

CPE 750-0 / 1200-0

333006 / 333002

Wireless Outdoor CPE



User manual



EKSELANS BY ITS

Index

Hardware interface	3
Installation diagram	3
Connect.....	4
Web interface	5
Advanced Settings	17

Hardware interface



- **RESET:** Reset Button, it make AP revert to default data after press it 15 seconds.
- **WAN:** WAN Port, connect with ADSL modem or Internet mainly. It will be LAN port under Wireless AP and Wireless Repeater operation mode.
- **5.8G Connector:** Connect 5.8 GHz antenna ANT 58-12
- **2.4G Connector:** Connect 2.4 GHz antenna ANT 24-12.

Installation diagram

1. PoE Injector Power Supply



2. Powered by PoE Switch

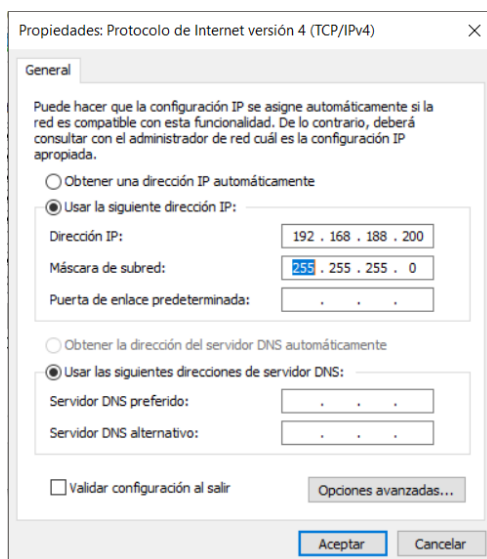


Connect

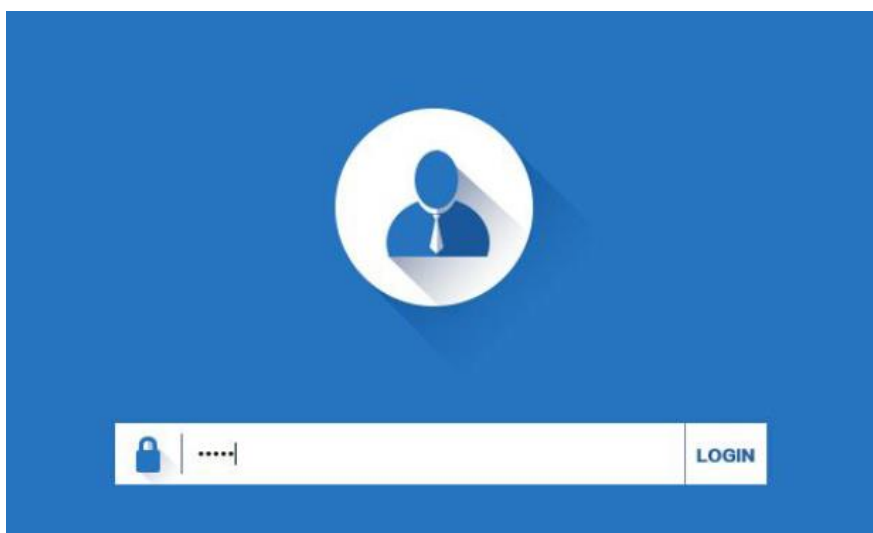
Note: The default SSID is Ek_2.4G with password 123456789

To connect to **CPE 750-0 / 1200-0** please follow these steps:

1. Connect to **CPE** with Ethernet cable or wireless.
2. Set our Ethernet / Wireless adapter with Static IP:



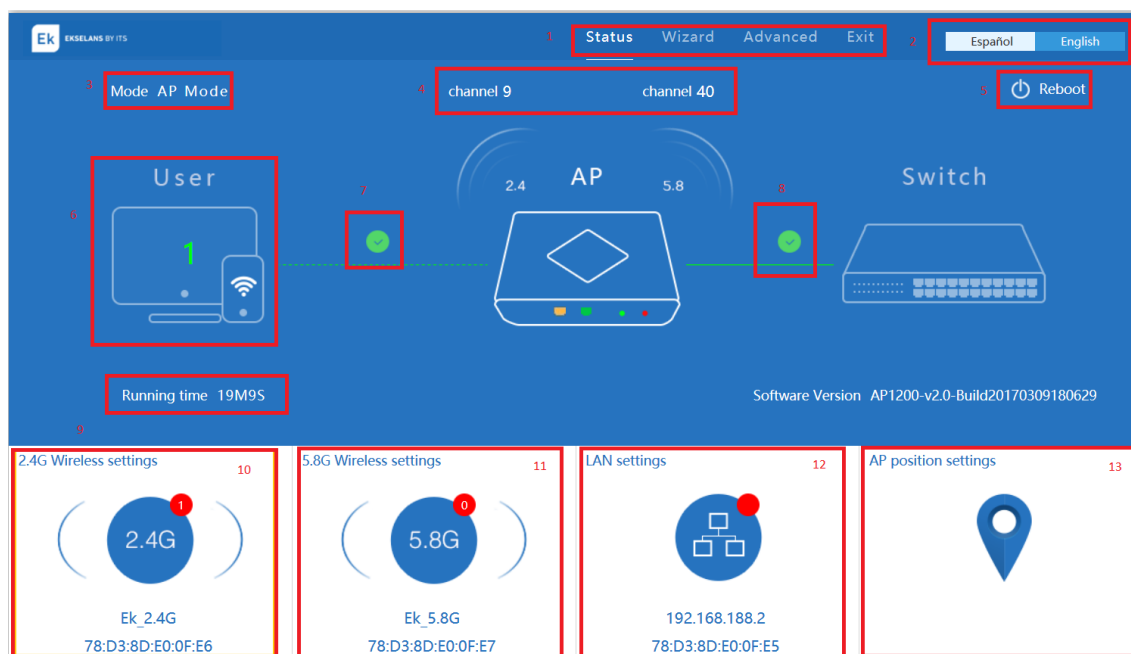
3. Open a Web browser and navigate to the URL: <http://192.168.188.253>



4. To enter use the password: **admin**

Web interface

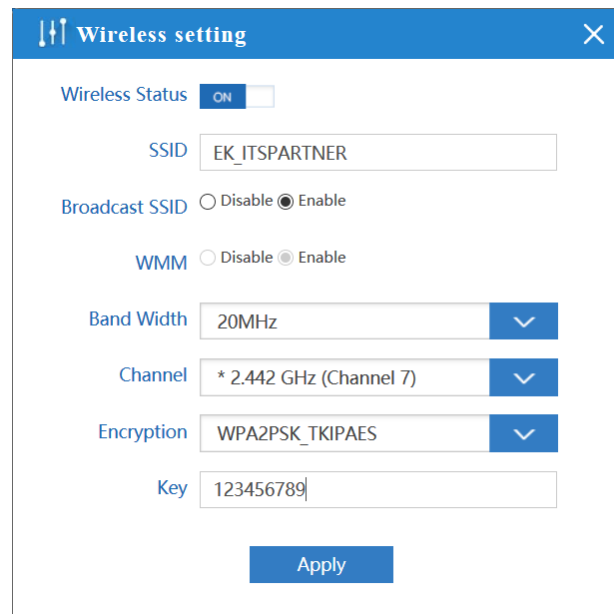
After entering, the password will appear the main interface



1. Displays the Menu.
2. Language Selector can be English / Spanish.
3. Displays the Operational mode (AP Mode, Gateway Mode, and Repeater).
4. Displays the channel that the wireless is broadcasting.
5. To reboot the device
6. Shows the number of users connected to the device.
7. Displays if the user connection to the device is good or bad.
8. Displays if the device connection to the external network is good or bad.
9. Shows the running time of the device.
10. Displays Wireless information such as Wireless SSID and Wireless MAC for 5.8G. Also by doing click on it will open the fast configuration menu for Wireless
11. Displays Wireless information such as Wireless SSID and Wireless MAC for 2.4G. Also by doing click on it will open the fast configuration menu for Wireless
12. Displays LAN information such as device IP and LAN MAC. Also by doing click on it will open the fast configuration menu for LAN network.
13. Displays the AP position information, by doing click on it will open the fast configuration menu for AP position.

