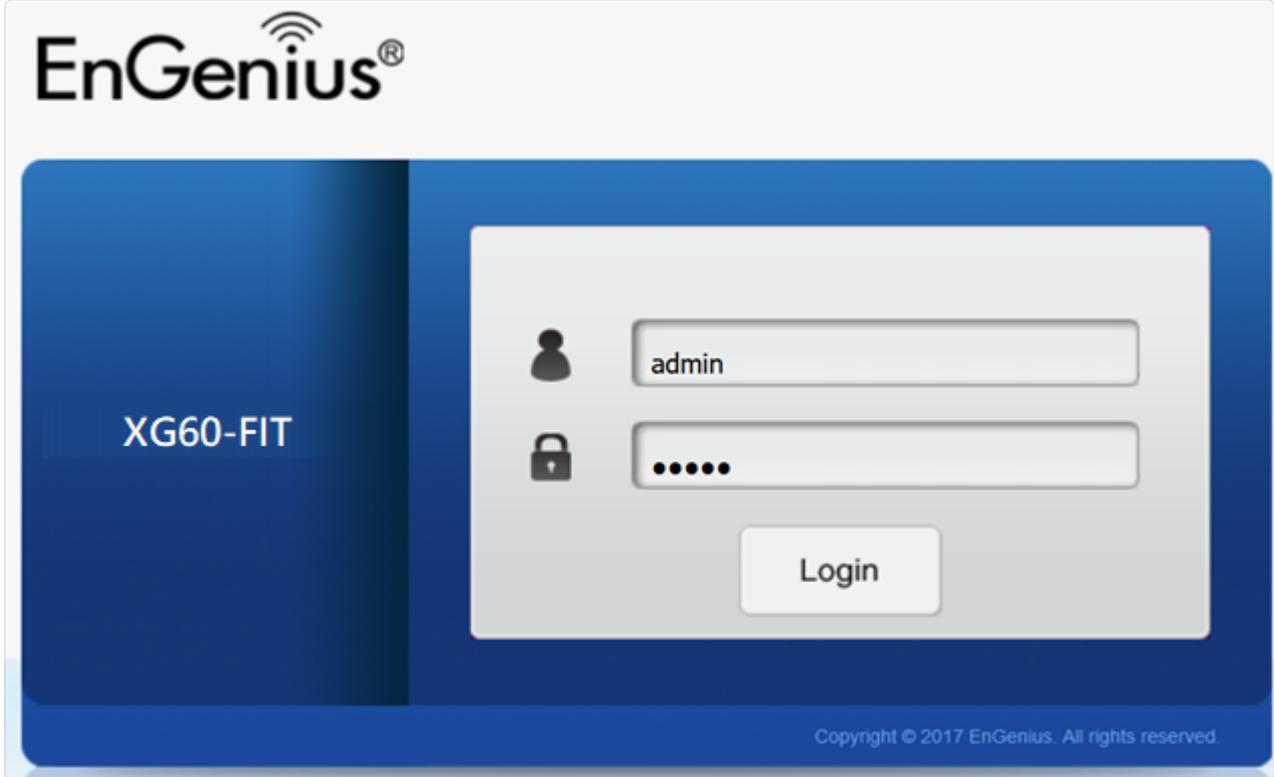
#### Connecting Ethernet to WAN1

Depending on WAN connection type in your network, WAN1 default connection setting is DHCP; if your WAN connection type is DHCP, after you connect Ethernet cable to WAN1 port, you can skip the next WAN1 connection set-up section through gateway Local Status Page.

#### WAN1 Connection Set-up through Device Local Status Page

If your WAN connection type is Static IP or PPPoE, after you connect Ethernet cable to WAN1 port, you have to access gateways Local Status Page to configure WAN1 connection. User can connect a PC to P1, P2, or P3 LAN port, and then open browser and type `http://192.168.66.1` or `http://local.engenius` in URL field., where default login username/password is admin/admin

**Note:** After FIT Gateway has been assigned to an Organization/Network, this local credential will be updated by the Local Credential setting in Cloud Configuration (Configure > General Settings > Local Credential).



### (a) WAN1 Connection by Static IP

Please fill in the IP address config information for your WAN connection (if the uplink switch has tagged VLAN, you need to specify its VLAN ID accordingly).

