D、Customize a security key to encrypt your wireless network and click "OK". The WPA2–PSK/AES encryption may be enabled on the Device.



### 6  Connect to Device Wirelessly

**If you are using Windows XP, do as follows:**

A、Click Start-> Control Panel-> Network Connections,click "Local Area Connection" and select "View Available Wireless Networks".



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B、Select the desired wireless network and click "Connect"



C、Enter the customized security key twice (If any) or simply click "Connect" as there is no preset security key by default



D、When "Connected" is displayed next to the selected wireless network, it indicates you h successfully connected to the Device wirelessly

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**If you are using Windows 7, do as follows**

A、Click on Start> Control Panel > Network and Internet> Network and Sharing Center.Click "Change adapter settings"
Right-click "Wireless Network Connection" and select "Connect/Disconnect" ."



B、Select the desired wireless network and click "Connect" .



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C、Enter the customized security key (If any) or simply click "Connect" as there is no preset security key by default.



Note: If a "Do you want to set up your network?" dialog window pops up, select " Connect to the network without setting it up".

D、When "Connected" is displayed next to the selected wireless network, it means you have successfully connected to the device wirelessly.



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### FAQs:

**1、Q: Can the PW201A be used alone (without a PLC adapter)?**

**A:** Yes. However, when used alone (without a PLC adapter), it functions only as a wireless AP instead of a Powerline wireless AP. Thus, to utilize Powerline feature, you must have at least one Powerline adapter such as the Tenda P200. Simply connect the Tenda P200 powerline adapter to one of the LAN ports on an Internet -enabled broadband router and Plug the PW201A into a wall outlet nearby; then Pcs connected to the PW201A wirelessly or using Ethernet cables are able access Internet using IP addresses obtained from the DHCP server on the Internet-enabled router.

**2、Q: Can the PW201A access Internet immediately after plugged into a wall outlet?**

**A:** No. There are two ways to enable clients connected to the PW201A to access Internet.
a). Connect a second PW201A or another Tenda PLC device to an Internet-enabled broadband router. With a PLC connection established between the two involved PLC devices, clients connected wirelessly to the PW201A are able to access Internet.
b). Connect the PW201A to an Internet-enabled broadband router using an Ethernet cable and clients connected wirelessly to the PW201A will be able to access Internet then.

**3、Q: I want to access Internet and manage the PLC AP concurrently from my PC. What should I do?**

**A:** First, set your PC's IP address to "192.168.0.x" where x represents any integer between 2 and 253. Second, Launch a web browser and access the Device's web utility. Third, enter the LAN configuration screen a nd change the Device's LAN IP to an IP address that is on the same IP net segment as the LAN IP of an Internet -enabledbroadband router (note it down for future use). Fourth, set your PC to " Obtain an IP address automatically". Now you can access Internet while managing the Device.

**4、Q: I have installed two PW201A devices under a single electric meter. How am I supposed to manage them?**

**A:** By default, the two PW201A devices cannot be managed concurrently as both share the same IP address of "192.168.0.254". However, below steps may help:
a) Disconnect either PW201A from the power supply first;
b).Access the connected PW201A's web utility to change its IP address to a different one such as "192.168.0.253";
c). Connect the disconnected PW201A back to the power supply. Now, you can manage both PW201A devices concurrently.
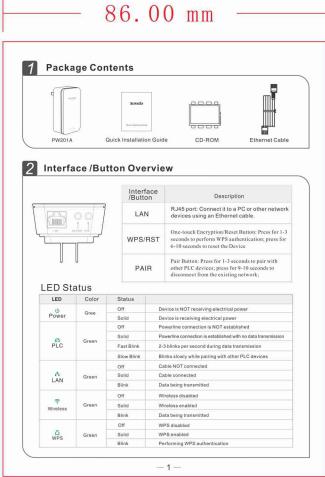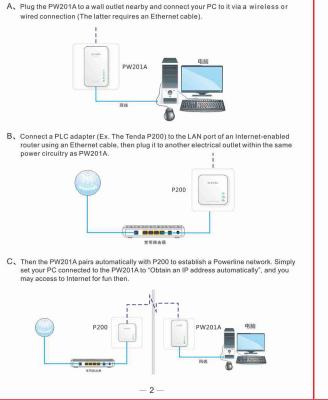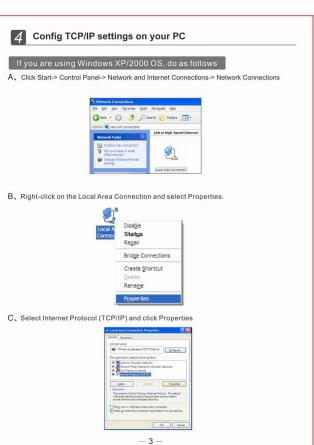
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Quick Installation Guide