Wireless setting (Main Window 10 and 11)

Clicking in the Wireless section will open the fast configuration menu for Wireless



The image shows a 'Wireless setting' configuration window. It has a title bar with a window icon, the text 'Wireless setting', and a close button. The settings are as follows:

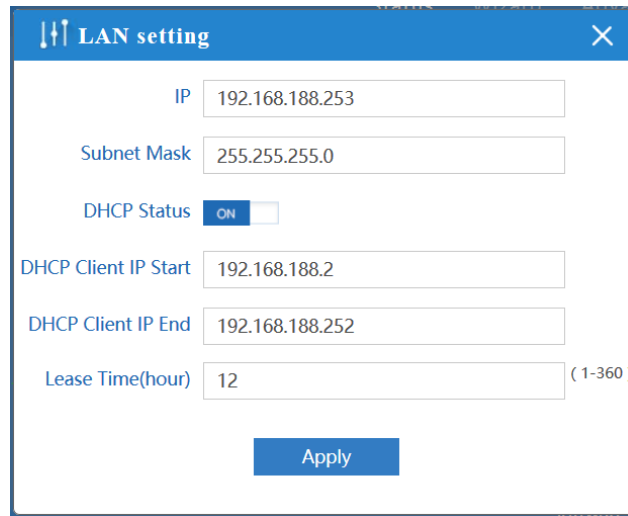
- Wireless Status:** A toggle switch set to 'ON'.
- SSID:** A text field containing 'EK_ITSPARTNER'.
- Broadcast SSID:** Radio buttons for 'Disable' and 'Enable', with 'Enable' selected.
- WMM:** Radio buttons for 'Disable' and 'Enable', with 'Enable' selected.
- Band Width:** A dropdown menu showing '20MHz'.
- Channel:** A dropdown menu showing '* 2.442 GHz (Channel 7)'.
- Encryption:** A dropdown menu showing 'WPA2PSK_TKIPAES'.
- Key:** A text field containing '123456789'.
- Apply:** A blue button at the bottom right.

- **Wireless Status:** ON / OFF.
- **SSID:** Name of the wireless.
- **Broadcast SSID:** Enable - Show SSID, Disable – Hide SSID,
- **WMM:** Enable or Disable WMM.
- **Band Width:** The width that Wireless will use 20MHz, 40MHz or 80MHz.
- **Channel:** The channel that Wireless will use.
- **Encryption:** Select the encryption wanted for the wireless SSID.
- **Key:** The password for the SSID

After filling the above value as we want, we can press “Apply” to save the changes for our Wireless.

LAN setting (Main Window 12)

Clicking in the Wireless section will open the fast configuration menu for Wireless



The image shows a 'LAN setting' window with a blue header and a close button. It contains several input fields and a toggle switch:

- IP:** 192.168.188.253
- Subnet Mask:** 255.255.255.0
- DHCP Status:** ON (toggle switch)
- DHCP Client IP Start:** 192.168.188.2
- DHCP Client IP End:** 192.168.188.252
- Lease Time(hour):** 12 (with a range of 1-360 in parentheses)
- Apply:** A blue button at the bottom.

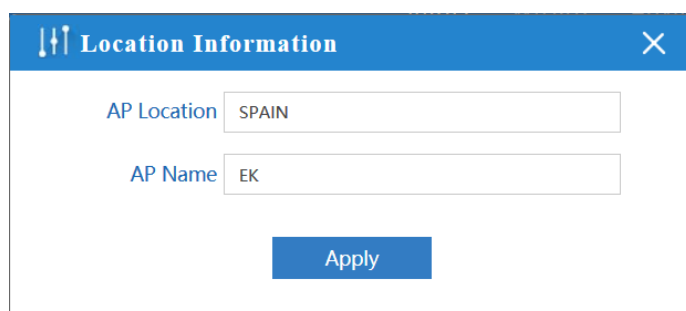
- **IP:** Set the IP for this device.
- **Subnet Mask:** Set the Subnet Mask for this device.
- **DHCP Status:** ON – To enable the DHCP, OFF – To disable the DHCP.
- **DHCP Client IP Start:** The starting IP for the DHCP range.
- **DHCP Client IP End:** The ending IP for the DHCP range.
- **Lease Time (hour):** The time to renew the IP for the connected devices.

After filling the above values as we want, we can press “Apply” to save the changes for our LAN settings.

Note: This window can change based on the **Operational Mode** our CPE 750-0 / 1200-0 is using.

Location Information (Main Window 13)

Clicking in the Location section will open the fast configuration menu for Location Information



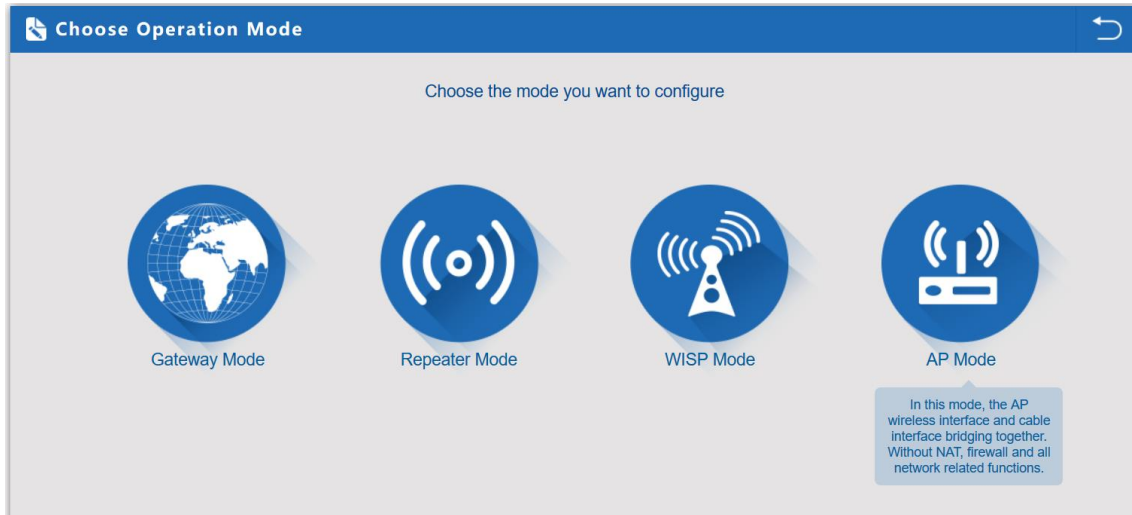
The image shows a configuration window titled "Location Information" with a blue header bar containing a double arrow icon and a close button. The window has two text input fields: "AP Location" with the value "SPAIN" and "AP Name" with the value "EK". Below these fields is a blue "Apply" button.

- **AP Location:** Set the AP Location, this is just information for the user to know.
- **AP Name:** Set the identification name for our AP.

After filling the above values as we want, we can press "Apply" to save the changes for our Location information settings.

Wizard

There are four-operation mode available. Putting the mouse over each mode will display a tip explaining the use of each mode.

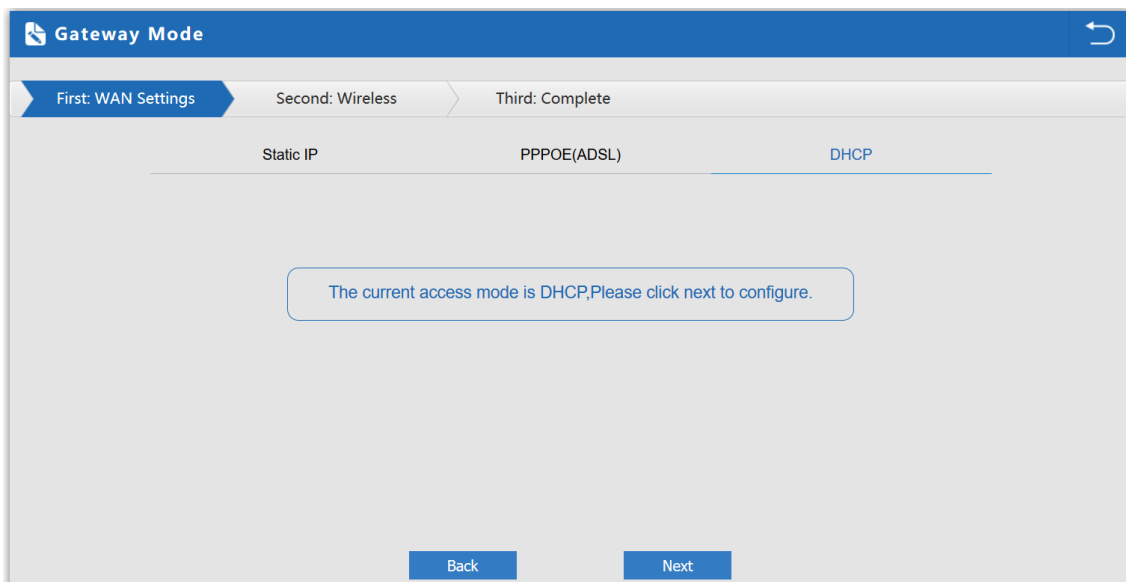


- **Gateway Mode:** Connect to the network through LAN cable and operate CPE 750-0 / 1200-0 as router.
- **Repeater Mode:** Connects to a SSID and broadcast a new SSID
- **WISP Mode:** Connect to the provider SSID and get the connection through LAN.
- **AP Mode:** Connect to the network through LAN cable and operate CPE 750 / 1200-0 as bridge mode (the device is transparent).