**WAN1**

VLAN Tagged  (1~4094)

Connection Type: Static IP

IP:

Mask:  (1~32)

Gateway:

Primary DNS:

Secondary DNS:

Internet

Existing NAT Router

Switch

WAN1 VLAN ID tagged 10

Gateway

### (b) WAN1 Connection by PPPoE

Please fill in the PPPoE config information for your WAN connection {if the uplink switch has tagged VLAN, you need to specify its VLAN ID accordingly).

## Config WAN1 PPPoE

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**WAN1**

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VLAN Tagged  VLAN ID  (1~4094)

---

Connection Type PPPoE ▼

---

Username

---

Password

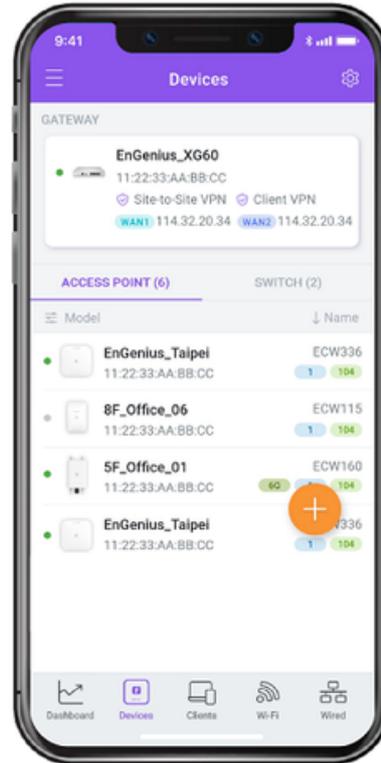
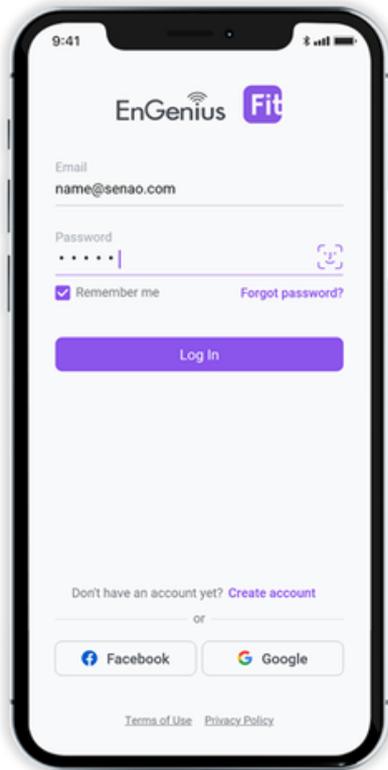
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## Step2: Register Device

You can register the device with the **FitXpress app** or the **FitXpress Cloud platform**.

