

Z-Wave&Zigbee Gateway(Z-NET PRO) Quick Start Guide

Z-Wave&Zigbee Gateway(Z-NET PRO) is a network interface that's designed to send and receive wireless Z-Wave &Zigbee commands to and from compatible smart home products in the home



Overview

Z-Wave&Zigbee Gateway(Z-NET PRO) is a network-connected interface that's designed to send and receive wireless commands to and from Z-Wave and Zigbee smart home devices. Unlike USB connected interfaces which must be directly connected to smart home hubs, Z-Wave& Zigbee Gateway(Z-NET PRO) may be positioned anywhere there's a network connection (Ethernet or WiFi). This guide will go over the steps required for installation in HomeSeer and Home Assistant smart home platforms.

In The Box

- Z-Wave&Zigbee Gateway(Z-NET PRO)
- interface AC Power adapter and cable
- Ethernet cable
- Quick Start card

Hardware Features

Z-Wave&Zigbee Gateway(Z-NET PRO) is equipped with the following:

- **LED status indicators**

- **Power:** The top LED glows red for a few seconds when first plugged in, then changes to green to indicate the unit is operational. This LED will remain lit as long as the unit is operational.



- **Z-Wave:** The middle LED glows green when Z-Wave is correctly configured to work with your hub. Otherwise it is off.



- **Zigbee:** The bottom LED glows green when Zigbee is correctly configured to work with your hub. Otherwise it is off.



- **Ethernet port:** Used to connect Z-Wave&Zigbee Gateway(Z-NET PRO) to your router or network switch.
- **USB-C port:** Used to power the unit.
- **Push button:** Use this to restart the unit or to perform a factory reset.
 - Press for 1-3 second to initiate a **restart** of the Z-Wave&Zigbee Gateway(Z-NET PRO). The LEDs will turn off, then turn back on again starting with the power LED.

- Press for 10 seconds to initiate a **factory reset** of the Z-Wave&Zigbee Gateway(Z-NET PRO). The LEDS will blink rapidly. Release the button when the LEDs stop blinking.
- This function resets the Z-Wave&Zigbee Gateway(Z-NET PRO) Name and WiFi settings. No other data is affected.

Initial Setup

1. Unpack the Z-Wave&Zigbee Gateway(Z-NET PRO) interface, Ethernet cable, AC power adapter and power cable.
 - a. Connect the supplied Ethernet cable from your router or network switch to the Ethernet port on the Z-Wave&Zigbee Gateway(Z-NET PRO).
 - b. Connect one end of the supplied USB power cable to the Z-Wave&Zigbee Gateway(Z-NET PRO) and connect the other end to the AC power adapter.
 - c. Plug the AC power adapter into a 120v AC outlet. The top LED of the Z-Wave&Zigbee Gateway(Z-NET PRO) will glow red briefly and then glow green.
2. Open a web browser and navigate to find.homeseer.com to access the **system finder**.

You should see **Z-Wave &Zigbee Gateway(Z-NET-PRO)** hyperlink displayed (as shown below). If you don't see this,wait a minute and refresh your browser.



3. Click Z-Wave&Zigbee Gateway(Z-NET PRO) to access its settings page. Follow these steps to configure your unit:

System

This section includes a **Name** field, **Z-Wave and Zigbee Port numbers**, a link to all Z-Wave&Zigbee Gateway(Z-NET PRO)**documentation** and the **version** number of its firmware.

System

Name

Z-Wave Port: 2001**Zigbee Port:** 2002[Documentation](#)

Version: 1.0.0.0

1. **Name:** The default name of the unit (Z-Wave&Zigbee Gateway(Z-NET PRO)) is displayed . This is the name that displays in the system finder. If you're installing more than 1 unit, we recommend changing this name to avoid confusion. To do so, enter a new name and click the **Save** button. Your new name will display in the system finder in a few minutes.
2. **Z-Wave Port:** Use port **2001** when setting the network URL to connect to your smart home hub. **Format:** tcp://{IP Address}:{Port Number} | **Example:** tcp://192.168.1.25:2001
3. **Zigbee Port:** Use port **2002** when setting the network URL to connect to your smart home hub. **Format:** tcp://{IP Address}:{Port Number} | **Example:** tcp://192.168.1.25:2002

Ethernet or WiFi?

We recommend using a wired **Ethernet** connection for your Z-Wave&Zigbee Gateway(Z-NET PRO) for the most reliable operation. If you can do this, skip down to the **Ethernet Status** section to obtain IP address and MAC address required to connect to your unit and to create an address reservation in your router.