When you click in the desired operation mode, you will go to the wizard window for the selected mode. The wizard will guide you systematically to fully set it up.

Wizard: Gateway Mode

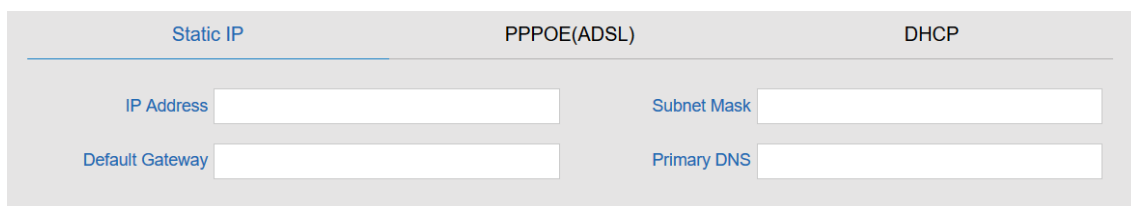
The Gateway Mode wizard will guide you through few step and few options to properly configuring the device.



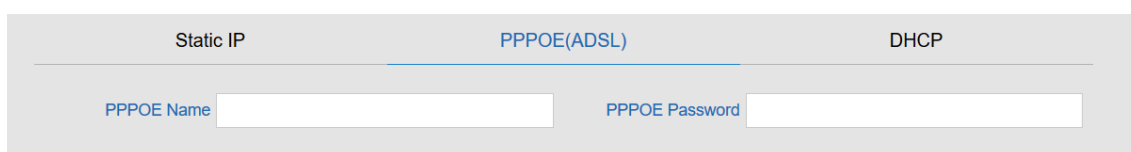
First Step

Select the WAN connection mode:

- **DHCP:** The WAN connection will get the IP value from a DHCP server
- **Static IP:** You can set the WAN IP manually; you will need to fill IP Address, Subnet Mask, Default Gateway and Primary DNS.

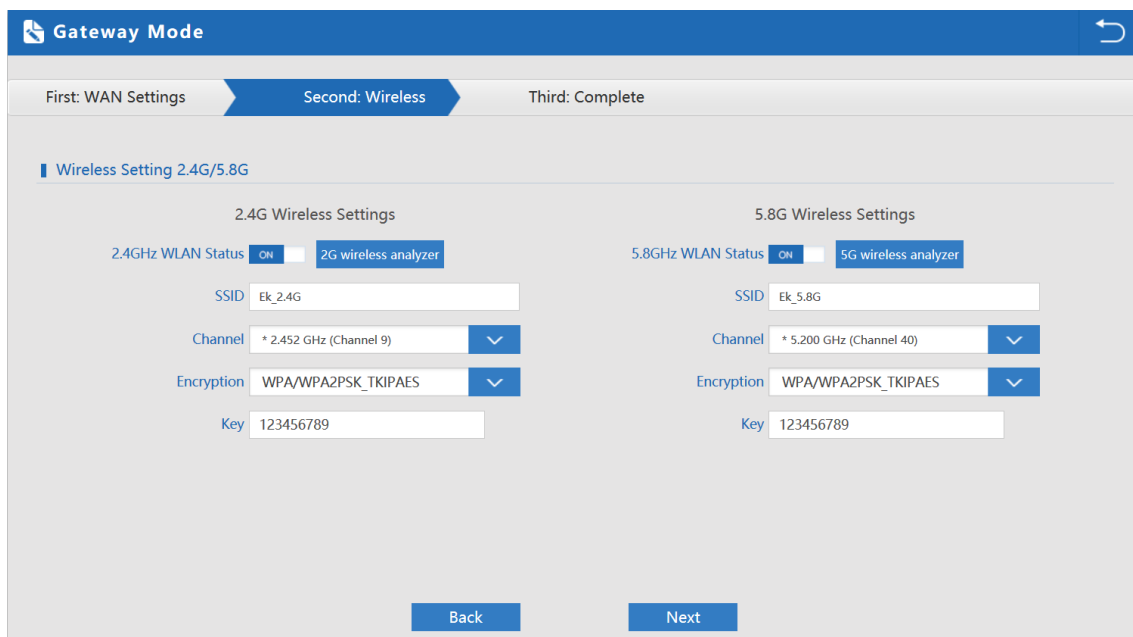


- **PPPoE:** You can also connect through PPPoE it will ask username and password.



When you are done, press Next to continue.

Second Step



Gateway Mode

First: WAN Settings **Second: Wireless** Third: Complete

Wireless Setting 2.4G/5.8G

2.4G Wireless Settings

2.4GHz WLAN Status ☒ ON **2G wireless analyzer**

SSID

Channel ▼

Encryption ▼

Key

5.8G Wireless Settings

5.8GHz WLAN Status ☒ ON **5G wireless analyzer**

SSID

Channel ▼

Encryption ▼

Key

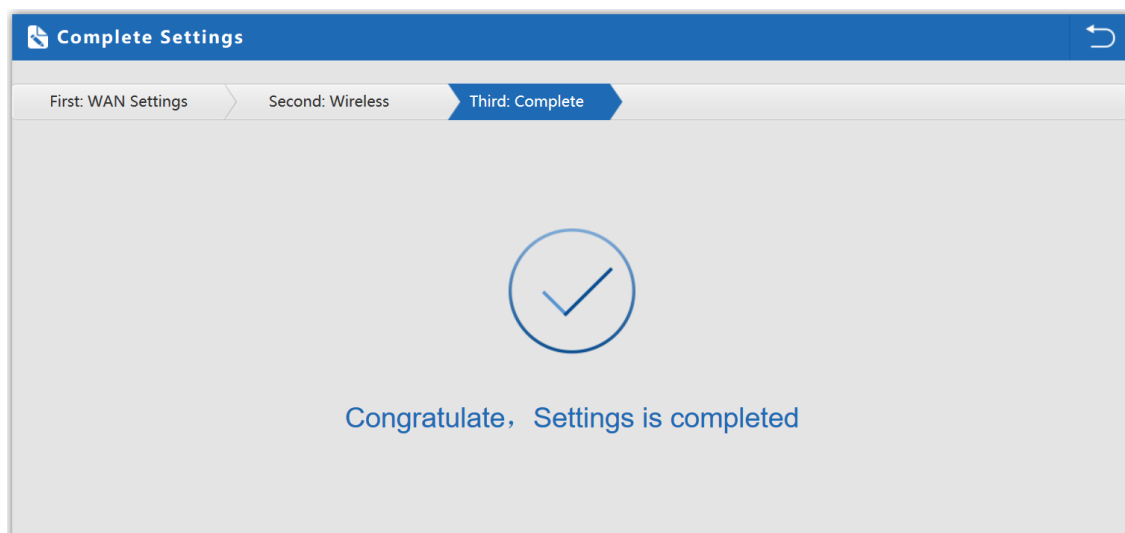
Back **Next**

Configure both Wireless settings for 2.4G and 5.8G

- **Wireless Status:** ON / OFF.
- **SSID:** Name of the wireless.
- **Channel:** The channel that Wireless.
- **Encryption:** Select the encryption wanted for the wireless SSID.
- **Key:** The password for the SSID

When you are done, press Next to continue. It will guide you to the third step.

