GET STARTED
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## Troubleshoots
The **Prescitech E300** WiFi Range Extender is a network device with multifunction, which can be using for increasing the distance of a WiFi network by boosting the existing WiFi signal and enhancing the overall signal quality over long distances. An extender repeats the signals from an existing WiFi router or access point.

The **Prescitech E300** WiFi Range Extender also can be used as an Access Point.

### Package Contents

- E300 WiFi Extender/AP/Router x 1
- Quick Installation Guide x 1
- RJ-45 Networking Cable x 1
- User Manual x 1
- Reset Pin x 1
Before you install your extender, familiarize yourself with its LEDs, buttons, and port.

Front Panel

2 x External Antennas

WLAN LED 3

WLAN LED 2

WLAN LED 1

Power/ WPS LED

WAN/ LAN LED

LAN LED

WPS Button

LAN

WAN/LAN

Power Switch

Mode Selector Switch

RESET
LED Descriptions

Power/WPS LED
Lit. Power on.
Blinking. A WPS connection is being established.
OFF. Power is not supplied.

WAN/LAN LED
Blinking Fast. The port is sending or receiving traffic.
Off. No Ethernet cable connected.

LAN LED
Blinking Fast. The port is sending or receiving traffic.
Off. No Ethernet cable connected.

WLAN LED 1 – LED 3

<table>
<thead>
<tr>
<th>Mode</th>
<th>LEDs 1</th>
<th>LEDs 2</th>
<th>LEDs 3</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access Point</td>
<td>ON</td>
<td>ON</td>
<td>ON</td>
<td>Wi-Fi radio is operating</td>
</tr>
<tr>
<td>Router</td>
<td>ON</td>
<td>ON</td>
<td>ON</td>
<td>Wi-Fi radio is operating</td>
</tr>
<tr>
<td>Repeater</td>
<td>Blinking</td>
<td>OFF</td>
<td>OFF</td>
<td>Disconnection</td>
</tr>
<tr>
<td></td>
<td>ON</td>
<td>ON</td>
<td>ON</td>
<td>Best connection</td>
</tr>
<tr>
<td></td>
<td>ON</td>
<td>ON</td>
<td>OFF</td>
<td>Good connection</td>
</tr>
<tr>
<td></td>
<td>ON</td>
<td>OFF</td>
<td>OFF</td>
<td>Poor connection</td>
</tr>
</tbody>
</table>
Using as an Extender

The extender works like a bridge between a WIFI router (or an access point) and a WIFI device out of the range from WIFI router. The extender performs two main jobs:

Connects to a WIFI network

When the extender connects over WIFI to an existing network, it functions as a network client, similar to one WIFI device connects to a network.

Acts as an access point for WIFI devices

The extender broadcasts its own signal that WIFI devices can join. As an access point, the extender performs tasks that router does, such as broadcasting its network name (SSID).

The extender must do each of these jobs so that both ends of the bridge are in place.
1 Power on the E300

Switch the power button “ON” & the mode button to “Repeater” on the side of the E300. Plug the E300 into an electrical outlet which next to your WIFI router. The E300 plugged in the proximity of the WIFI router only for the initial setup process.
2 Connect to an existing WIFI network

To extend the range of your WiFi network, you must connect the extender to your existing WiFi network. You can do this in one of two ways:

Method 1. Connect with a web browser.
Method 2. Connect with WPS. (more details on page 08)

Method 1: Connect with a web browser

1. Once connected, visit: http://extenderlogin.com or 192.168.10.1. When prompted, enter “admin” in a lower-case to login. (admin page not available? visit the troubleshoots on Page 16)
2. Click “Wizard” & choose the your router SSID, fill in the Wi-Fi Password of your router, then click “Connect”. If the wireless Network list could not load completely or successful, please click to refresh.

3. It is around half a minute to reboot the E300. You can connect back the new SSID of E300 by locating the suitable place you need (how to locate the repeater please refer to the troubleshoots on Page 16).

NOTE: Once setup successful, the WLAN LEDs would change into Lit Green. The WLAN LED1 keeps blinking if the setup failed, you might enter the wrong password on step 3.
Wi-Fi Protected Setup (WPS) lets you join a secure WiFi network without typing the network name and password. Note: WPS does not support WEP network security.

1. Press the WPS button on the front panel of the E300 around 6 seconds. Release the button, then the WPS LED blinks.

2. Within two minutes, press the WPS button on your router or access point.

3. When the E300 connects to your existing WIFI network successful, the E300 WIFI network name would be changed into “Your Router SSID_EXT”, and the WLAN LEDs are all lit green. If the E300 fails to connect, the WLAN LED1 would keep blinking, try it once again. If still failed, use the Method 1 on page 06.

4. It is around half a minute to reboot the E300. You can connect back the new SSID of E300 by locating the suitable place you need (how to locate the repeater please refer to the troubleshoots on Page 16).