**PW201A
300M Power line AP**

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### 1  Package Contents



| PW201A | Quick Installation Guide | CD-ROM | Ethernet Cable |

### 2  Interface /Button Overview



| Interface /Button | Description |
|---|---|
| LAN | RJ45 port: Connect it to a PC or other network devices using an Ethernet cable. |
| WPS/RST | One-touch Encryption/Reset Button: Press for 1-3 seconds to perform WPS authentication; press for 6-10 seconds to reset the Device |
| PAIR | Pair Button: Press for 1-3 seconds to pair with other PLC devices; press for 9-10 seconds to disconnect from the existing network; |

**LED Status**

| LED | Color | Status | Description |
|---|---|---|---|
| Power | Green | Off | Device is NOT receiving electrical power |
| | | Solid | Device is receiving electrical power |
| PLC | Green | Off | Powerline connection is NOT established |
| | | Solid | Powerline connection is established with no data transmission |
| | | Fast Blink | 2-3 blinks per second during data transmission |
| | | Slow Blink | Blinks slowly while pairing with other PLC devices |
| LAN | Green | Off | Cable NOT connected |
| | | Solid | Cable connected |
| | | Blink | Data being transmitted |
| Wireless | Green | Off | Wireless disabled |
| | | Solid | Wireless enabled |
| | | Blink | Data being transmitted |
| WPS | Green | Off | WPS disabled |
| | | Solid | WPS enabled |
| | | Blink | Performing WPS authentication |

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### 3  Hardware Installation

A、Plug the PW201A to a wall outlet nearby and connect your PC to it via a wireless or wired connection (The latter requires an Ethernet cable).



B、Connect a PLC adapter (Ex. The Tenda P200) to the LAN port of an Internet-enabled router using an Ethernet cable, then plug it to another electrical outlet within the same power circuitry as PW201A.



C、Then the PW201A pairs automatically with P200 to establish a Powerline network. Simply set your PC connected to the PW201A to "Obtain an IP address automatically", and you may access to Internet for fun then.



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### 4  Config TCP/IP settings on your PC

**If you are using Windows XP/2000 OS, do as follows**

A、Click Start-> Control Panel-> Network and Internet Connections-> Network Connections



B、Right-click on the Local Area Connection and select Properties.



C、Select Internet Protocol (TCP/IP) and click Properties



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D、Select "Use the following IP address
IP address: Enter 192.168.0.xxx where xxx can be any number between 2 and 253)
Subnet mask: Enter 255.255.255.0.



**If you are using Windows Windows 7/Vista OS, do as follows**

A、Click on Start > Control Panel > Network and Internet > Network and Sharing Center



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B、Click "Change adapter settings"



C、Right-click on the Local Area Connection and select Properties.



E、Select "Use the following IP address"
IP address: Enter 192.168.0.xxx where xxx can be any number between 2 and 253).
Subnet mask: Enter 255.255.255.0.

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D、Select Internet Protocol Version 4 (TCP/IPv4) and click Properties or directly double-click on Internet Protocol Version 4 (TCP/IPv4).





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### 5  Login to Web Utility

A、Launch a web browser, in the address bar, input http://192.168.0.254 and press "Enter".



http://192.168.0.254

B、Enter "admin" in both User Name and Password fields and then click OK.



C、If you entered a correct user name and a correct password, you will see the home page of the Device's web utility.



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