Third Step



Complete Settings

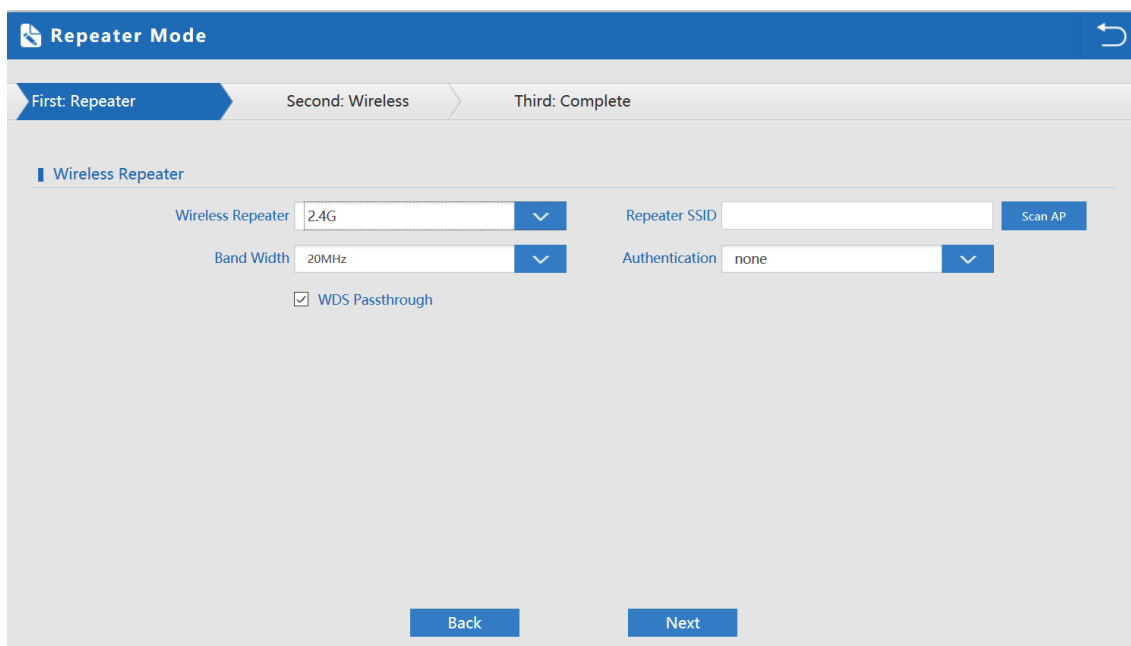
First: WAN Settings Second: Wireless **Third: Complete**



Congratulate, Settings is completed

Wizard: Repeater Mode

The Gateway Mode wizard will guide you through few step and few options to properly configuring the device.



The screenshot shows the 'Repeater Mode' wizard interface. It has a progress bar at the top with three steps: 'First: Repeater' (active), 'Second: Wireless', and 'Third: Complete'. Below the progress bar, the 'Wireless Repeater' section contains the following fields:

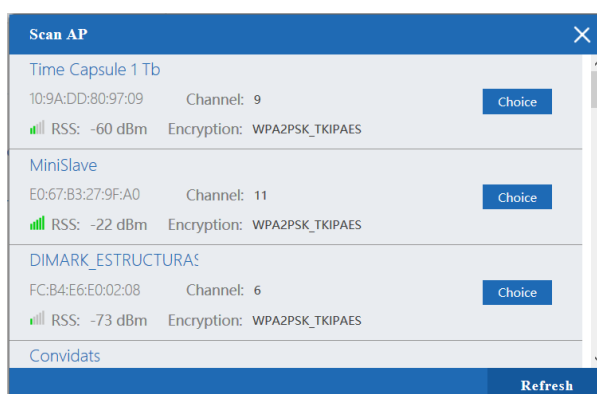
- Wireless Repeater:** A dropdown menu set to '2.4G'.
- Band Width:** A dropdown menu set to '20MHz'.
- Repeater SSID:** An empty text input field.
- Authentication:** A dropdown menu set to 'none'.
- WDS Passthrough:** A checked checkbox.
- Scan AP:** A blue button to the right of the Repeater SSID field.

At the bottom of the form, there are two buttons: 'Back' and 'Next'.

First Step

Select which band we will be using as repeater 2.4G or 5.8G

Select the SSID that we want to connect to by pressing Scan AP button. It will load a list of all the SSID in range.



The screenshot shows the 'Scan AP' window, which is a modal dialog box. It contains a list of detected wireless networks. Each entry includes the network name, MAC address, channel, RSSI, and encryption type. A 'Choice' button is next to each entry. At the bottom right, there is a 'Refresh' button.

Network Name	MAC Address	Channel	RSSI	Encryption
Time Capsule 1 Tb	10:9A:DD:80:97:09	9	-60 dBm	WPA2PSK_TKIPAES
MiniSlave	E0:67:B3:27:9F:A0	11	-22 dBm	WPA2PSK_TKIPAES
DIMARK_STRUCTUREAS	FC:B4:E6:E0:02:08	6	-73 dBm	WPA2PSK_TKIPAES

Select the desired SSID using the button Choice. It will load the values on the Wireless Repeater form.

- **Repeater SSID:** The name of the SSID selected.

- **Authentication:** Encryption of the SSID selected.
- **Key:** Input the SSID key for the SSID selected.
- **Band Width:** The bandwidth of the SSID selected.

When you are done, press Next to continue. It will guide you to the second step.

Second step

Select the WAN connection mode:

- **DHCP:** The WAN connection will get the IP value from a DHCP server
- **Static IP:** You can set the WAN IP manually; you will need to fill IP Address, Subnet Mask, Default Gateway and Primary DNS.

Static IP	PPPOE(ADSL)	DHCP
IP Address	Subnet Mask	
Default Gateway	Primary DNS	

- **PPPoE:** You can also connect through PPPoE it will ask username and password.

Static IP	PPPOE(ADSL)	DHCP
PPPOE Name	PPPOE Password	

When you are done, press Next to continue.

Third Step


Complete Settings

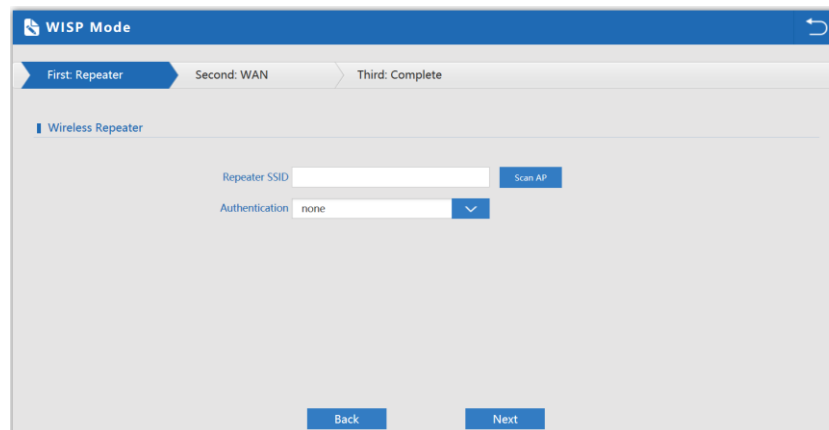

First: WAN Settings > Second: Wireless > **Third: Complete**



Congratulate. Settings is completed

Wizard: WISP Mode

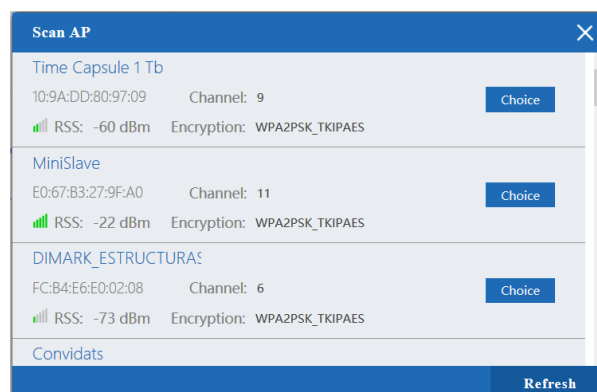
The WISP Mode wizard will guide you through few step and few options to properly configuring the device.



The screenshot shows the 'WISP Mode' wizard interface. At the top, there are three steps: 'First: Repeater', 'Second: WAN', and 'Third: Complete'. The 'First: Repeater' step is active. Below it, there is a section titled 'Wireless Repeater'. It contains two input fields: 'Repeater SSID' and 'Authentication'. The 'Authentication' field is currently set to 'none'. To the right of the 'Repeater SSID' field is a 'Scan AP' button. At the bottom of the form, there are 'Back' and 'Next' buttons.