Method 2: Connect with WPS
Connect an Ethernet-enabled Device

After the E300 connected to your existing WIFI network successful, you can connect a wired device to the E300 by using an Ethernet cable. Then the device can access your existing network through the WIFI connection.
Using as an Access Point

The Prescitech E300 WIFI Range Extender also can be used as an Access Point. An access point receives internet data by wired Ethernet (such as hotel’s wired Ethernet), and converts into a 2.4GHz wireless signal. It sends and receives wireless traffic to and from nearby wireless clients.
1. Power on the Prescitech E300
   Switch the power button “On” & the mode button to “AP” on the side of the extender. Plug the extender into an electrical outlet.

2. Connect the E300 to your wired Ethernet port with Ethernet cable came with the E300.

3. Use a WIFI network manager on a computer or smartphone (recommended) to find and connect to the E300 network “Prescitech E300”. Using the PIN number on the rear panel of the E300 if ask for the password.
4. Once connected, visit: http://extenderlogin.com or 192.168.10.1. When prompted, enter “admin” in a lower-case to login. (admin page not available? visit the troubleshoots on Page 16).
5. Click “Wizard”, choose the Security Type as “WPA/WPA2 Mix” (Recommend). Set up your own WIFI password & submit “Apply”.

<table>
<thead>
<tr>
<th>AP Wizard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wi-Fi SSID: Prescitech E300</td>
</tr>
<tr>
<td>Security Type: WPA/WPA2 Mix</td>
</tr>
<tr>
<td>Wi-Fi Password: xxxxxxxxxxx</td>
</tr>
</tbody>
</table>

6. It is around half a minute to reboot the E300. You can connect back the E300 by the password you set.
Other Settings

Change the password of Prescitech E300

1. Connect the E300 and visit the admin page by entering http://extenderlogin.com or 192.168.10.1

2. Fill in the password of admin page.

3. Click “Settings” >> “Login Password”. Input your current password & the new password you want to set twice.

4. Click “Apply” button, your change would be saved.

<table>
<thead>
<tr>
<th>🔄 Login Password</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Password:</td>
</tr>
<tr>
<td>New Password:</td>
</tr>
<tr>
<td>Confirm Password:</td>
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</table>

Apply
Hide extender’s wireless network

You can hide the extender wireless network that which would not display in your client WIFI scanning list. Other people could not join the wireless network if they do not have your wireless network SSID even they get the password of the wireless network.

This function ONLY works for AP mode.

1. Connect the E300 and visit the admin page by entering http://extenderlogin.com or 192.168.10.1
2. Fill in the password of admin page.
3. Click “Wi-Fi” >> “SSID & Password”. Choose “Hide”, then submit “Apply”.
4. After restarted, the SSID would not show up for the publish network list.

<table>
<thead>
<tr>
<th>SSID &amp; Password</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless Status: <strong>ON</strong></td>
</tr>
<tr>
<td>Hide SSID: <strong>Hide</strong></td>
</tr>
<tr>
<td>Wi-Fi SSID: <strong>XXXXXX_EXT</strong></td>
</tr>
<tr>
<td>Security Type: <strong>WPA/WPA2 Mix</strong></td>
</tr>
<tr>
<td>Password: <strong>XXXXXXX</strong></td>
</tr>
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</table>

Click **Apply**
Troubleshoots

1. How to find out the suitable location for my E300?
The location that you choose must be within the range of your existing WIFI router network. Use the WLAN LEDs to help you choose a spot where the extender-to-router connection is optimal. If only the WLAN LED 1 & 2 lit, plug the extender into an outlet closer to the router and try again. Keep moving the extender to outlets closer to the router until all 3 WLAN LEDs lit.

Note: Place the extender in an elevated location and minimizing the number walls and ceilings between the router and your other devices.

2. Why the admin page not available/could not visit during my setup?
1) If you are using the smartphone to setup the E300. Make sure your mobile’s own signal(2G/3G/4G) has been disable. And pay more attention that your smartphone would change into another WIFI signal automatically if the device detects the E300 could not visit the internet.
2) If you are using the computer/laptop to setup the E300, and the E300 has been reset into its default setting ever before. Please clear the browser caching & wait around half of minute. Or you can change another browser to try, refresh several times.

We recommend you using the smartphone to setup the E300, that would be less effected by your internet environment setting.

3. My internet speed drops after setup successful, how to fix it?

Try to place the E300 into new location which away from some obstacles. Like: Cabin, Glass & Walls. And wireless devices also effect the signal transmitting. Like cordless phone, fax, microwave oven, doorbell.

If there are too many WIFI signal nearby. Try to change the channel of E300. Please google “how to choose the right channel”.

4. My problem not solved above?

Please call our support team

**US COST FREE Tech Support:**

**800-213-1134**

(PST Mon-Sun 06:00-24:00)

**UK COST FREE Tech Support:**

**800-970-3063**

(GMT Mon-Sun 14:00-08:00)
Model: E300

E300 Mini WiFi Range Extender / AP / Router

US COST FREE Tech Support:
800-213-1134
(PST Mon-Sun 06:00-24:00)

UK COST FREE Tech Support:
800-970-3063
(GMT Mon-Sun 14:00-08:00)

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