



Step 1

Locate the TP-Link Nano WiFi Router which was installed by your All Energy Solar crew during the installation of the solar array. This device may be located in a grey plastic box mounted outside the home, close to your solar equipment and electric meter.

For some customers the Nano router is installed inside the home, likely inside a grey plastic box near-by the main breaker panel.

Step 2

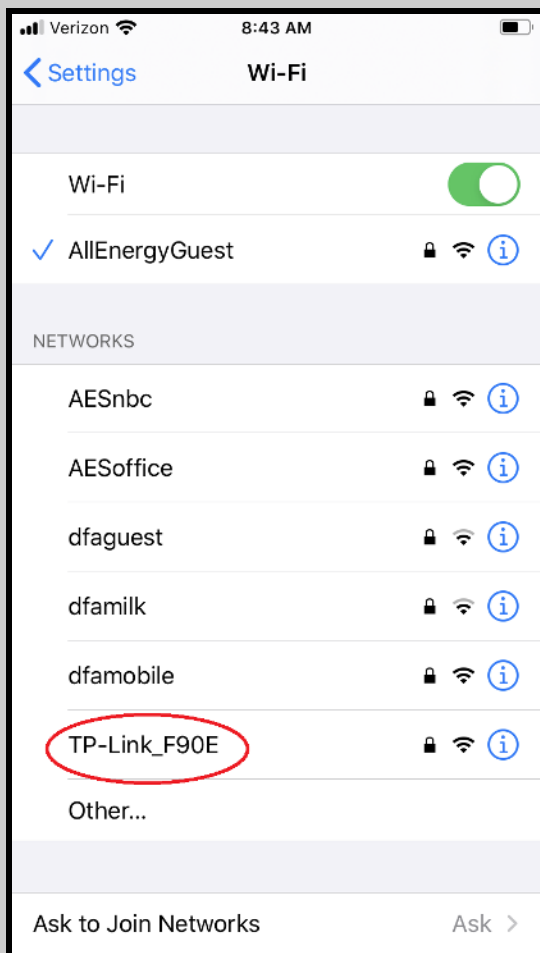
Ensure that the Nano router is powered on, indicated by the small green LED light on the device. Use a paperclip or a pen to press and hold the small reset button on the nano. Hold this button for 15-20 seconds.

Step 3

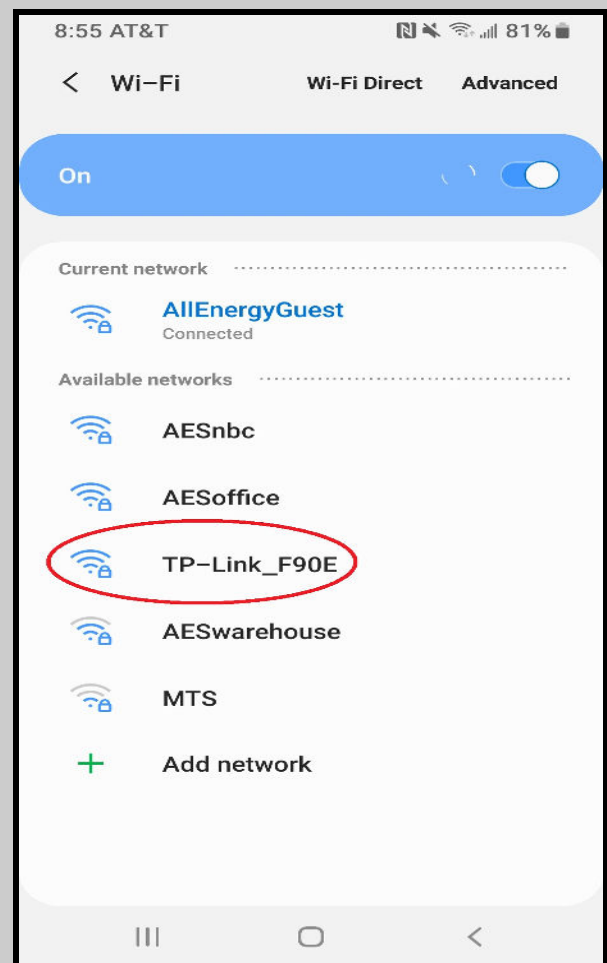
Using your smartphone or computer, select the network which resembles the network name circled in red which is displayed below.