First Step

Select the SSID that we want to connect to by pressing Scan AP button. It will load a list of all the SSID in range.



The screenshot shows the 'Scan AP' window. It lists three available APs with their details and a 'Choice' button for each:

AP Name	MAC Address	Channel	RSS	Encryption	Action
Time Capsule 1 Tb	10:9A:DD:80:97:09	9	-60 dBm	WPA2PSK_TKIPAES	Choice
MiniSlave	E0:67:B3:27:9F:A0	11	-22 dBm	WPA2PSK_TKIPAES	Choice
DIMARK_ESTRUCTURA	FC:B4:E6:E0:02:08	6	-73 dBm	WPA2PSK_TKIPAES	Choice

At the bottom of the window, there is a 'Refresh' button.

Select the desired SSID using the button Choice. It will load the values on the Wireless Repeater form.

- **Repeater SSID:** The name of the SSID selected.
- **Authentication:** Encryption of the SSID selected.
- **Key:** Input the SSID key for the SSID selected.

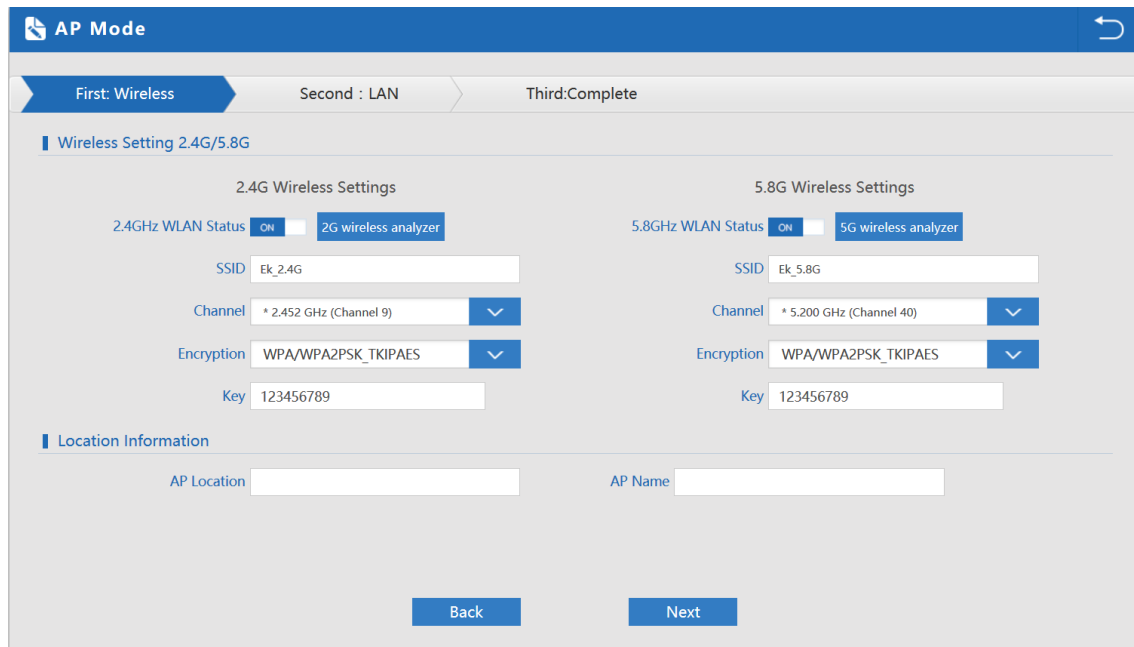
When you are done, press Next to continue. It will guide you to the second step.

Second step

Once the first step is completed on this mode the SSID is disabled thus the window screen will not appear if we are connected through Wi-Fi.

Wizard: AP Mode

The AP Mode wizard will guide you through few step and few options to properly configuring the device.



AP Mode

First: Wireless Second : LAN Third:Complete

Wireless Setting 2.4G/5.8G

2.4G Wireless Settings

2.4GHz WLAN Status: ☒ ON ☐ OFF **2G wireless analyzer**

SSID:

Channel: ▼

Encryption: ▼

Key:

5.8G Wireless Settings

5.8GHz WLAN Status: ☒ ON ☐ OFF **5G wireless analyzer**

SSID:

Channel: ▼

Encryption: ▼

Key:

Location Information

AP Location:

AP Name:

Back **Next**

First step

Set the values for the wanted SSID for 2.4G and 5.8G

- **Wireless Status:** ON / OFF.
- **SSID:** Name of the wireless.
- **Channel:** The channel that Wireless will use from 1 to 13.
- **Encryption:** Select the encryption wanted for the wireless SSID.
- **Key:** The password for the SSID

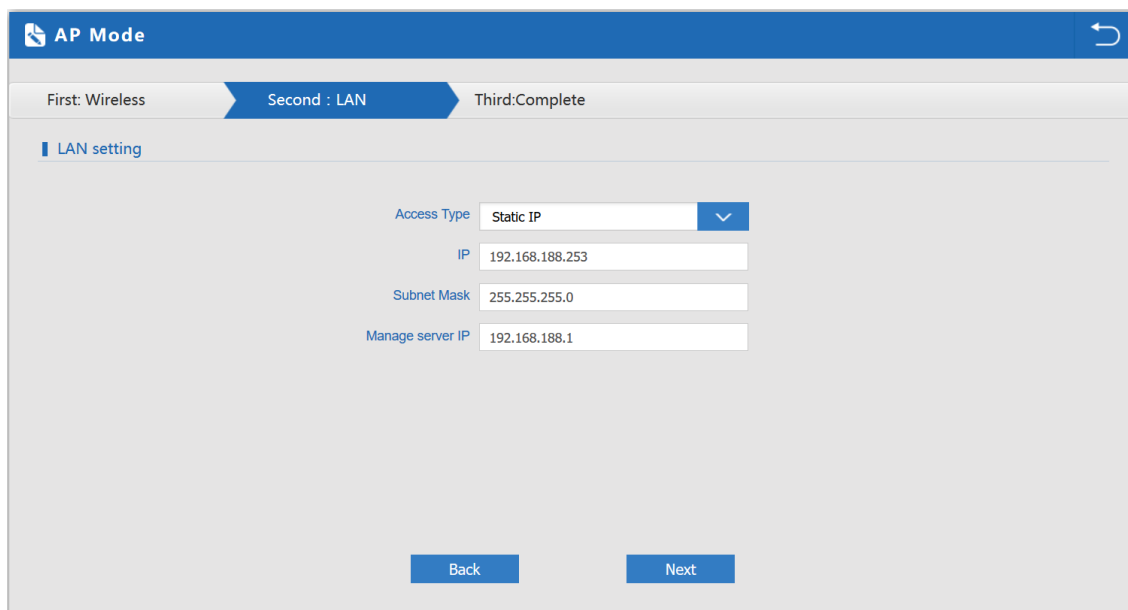
Set the location information values

- **AP Location:** Set the AP Location, this is just information for the user to know.
- **AP Name:** Set the identification name for our AP.

When you are done, press Next to continue. It will guide you to the second step.

Second step

Specify how the CPE 750-0 / 1200-0 is connected to your network.