If it's not possible to use Ethernet, you may connect to your Z-Wave&Zigbee Gateway(Z-NET PRO) using WiFi. Follow the next steps to set up your WiFi connection.

Select WIFI Network

This section displays a list of available WiFi networks. If using WiFi, click the network you wish to use from this section and its attributes will be inserted in the **Enter WIFI Configuration** section below.

Select WIFI Network

Refresh Network List

No.	SSID	Encryption	Signal
1	Net-Flyer-6	WPA2-PSK	-62
2	Net-Flyer-6-Guest	WPA2-PSK	-72
3	Smith-House	WPA2-PSK	-82

Previous

Page 1 / 1

Next

Enter WIFI Configuration

Enter the **WIFI SSID**, **Encryption** type and **WIFI Password**, then click the Connect button to connect the Z-Wave&Zigbee Gateway(Z-NET PRO) to your WiFi network.

Enter WIFI Configuration

Select SSID and Password

WIFI SSID:

Encryption:

WIFI Password:

Connect

WIFI Status

This section displays the connection status, **IP Address** and **MAC Address** for your WiFi connection. Use this information to connect to your Z-Wave&Zigbee Gateway(Z-NET PRO) and to create an address reservation in your router.

WIFI Status

SSID: Net-Flyer-6

Status: CONNECTED

IP Address: 192.168.0.165

MAC Address: 4c:a3:8f:f1:03:d4

Disconnect...

Refresh

In the example above, you would use the following URLs to connect your hub to the Z-Wave& Zigbee Gateway(Z-NET PRO)

- tcp://192.168.0.165:2001 (for Z-Wave)
- tcp://192.168.0.165:2002 (for Zigbee)

Ethernet Status

This section displays the connection status, **IP Address** and **MAC Address** for your Ethernet connection. Use this information to connect to your Z-Wave&Zigbee Gateway(Z-NET PRO) and to create an address reservation in your router.

Ethernet Status

IP Address: 192.168.0.115

MAC Address: A8:8B:28:3C:47:50

In the example above, you would use the following URLs to connect your hub to the Z-Wave& Zigbee Gateway(Z-NET PRO)

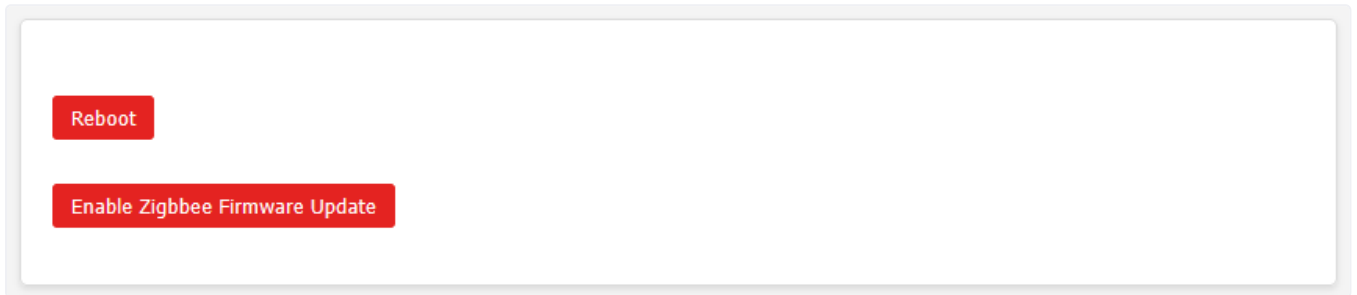
- tcp://192.168.0.115:2001 (for Z-Wave)
- tcp://192.168.0.115:2002 (for Zigbee)

Setting an Address Reservation

An address reservation is a router setting that ensures a specific device always gets the **same IP address** on your network. It's assigned based on the device's **MAC address**. Use the instructions in your router's manual to set an address reservation for your Z-Wave&Zigbee Gateway(Z-NET PRO). This will ensure the unit maintains a reliable connection with your hub.

Additional Features

The bottom of the settings page contains 2 buttons:



- **Reboot:** Click this button to restart the Z-Wave&Zigbee Gateway(Z-NET PRO).
- **Enable Zigbee Firmware Update:** Click this button to initiate a firmware update of the built-in Zigbee interface. (instructions will be provided here when firmware updates become available)

Congratulations!

Now that your Z-Wave&Zigbee Gateway(Z-NET PRO) is connected to your local network, it's time to integrate it with your hub. Refer to the docs linked below for specific instructions for HomeSeer and Home Assistant hubs.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement

To maintain compliance with FCC'S RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.