Your nano will broadcast a unique name, however it will always begin with "TP-Link_"

Apple Device



Android Device

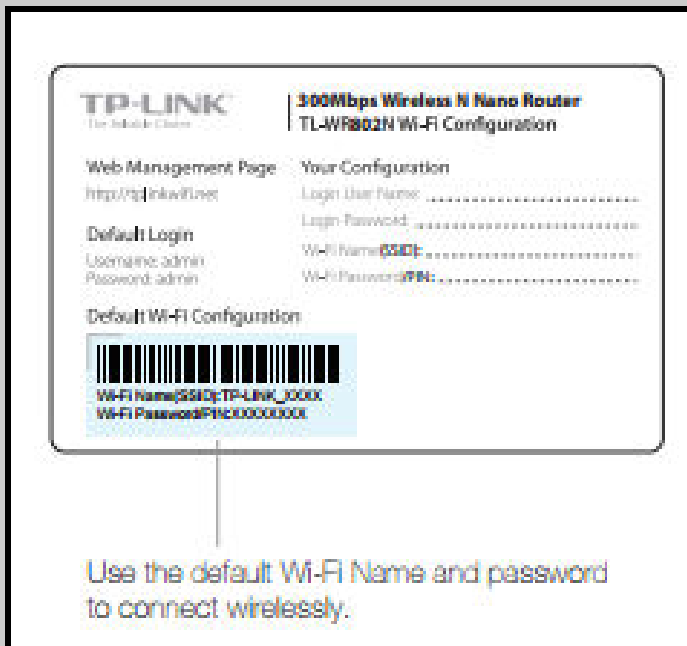


Step 4

Use the default Wi-Fi Password printed on the Wi-Fi Info Card or located on the back of the Nano router to connect to the Nano router. Enter the password into your phone or computer and click join.

Wi-Fi Info Card (may not be provided) :

Backside of Nano router:



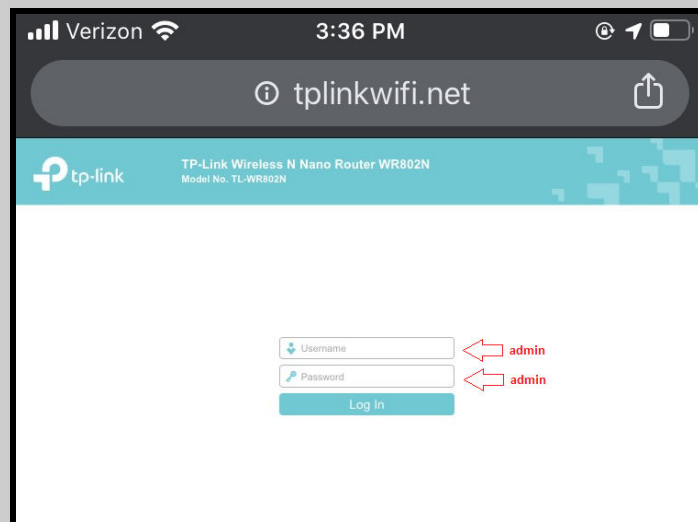
Step 5

After connecting to the TP-Link wifi network, launch a web browser such as Safari or Google and go to the website <http://tplinkwifi.net> or simply type the number **192.168.0.1** into the address bar, and press enter.

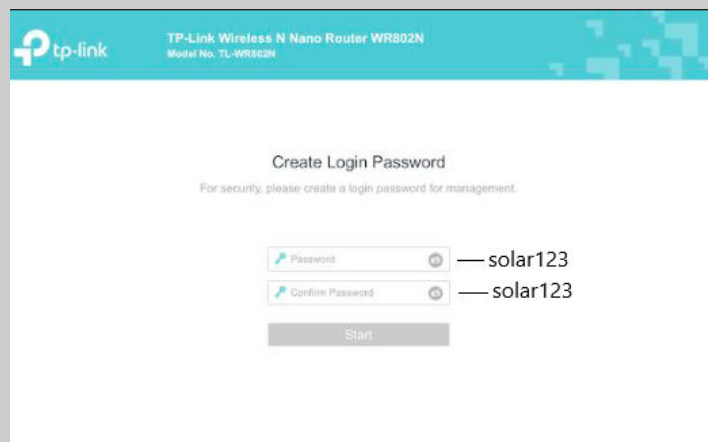


Step 6

Enter the word admin (in lowercase) for both username and password, and select **Login**.