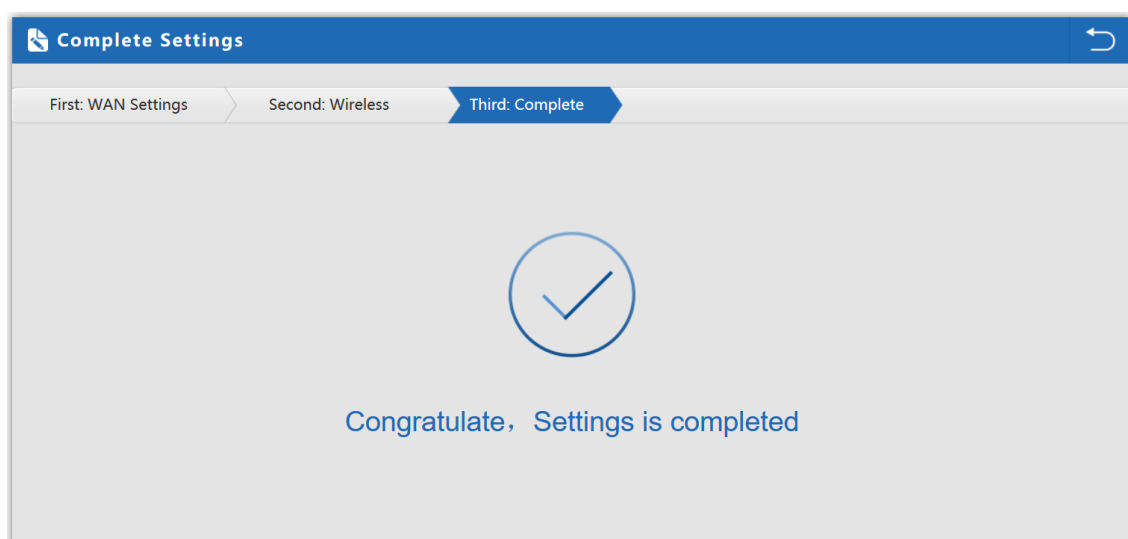


The screenshot shows the 'AP Mode' configuration interface. At the top, there is a progress bar with three steps: 'First: Wireless', 'Second : LAN' (which is the active step), and 'Third: Complete'. Below the progress bar, the 'LAN setting' section is visible. It contains four input fields: 'Access Type' (set to 'Static IP'), 'IP' (set to '192.168.188.253'), 'Subnet Mask' (set to '255.255.255.0'), and 'Manage server IP' (set to '192.168.188.1'). At the bottom of the form, there are two buttons: 'Back' and 'Next'.

You can select either DHCP or Static IP

- **IP:** Set the IP for this device.
- **Subnet Mask:** Set the Subnet Mask for this device.
- **Manage server IP:** Set the network gateway for the device.

Third Step

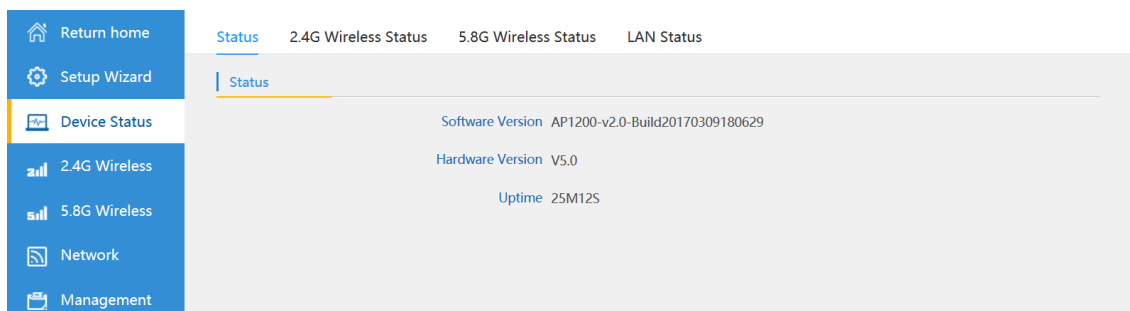


The screenshot shows the 'Complete Settings' confirmation screen. At the top, there is a progress bar with three steps: 'First: WAN Settings', 'Second: Wireless', and 'Third: Complete' (which is the active step). In the center of the screen, there is a large blue checkmark icon inside a circle. Below the icon, the text 'Congratulate, Settings is completed' is displayed.

Advanced settings

Device Status

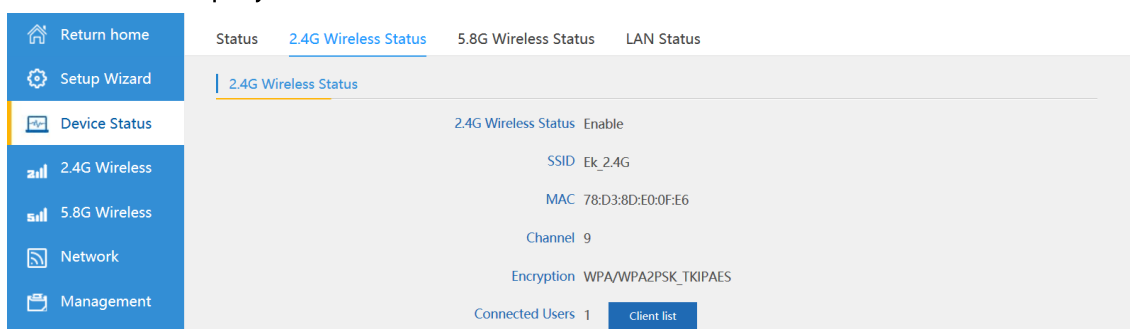
- **Status:** This tab displays the information regarding Software Version, Hardware Version and the time that the device is online.



The screenshot shows the 'Device Status' page with the 'Status' tab selected. The left sidebar contains navigation options: Return home, Setup Wizard, Device Status (highlighted), 2.4G Wireless, 5.8G Wireless, Network, and Management. The main content area displays the following information:

- Software Version:** AP1200-v2.0-Build20170309180629
- Hardware Version:** V5.0
- Uptime:** 25M12S

- **2.4G Wireless Status:** Shows the current configuration for the Wireless, it also displays the connected users. It's the same for 5.8G.



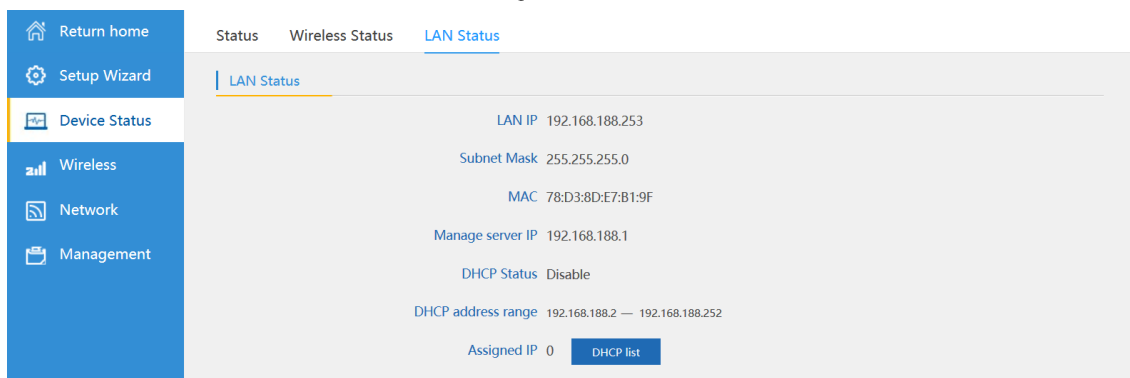
The screenshot shows the 'Device Status' page with the '2.4G Wireless Status' tab selected. The left sidebar is the same as the previous screenshot. The main content area displays the following information:

- 2.4G Wireless Status:** Enable
- SSID:** Ek_2.4G
- MAC:** 78:D3:8D:E0:0F:E6
- Channel:** 9
- Encryption:** WPA/WPA2PSK_TKIPAES
- Connected Users:** 1
- Client list:** A button to view the list of connected clients.

Client list button will show a pop up window showing the connected clients.

Client List		
MAC	Connection time	Signal Strength
34:E6:AD:45:3A:53	1H4M11S	-50 dBm

- **LAN Status:** Displays the current configuration for the LAN interface of the device. It also shows the configuration for the DHCP.



The screenshot shows the 'Device Status' page with the 'LAN Status' tab selected. The left sidebar contains navigation options: Return home, Setup Wizard, Device Status (highlighted), Wireless, Network, and Management. The main content area displays the following information:

- LAN IP:** 192.168.188.253
- Subnet Mask:** 255.255.255.0
- MAC:** 78:D3:8D:E7:B1:9F
- Manage server IP:** 192.168.188.1
- DHCP Status:** Disable
- DHCP address range:** 192.168.188.2 — 192.168.188.252
- Assigned IP:** 0
- DHCP list:** A button to view the list of DHCP clients.

Wireless 2.4G and 5.8G

NOTE: The pictures below are for 2.4G Wireless. The options for 5.8G are the same as for 2.4G.

Basic Settings

This tab is used to configure all the Wireless basic settings.