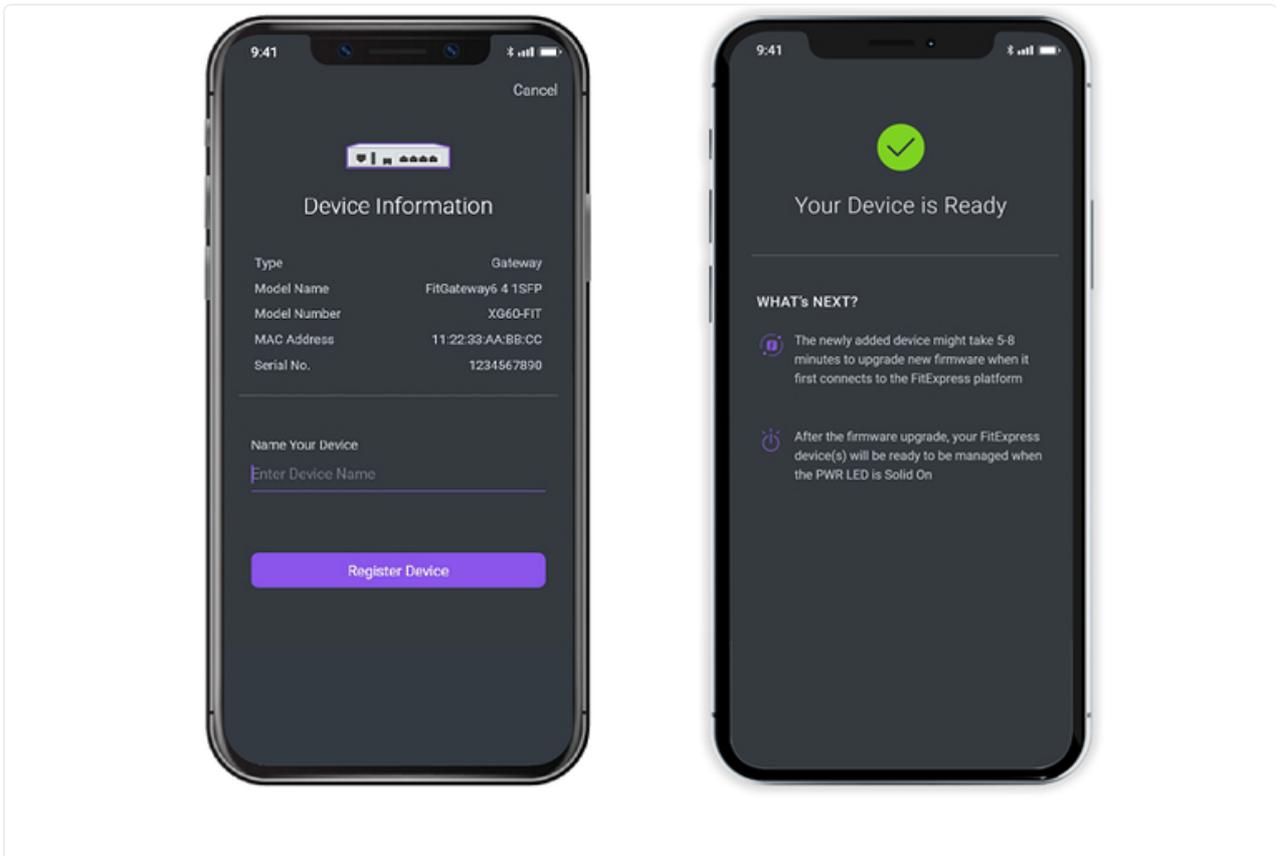
### FitXpress Mobile App

1. Open the **FitXpress** mobile app and create an account.
2. Log in and go to the **Devices** section. Click the **Add(+)** button.
3. Scan the QR code on the back of the device via the app.



Scan to Register

4. If the camera successfully scans a QR code, the app will display the Device Information. You could tap "**Register**" to complete the Registration.



