

Quick Start Guide

11b/g Wireless Long Range Multi-function 7+1 AP

ECB3500 is a powerful, enhanced, enterprise level product that supports 7 multi-functions to operate for every kind of working environment.

This is a Wireless high transmit output power and high data rate indoor device which plays different roles of Access Point/ Client Bridge / Repeater / WDS AP / WDS Bridge / Client Router / AP Router. It operates seamlessly in the 2.4 GHz frequency spectrum supporting the 802.11b (2.4GHz, 11Mbps) and super high speed of 802.11g (2.4GHz, 108Mbps) wireless standards. It supports high output power level settings, bandwidth selection, RSSI indicator and antenna diversity which enable the best transmitting and receiving signal for traffic communication.



The attractive design, high performance, and array of features make ECB3500 a suitable wireless solution for your residence or office.

This Guide will assist you in setting up the device as quickly as possible and with the least effort.

Hardware Installation

1. Place the unit in an appropriate place after conducting a site survey.
2. Plug one end of the Ethernet cable into the RJ-45 port on the rear panel of the device and another end into your PC/Notebook.
3. Insert the DC-inlet of the power adapter into the port labeled "DC-IN" and the other end into the power socket on the wall.

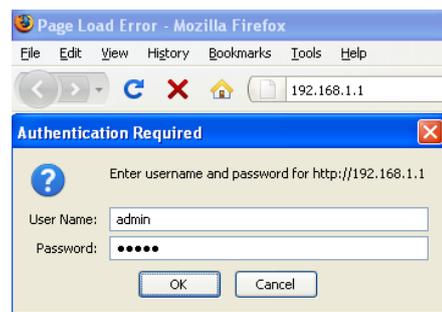
IP Address Configuration

The default IP address of the device is **192.168.1.1 (Access Point mode)**. In order to log into this device, you must first configure the TCP/IP settings of your PC/Notebook.

4. In the control panel, double click Network Connections and then double click on the connection of your Network Interface Card (NIC). You will then see the following screen.
5. Select **Internet Protocol (TCP/IP)** and then click on the **Properties** button. This will allow you to configure the TCP/IP settings of your PC/Notebook.
6. Select **Use the following IP Address** radio button and then enter the IP address (192.168.1.21) and subnet mask (255.255.255.0). Ensure that the IP address and subnet mask are on the same subnet as the device.
7. Click on the **OK** button to close this window, and once again to close LAN properties window.

Logging In

1. To configure the device through the web-browser, enter the IP address of the Bridge (**default: 192.168.1.1**) into the address bar of the web-browser and press **Enter**.
2. After connecting to the IP address, the web-browser will display the login page. Specify **admin** as the default **User Name** and **Password**, and then click on the **Login** button.



Administration

1. Click on the **Administration** link under the **Management** menu. This option allows you to create a new password for the device. For security it is highly recommended for security reasons.
2. **Name:** Specify a user name into the first field.
3. **Password:** Specify a password into this field and then re-type the password into the **Confirm Password** field.
4. Click on the **Apply** button to save the changes.

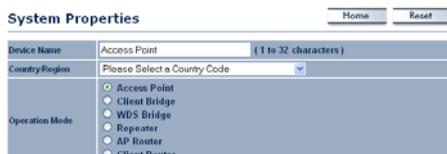
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Long Range Wireless Access Point / Client Bridge

Switching Between Operating Modes

This device can operate in the following modes: Access Point, Client Bridge, WDS Bridge, Repeater, AP Router, and Client Router.

1. Click on the **System Properties** link under the **System** navigation drop-down menu.
2. **Device Name:** Specify a name for the device. This is not the SSID.
3. **Country/Region:** Select the country from the drop-down list.
4. **Operating Mode:** Select an operating mode from the list (Access Point, Client Bridge, or Client Router) and then click on the **Apply** button.



5. Refer to the User's Manual for a detailed description and configuration for each Operating Mode.

IP and DHCP Settings

1. Click on the **IP Settings** link under the **System** drop-down menu. This page allows you to configure the device with a static IP address or a DHCP client.
2. **IP Network Setting:** Select **Obtain an IP address automatically (DHCP)** radio button if the Access Point is connected to a DHCP server. Select **Specify an IP Address** radio button if you would like the device to use a static IP address. In this case, you would be required to specify an IP address, subnet mask, and default gateway IP address.
3. **IP Address:** Specify an IP address
4. **IP Subnet Mask:** Specify the subnet mask for the IP address
5. **Default Gateway:** Specify the IP address of the default gateway.
6. Click on the **Apply** button to save the changes.

Note: If you change the IP address here, you may need to adjust your PC's network settings to access the network again.

Wireless Network & Security

1. Click on the **Wireless Network** link on the **Wireless** drop-down menu. This page allows you to configure the wireless mode, channel, SSID, and security settings.
2. **Wireless Mode:** Depending on the type of wireless clients that are connected to the network, you may select **B, G, B/G-mixed** or **Super G mode**.
3. **Channel:** Select a channel from the drop-down list. The channels available are based on the country's regulation.
4. **Current Profiles:** You may configure up to four different wireless profiles. Click on the **Edit** button to modify the profile and place a check in the **Enable** box to activate the profile.
5. **SSID:** The SSID must be identical on all points of the wireless network and cannot exceed 32 characters.
6. **VLAN ID:** If you have enabled VLAN tagging on your network, specify the VLAN tag ID.
7. **Suppressed SSID:** Place a check in this box if you would like to hide the SSID. By enabling this feature, wireless clients will not be able to scan this access point in a site survey.
8. **Station Separation:** This is also known as layer 2 isolation. Clients connected to this Access Point will not be able to directly communicate with each other.
9. **Security Mode:** By default, the security is disabled. Refer to the next section to configure the security features such as **WEP, WPA, WPA-PSK, WPA2, WPA2-PSK and WPA-Mixed**.
10. Refer to the User's Manual for a detailed description and configuration for each security feature.
11. Click on the **Apply** button to save the changes.