A screenshot of a mobile browser displaying the TP-Link router login page. The address bar shows "tplinkwifi.net". The page header includes the TP-Link logo and the text "TP-Link Wireless N Nano Router WR802N Model No. TL-WR802N". The main content area has a white background with a teal header. In the center, there are two input fields: "Username" and "Password". Red arrows point to both fields with the text "admin" next to them. Below the fields is a teal "Log In" button.

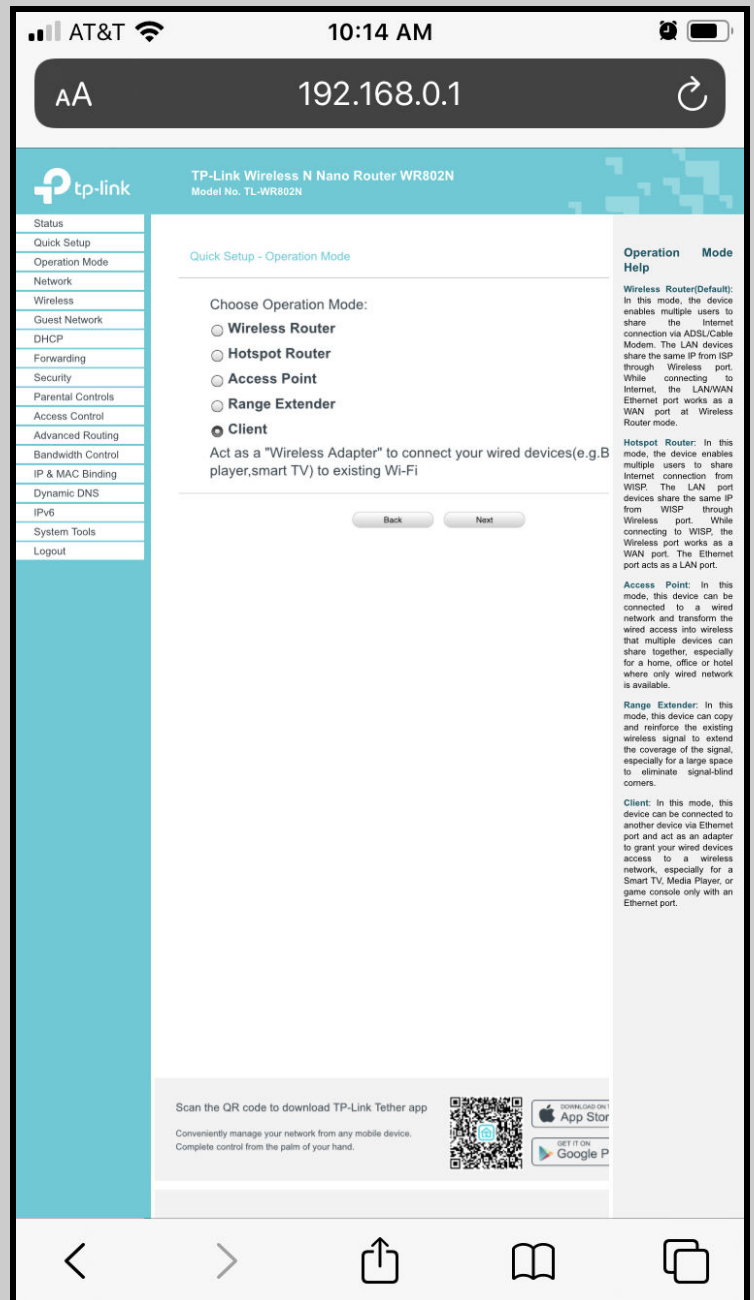
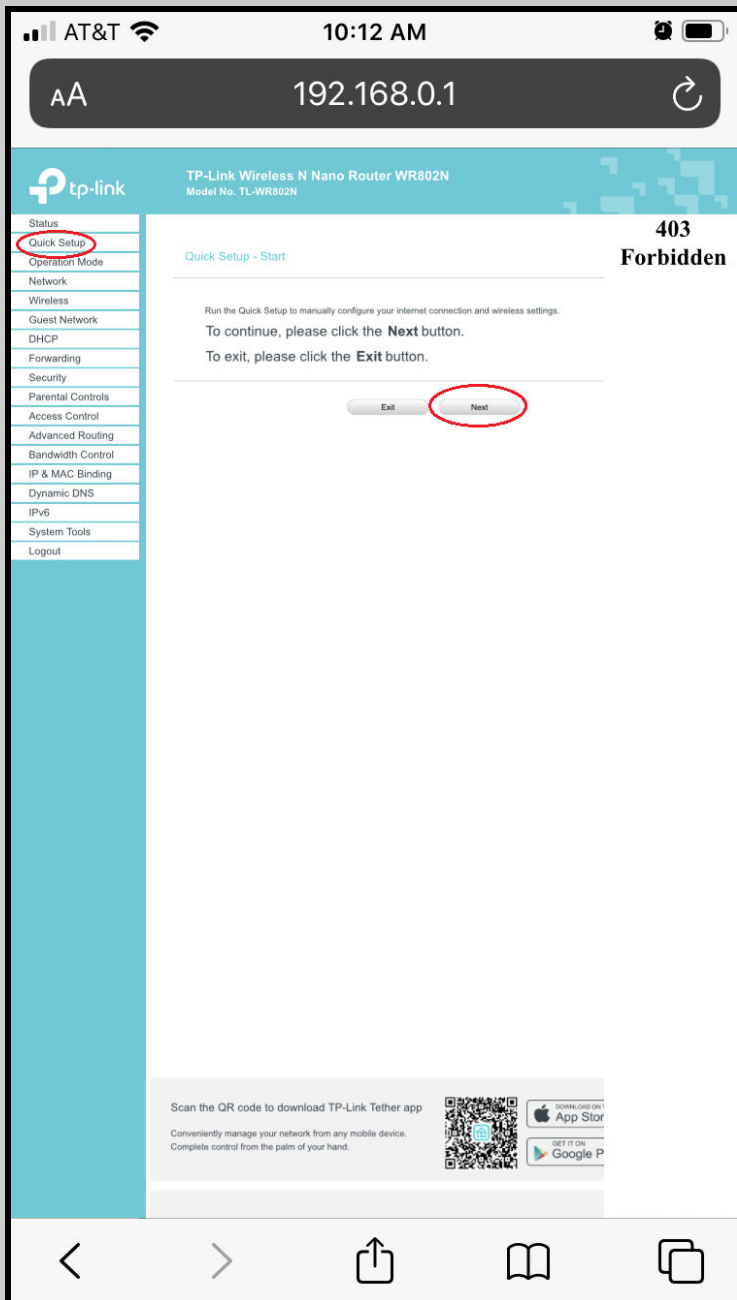
NOTE: if “admin” is unsuccessful and you are prompted to create a password instead, type solar123 in both fields:

A screenshot of the TP-Link router password creation page. The header is the same as the previous screenshot. The main content area has a white background with a teal header. The title "Create Login Password" is centered, followed by the instruction "For security, please create a login password for management." Below this are two input fields: "Password" and "Confirm Password". Red arrows point to both fields with the text "solar123" next to them. Below the fields is a grey "Start" button.



Step 7

Click **Quick Setup** on the far left panel, and click **Next** to start configuring the router. Select **Client Mode** and click **Next**.





Step 8

Find the **Network name** of your Internet Service and scroll to the right and click **Connect**

Verizon 8:47 AM

AA Not Secure — tplinkwifi.net

TP-Link Wireless N Nano Router WR802N
Model No. TL-WR802N

Scanned APs are as follows

Numbers: 28 Refresh

BSSID	SSID	Signal strength	Channel	Encryption	Connect
A:32:BB:A2	AllEnergyGuest	77	6	WPA2-PSK/AES	Connect
A:32:BB:A2	AESoffice	76	6	WPA2-PSK/AES	Connect
F9:09:A3	AESnbc	75	6	WPA2-PSK/AES	Connect
DF:DF:F3		66	1	WPA2-PSK/AES	Connect
DF:DF:F1	dfaguest	66	1	WPA2-PSK/AES	Connect
DF:DF:F0	dfamilk	66	1	WPA2-PSK/AES	Connect
6A:FD:76	DIRECT-76-HP M203 LaserJet	62	6	WPA2-PSK/AES	Connect
0A:E1:B3		54	6	WPA2-PSK/AES	Connect
0A:E1:B1	dfaguest	54	6	WPA2-PSK/AES	Connect
B:F2:B1:71	dfaguest	53	1	WPA2-PSK/AES	Connect
7:12:8B:E3		52	1	WPA2-PSK/AES	Connect
8:DF:89:61	dfaguest	52	11	WPA2-PSK/AES	Connect
8:DF:7A:03		51	11	WPA2-PSK/AES	Connect
E:C7:33:11		50	1	WPA2-PSK/AES	Connect
3:31:3C:8F	DAMEKA1	50	6	WPA2-PSK/AES	Connect
8:DF:7A:00	dfamilk	50	11	WPA2-PSK/AES	Connect
8:DF:7A:01	dfaguest	49	11	WPA2-PSK/AES	Connect
8:F2:B1:70	dfamilk	47	1	WPA2-PSK/AES	Connect
8:DF:89:60	dfamilk	46	11	WPA2-PSK/AES	Connect
7:12:8B:E0	dfamilk	46	1	WPA2-PSK/AES	Connect
8:42:A2:20	myqwest5826	46	6	WPA2-PSK/AES	Connect
8:DF:89:63		44	11	WPA2-PSK/AES	Connect
8:31:3C:8F		43	6	WPA2/AES	Connect
0A:C9:A1	dfaguest	43	11	WPA2-PSK/AES	Connect
8:F2:94:33		41	6	WPA2-PSK/AES	Connect
8:31:3C:8F		39	6	WPA2-PSK/AES	Connect
8:31:3C:8F	OutOfService	39	6	None	Connect
8:31:3C:8F	OutOfService	38	6	WPA2/AES	Connect

Wlan Site Help

Note: The ir APs which connect to is s page. Set as f

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- Then, "conne end of
- Now, network filled i place config automa

Note: Click button to up list.

Click the Ba return Oper selection page



Step 9

Enter your home internet Wifi password in the “Password” field and then click **Next**. For example, the password for the All Energy Solar Guest wifi network is “ABCD1234”

The screenshot shows the TP-Link wireless router configuration interface on a mobile device. The browser address bar shows "Not Secure — tplinkwifi.net". The page title is "TP-Link Wireless N Nano Router WR802N Model No. TL-WR802N". The left sidebar contains a navigation menu with "Quick Setup" highlighted. The main content area is titled "Wireless" and contains the following fields and options:

- SSID(to be bridged): AllEnergyGuest
- MAC Address(to be bridged): [empty] e.g. 00:1D:0F:11:22:33
- Scan button
- Key Type: WPA2-PSK
- Encryption: AES
- Password: G0s0l4r!
- Back and Next buttons

On the right side, there is a "Wireless Help" section with the following text:

Wireless Help

Range Extender - In Range Extender mode, the wireless repeater relays signal between its stations and the root AP for greater wireless range.

- **Wireless Name of Root AP** - Enter the name of a remote AP (also called the SSID) that you want to access. Click the Back button back to the AP list page, you can choose another one of searching results to fill in this field.
- **MAC Address of Root AP** - Enter the MAC address of AP that you want to access. When you use the survey function in previous page to fulfill the Wireless Name of Root AP, this field will be filled in automatically.
- **Wireless Name of Range Extender** - This field determines the Local AP SSID. You can set the same SSID with the Root AP's, or customize as you want.

Hotspot Router - In this mode, the device enables multiple users to share Internet connection from WISP.