Return home

Setup Wizard

Device Status

2.4G Wireless

5.8G Wireless

Network

Management

2.4G Basic Settings

2.4G Virtual AP

2.4G Access Control

2.4G Advanced Settings

Wireless Basic Settings

Wireless Status

ON2G wireless analyzer

SSID

Ek_2.4G

Broadcast SSID

☐ Disable☒ Enable

WMM

☐ Disable☒ Enable

Channel

Band Width

20MHz

Channel

* 2.452 GHz (Channel 9)

Authentication

Encryption

WPA/WPA2/PSK_TKIP/AES

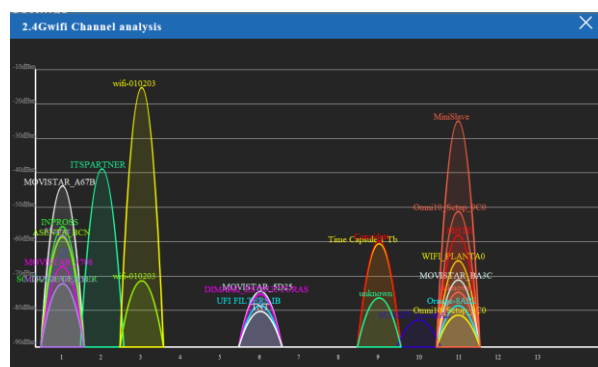
Key

123456789

Apply

- **Wireless Status:** ON / OFF.
- **SSID:** Name of the wireless.
- **Broadcast SSID:** Enable - Show SSID, Disable – Hide SSID,
- **WMM:** Enable or Disable WMM.
- **Band Width:** The width that Wireless will use 20MHz, 40MHz or 80MHz.
- **Channel:** The channel that Wireless will use.
- **Encryption:** Select the encryption wanted for the wireless SSID.
- **Key:** The password for the SSID.

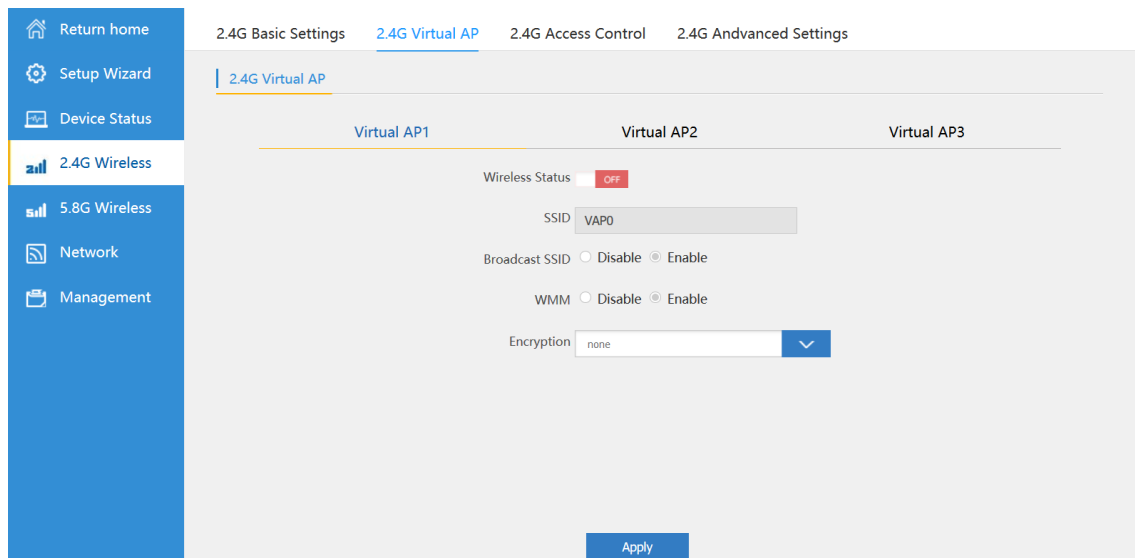
Wireless Analyzer will show open a window displaying all the SSID with its channel so you can properly select a channel for your SSID.



Press apply to save the changes.

Virtual AP

In this tab we can create up to 3 more SSID, each Virtual AP 1 is a new SSID.



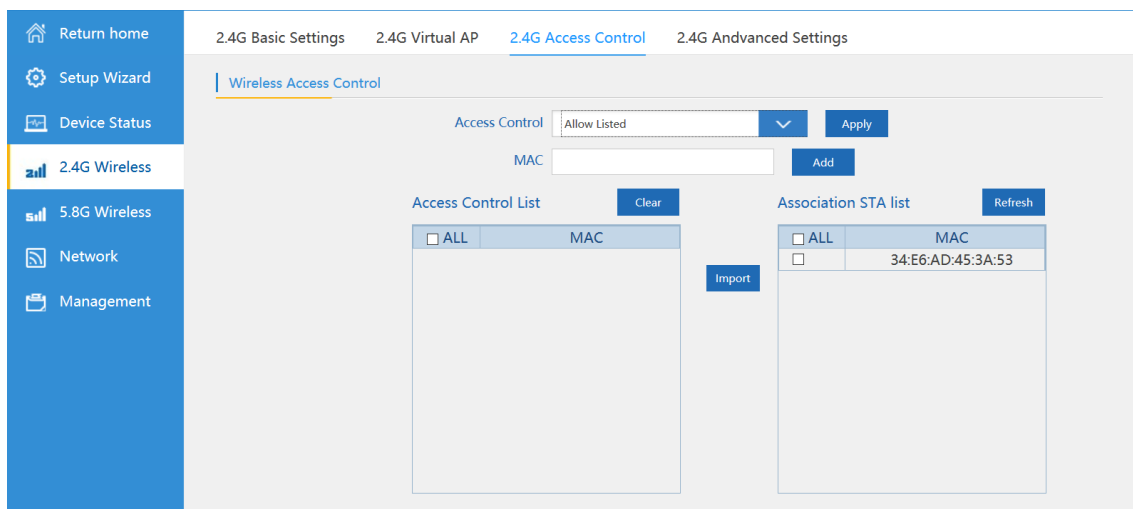
The screenshot shows the '2.4G Virtual AP' configuration page. On the left is a blue sidebar with navigation links: 'Return home', 'Setup Wizard', 'Device Status', '2.4G Wireless' (highlighted), '5.8G Wireless', 'Network', and 'Management'. The top navigation bar includes '2.4G Basic Settings', '2.4G Virtual AP' (active), '2.4G Access Control', and '2.4G Advanced Settings'. The main content area is titled '2.4G Virtual AP' and features three tabs: 'Virtual AP1' (selected), 'Virtual AP2', and 'Virtual AP3'. Under 'Virtual AP1', the settings are: 'Wireless Status' (OFF), 'SSID' (VAP0), 'Broadcast SSID' (radio buttons for Disable and Enable, with Enable selected), 'WMM' (radio buttons for Disable and Enable, with Enable selected), and 'Encryption' (a dropdown menu showing 'none'). An 'Apply' button is located at the bottom right of the configuration area.

Press apply to save the changes.

Access Control

The access control limits the devices that can connect to CPE 750-0 / 1200-0. We can set the access control to:

- **MAC Access All:** In this mode all the devices can connect to the CPE.
- **Allow Listed:** In this mode the all the MAC address on the Access Control List can access the CPE.
- **Deny Listed:** In this mode all the MAC address on the Access Control List cannot access the CPE.



The screenshot shows the 'Wireless Access Control' configuration page. On the left is a sidebar with navigation links: Return home, Setup Wizard, Device Status, 2.4G Wireless (selected), 5.8G Wireless, Network, and Management. The main content area has tabs for 2.4G Basic Settings, 2.4G Virtual AP, 2.4G Access Control (selected), and 2.4G Advanced Settings. Under 'Wireless Access Control', there is a dropdown menu for 'Access Control' set to 'Allow Listed' with an 'Apply' button. Below this is a 'MAC' input field with an 'Add' button. There are two tables: 'Access Control List' with a 'Clear' button and an 'Import' button, and 'Association STA list' with a 'Refresh' button. The 'Association STA list' table contains one entry with MAC address 34:E6:AD:45:3A:53.