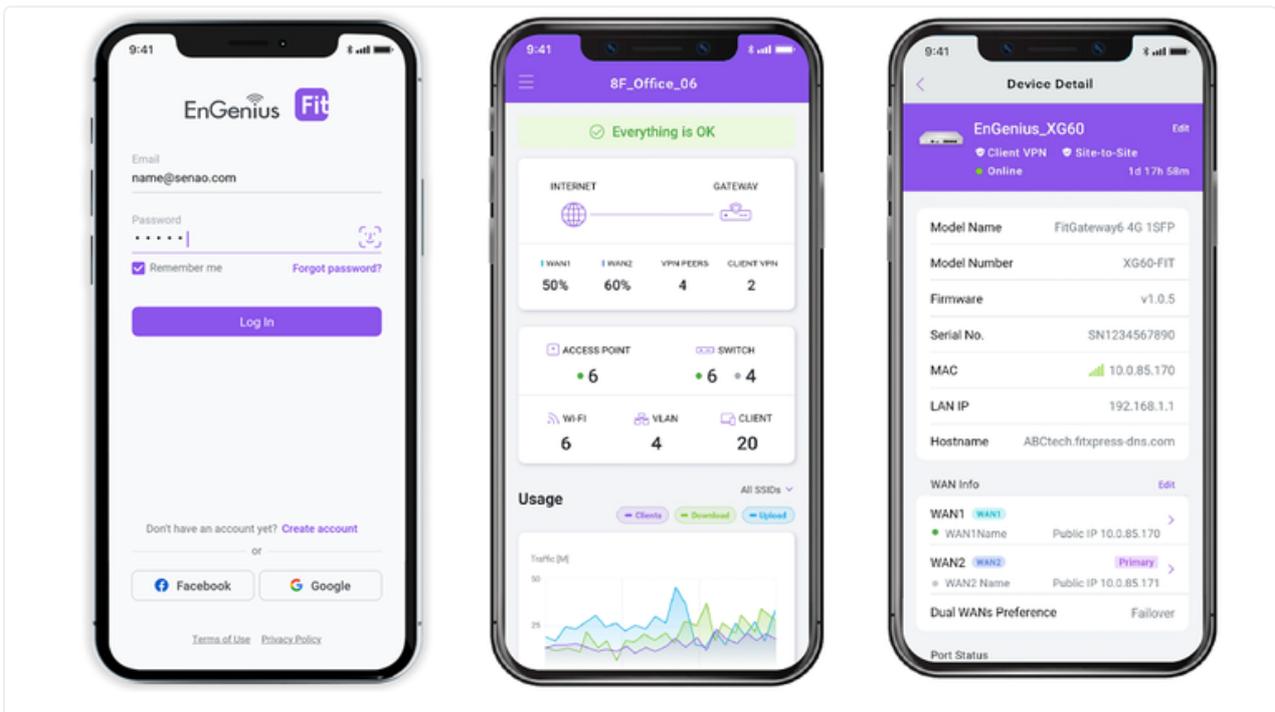
### Step 3: Connect to the FitXpress

Once the device is powered on and ready to connect to the Internet, the **PWR LED** will stay **Solid On**, which means the device is now connected to the **FitXpress** platform. It will automatically download the default configuration settings from FitXpress for automated provisioning.

! When the gateway is connected to the **FitXpress** platform for the first time, it will automatically check the latest available firmware. If the **firmware upgrade** is required, it might take **8~10 minutes** to complete the process.

### Step 4: Manage with FitXpress

Log in to the **FitXpress app** to configure detailed settings and monitor your devices.



## Troubleshooting

If your Gateway device cannot be managed by the Fit Gateway Platform, there might be a problem with connecting to EnGenius Cloud.

To troubleshoot the connection issue, you may log in to the **Gateway Local Web** page:

1. Make sure that your computer LAN interface is set to DHCP and connect to gateway LAN port to get DHCP IP address from the gateway. By default, the computer should get the IP address in this segment 192.168.66.x.
2. Under your web browser, enter the URL: <http://192.168.66.1> to access the Gateway's local status page web interface.
3. You can review the device status after logging into the Gateway with the default admin account/password ([admin/admin](#)).
4. Check the information on the **Device Status** and take action if necessary.

## Cloud Overview

Cloud Registration	YES
Date of Registration	2022/05/17 18:45:48
Last Update Time	2023/02/15 18:45:03

## Network Connectivity

### WAN Network

Connected to network successfully

- WAN1: 192.168.2.114

### Internet

Connected to Internet successfully

### EnGenius Cloud

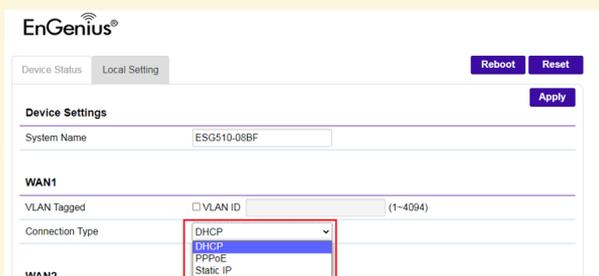
Connected to EnGenius Cloud successfully

Device registered

## Change WAN IP Assignment Settings

By default, the EnGenius Fit Gateway's WAN1 setting is set to DHCP client. If you encounter issues with IP address assignment, please double-check the IP setting, including IP address, subnet mask, gateway, DNS, and management VLAN. If the issue still exists, you may change your IP assignment from "**DHCP**" to "**Static IP**" or "**PPPoE**" via the following procedure in Gateway's Local Status Page page.

1. Go to the **Local Setting** section.
2. Change Configuration setting to "**Static IP**" or "**PPPoE**".
3. Configure the needed settings for the selected type.
4. Reconnect this Gateway to the network and try again.



The screenshot shows the EnGenius Local Setting page. The 'WAN1' section is expanded, and the 'Connection Type' dropdown menu is open, showing options: DHCP, Static IP, and PPPoE. The 'Static IP' option is highlighted with a red box. The 'System Name' is set to 'ESG510-08BF'. There are 'Reboot', 'Reset', and 'Apply' buttons at the top right of the settings area.