

# How to configure Client mode of the Wireless N Access Point

In Client mode, the access point connects your wired devices to a wireless network. This mode is suitable when you have a wired device with an Ethernet port and no wireless capability, for example, a smart TV, Media Player, or game console and you want to connect it to the internet wirelessly.



1. Log in the web-based management of the Access Point. For detailed instruction, please refer to [How to log in the web-based management interface of Wireless N Access Point \(new logo\)?](#)

Here takes TL-WA901ND as demonstration.

2. Go to **Quick Setup** and click **Next** to start.

3. If you want to change your login account, click **YES**. Then enter your old username and password, then a new username and password. If not, click **Next** to move on.

The screenshot shows the 'Change the login account' step in the web-based management interface. The interface has a navigation bar with tabs: Start, Operation Mode, Wireless Settings, Network Settings, and Finish. The 'Change the login account' section has two radio buttons: NO and YES. The YES button is selected. Below the radio buttons, there is a red warning message: 'The username and password must not exceed 15 characters in length and must not include any spaces!'. There are five input fields: Old User Name, Old Password, New User Name, New Password, and Confirm New Password. At the bottom, there are 'Back' and 'Next' buttons.

4. Choose **Client** as Operation Mode. Click **Next**.

Start | **Operation Mode** | Wireless Settings | Network Settings | Finish

Please select the proper operation mode according to your needs:

- ☐ **Access Point** - Transform your existing wired network to a wireless network.
- ☐ **Repeater(Range Extender)** - Extend your existing wireless coverage by relaying wireless signal.
- ☐ **Bridge with AP** - Combine two local networks via wireless connection.
- ☒ **Client** - Acting as a "Wireless Adapter" to connect your wired devices (e.g. Xbox/PS3) to a wireless network.
- ☐ **Multi-SSID** - Create multiple wireless networks to provide different security and VLAN groups.

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Next

5. Click **Survey** to find your host network and click **Connect**. Enter the host network's password in the **Wireless Password** field, and then click **Next**.

Start | Operation Mode | **Wireless Settings** | Network Settings | Finish

**Client Mode Setting:**

Wireless Name of Root AP:  (also called SSID)

MAC Address of Root AP:

Survey

You can click the Survey button to scan the network SSIDs, and then choose the target one to setup the connection.

Wireless Security Mode: **Most Secure(WPA/WPA2-PSK)** ▼

All security settings, for example the wireless password should match the Root AP.

Wireless Password:

You can enter ASCII or Hexadecimal characters. For Hexadecimal, the length should be between 8 and 64 characters; for ASCII, the length should be between 8 and 63 characters. For good security it should be of ample length and should not be a commonly known phrase.

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6. Select the LAN IP type of the access point or leave the default setting **Smart IP** for most cases, and then click **Next**.

Start
Operation Mode
Wireless Settings
Network Settings
Finish

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Type: Smart IP(DHCP) ▼

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: 192.168.0.254

Subnet Mask: 255.255.255.0 ▼

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: ☐ Disable ☒ Enable

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7. Click **Finish** to complete the configuration. Now your wired connected devices can enjoy the Internet surfing.

Start
Operation Mode
Wireless Settings
Network Settings
Finish

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Confirm the configuration you have set. If anything is wrong, please go BACK to reset.

It's recommended to take a note of these settings that you'll need later for reference.

Wireless Settings

Operation Mode: Client

Main Router/AP Wireless Network Name(SSID): TP-Link \_Host AP

Main Router/AP MAC Address(BSSID): 74-D4-35-98-43-71

Wireless Security Mode: Most Secure(WPA/WPA2-PSK)

Wireless Password: 123456789

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Network Settings

Default Access: http://tplinkap.net

LAN IP Address: 192.168.0.254

Save

Save these settings as a text file for future reference

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Finish

Get to know more details of each function and configuration please go to [Download Center](#) to download the manual of your product.