- **SSID(to be bridged)** - Enter the name of a remote AP (also called the SSID) that you want to access. Click the Back button back to the AP list page, you can choose another one of searching results to fill in this field.
- **MAC Address(to be bridged)** - Enter the MAC address of AP that you want to access. When you use the survey function in previous page to fulfill the Wireless Name of Root AP, this field will be filled in automatically.
- **Local Network SSID** - Enter the name of the local Wi-Fi Network.

Client - This device will act as a wireless station to enable wired host(s) to access AP.



Step 10

On the next screen simply click **Next** without making any changes

Verizon 11:24 AM

AA Not Secure — tplinkwifi.net

tp-link TP-Link Wireless N Nano Router WR802N
Model No. TL-WR802N

Quick Setup

ap - Network Setting

LAN Type:

Note: The IP parameters cannot be configured if you have chosen Smart IP(DHCP)
(In this situation the device will help you configure the IP parameters automatically as you need).

IP Address:

Subnet Mask:

We recommend you configure this AP with the same IP subnet and subnet mask, but different IP address from your root AP/Router.

DHCP Server: Enable Disable

Network Settings Help

You can configure the IP parameters of LAN on this page.

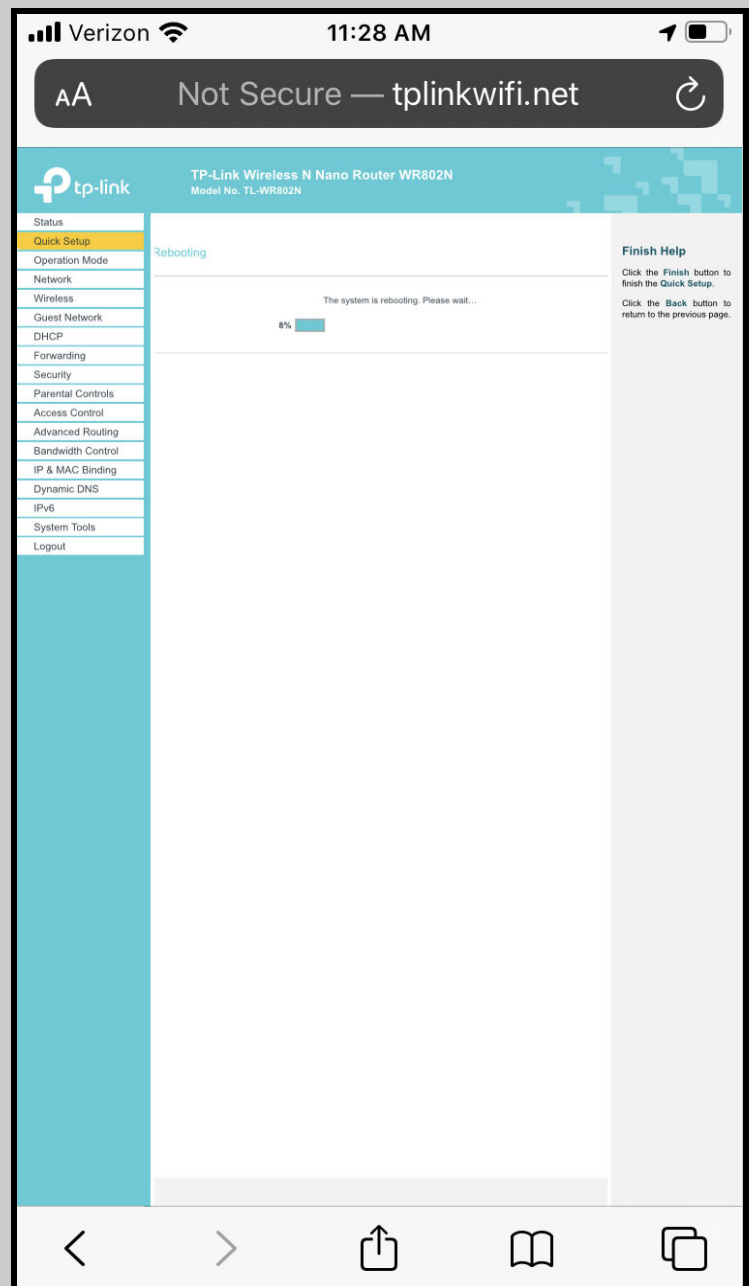
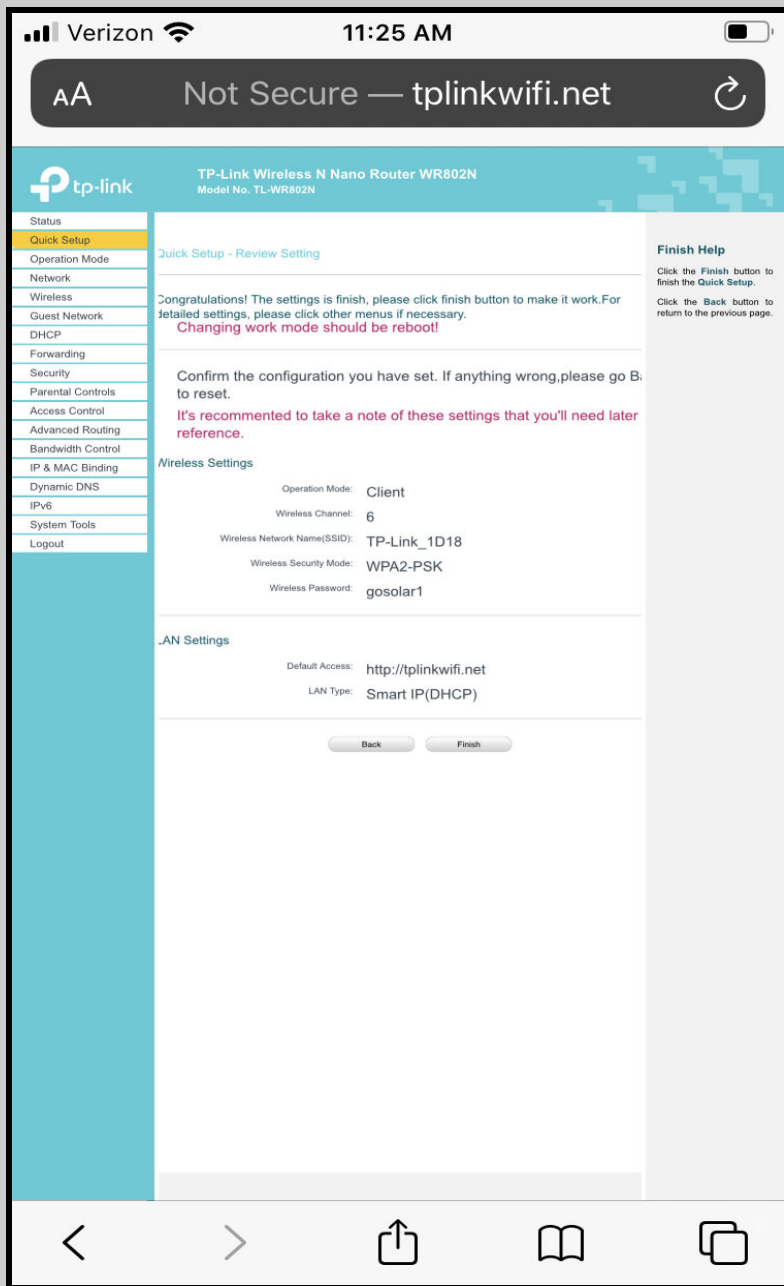
- Type - Choosing Smart IP to get IP address from router DHCP server, or choosing Static IP to config IP address manually.
- IP Address - Enter the IP address of your system in dotted-decimal notation (factory default).
- Subnet Mask - An address code that determines the size of the network. Normally 255.255.255.0 is used as the subnet mask.
- DHCP Server - Enable or Disable the server. If you chose Smart IP type, the selection will be disabled. If you disable the Server, you must have another DHCP server within your network or else you must configure the IP address of the computer manually.

Note: If you change the IP address, you must use the new IP address to login the system.



Step 11

Click **Finish** to complete the configuration. The Nano router will then reboot. Wait for the loading bar to reach 100 percent before closing the window.



Step 12

When you see the final screen shown below you have completed the Nano set-up. Your monitoring device may take 5 to 10 minutes to come back online.