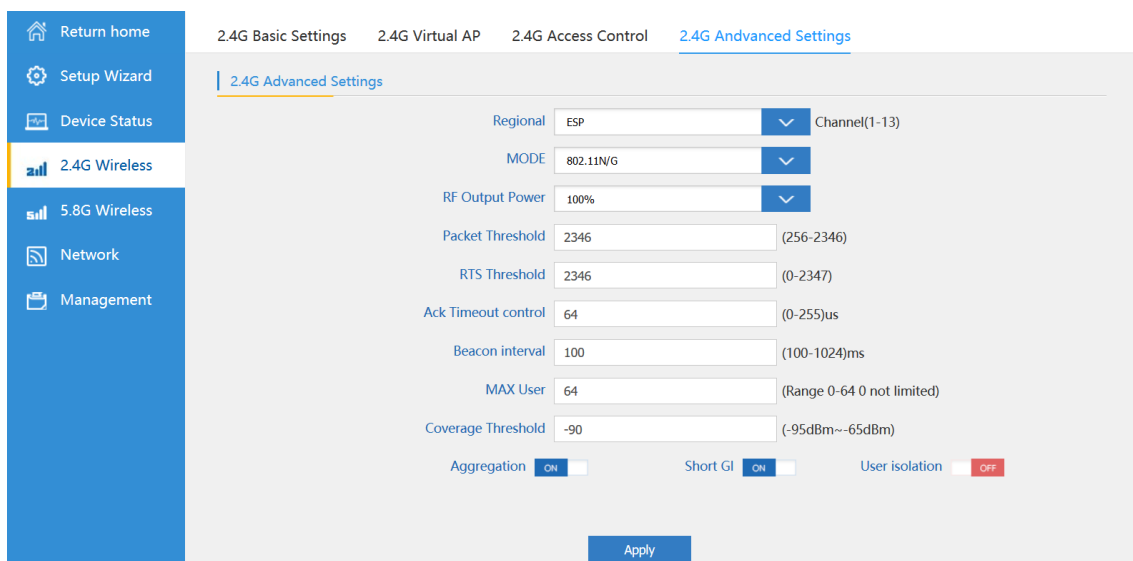
- **Association STA list:** In this list will appear the already connected MAC to the device. You can select them and press import to move them to the Access Control List.

How to add MAC to the list:

1. Pick Allow Listed or Deny Listed
2. Input the MAC
3. Press Add
4. The added MAC will go to the Access Control List
5. Press Apply

Advanced Settings

This tab is used to configure all the Wireless advanced settings.



The screenshot displays the '2.4G Advanced Settings' page. The left sidebar contains navigation links: Return home, Setup Wizard, Device Status, 2.4G Wireless (selected), 5.8G Wireless, Network, and Management. The main content area shows the following settings:

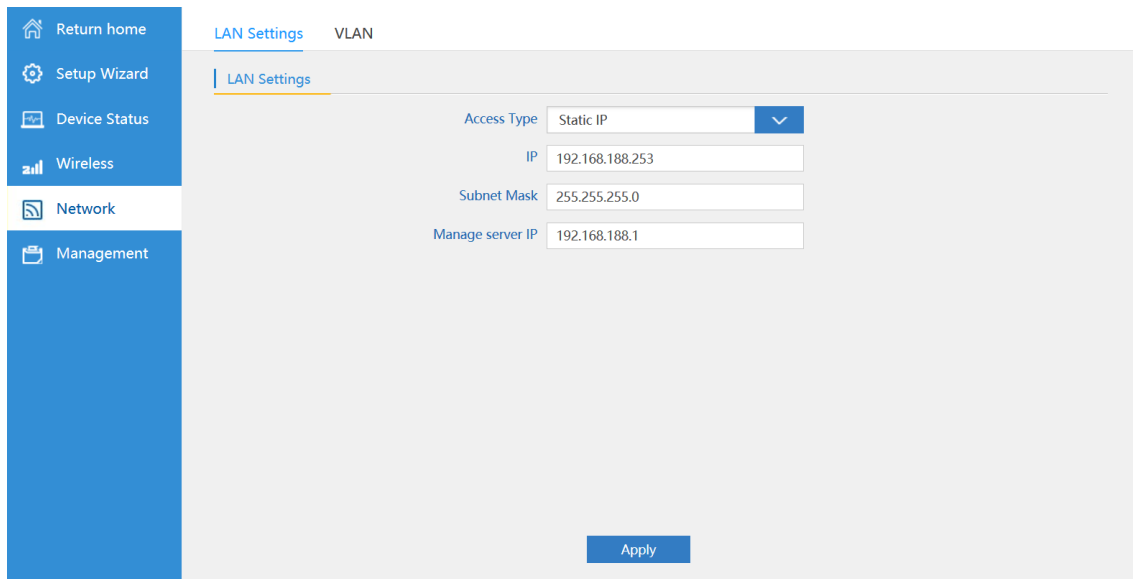
- Regional:** ESP (dropdown menu)
- MODE:** 802.11N/G (dropdown menu)
- RF Output Power:** 100% (dropdown menu)
- Packet Threshold:** 2346 (range: 256-2346)
- RTS Threshold:** 2346 (range: 0-2347)
- Ack Timeout control:** 64 (range: 0-255us)
- Beacon interval:** 100 (range: 100-1024ms)
- MAX User:** 64 (range: 0-64 0 not limited)
- Coverage Threshold:** -90 (range: -95dBm~-65dBm)
- Aggregation:** ON (checkbox)
- Short GI:** ON (checkbox)
- User isolation:** OFF (checkbox)

An 'Apply' button is located at the bottom right of the settings area.

- **Regional:** Select the region
- **MODE:** Select the standard for the Wireless N/AC
- **RF Output Power:** Control the wireless output power. This affects the coverage range.
- **RTS Threshold:** Lower this value if you have problems with electromagnetic interface or overload of traffic on a network.
- **Ack Timeout control:** Interval for the ACK, the devices is waiting to get the ACK response from the device. Too long time might reduce a bit the bandwidth.
- **Beacon interval:** The time interval for the beacon. The beacon time is a packet sent to the client device to notify if the device is on. Reducing this time will sent more packets making the net a bit slower. Too high value will make the device disconnect more often.
- **MAX User:** Set the max client numbers that can connect to the device
- **Coverage Threshold:**
- **Aggregation:** Allows a higher throughput
- **Short GI:** Help improve the throughput, use it only for N mode if used mixed mode please disable.
- **User isolation:** ON: The users cannot see each other in the network

Network

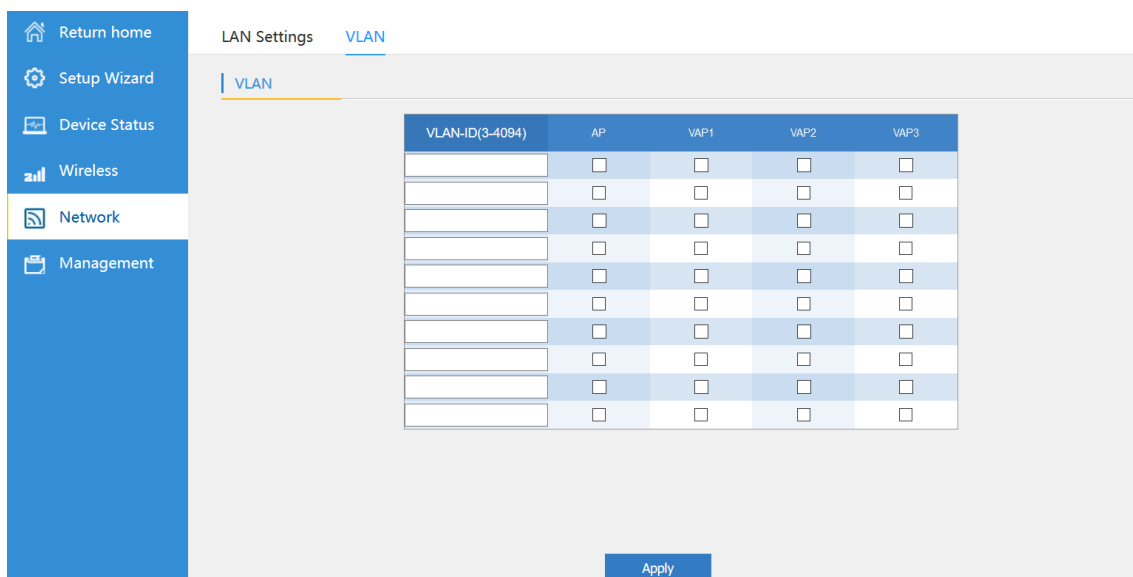
LAN Settings



- **Access Type:** Use DHCP to get automatically IP, Subnet Mask and Manage server IP or use Static IP to manually set the values.
- **IP:** Set the IP for this device.
- **Subnet Mask:** Set the Subnet Mask for this device.
- **Manage server IP (gateway):** Set the gateway IP

VLAN

Each SSID can be set to the wanted VLAN.



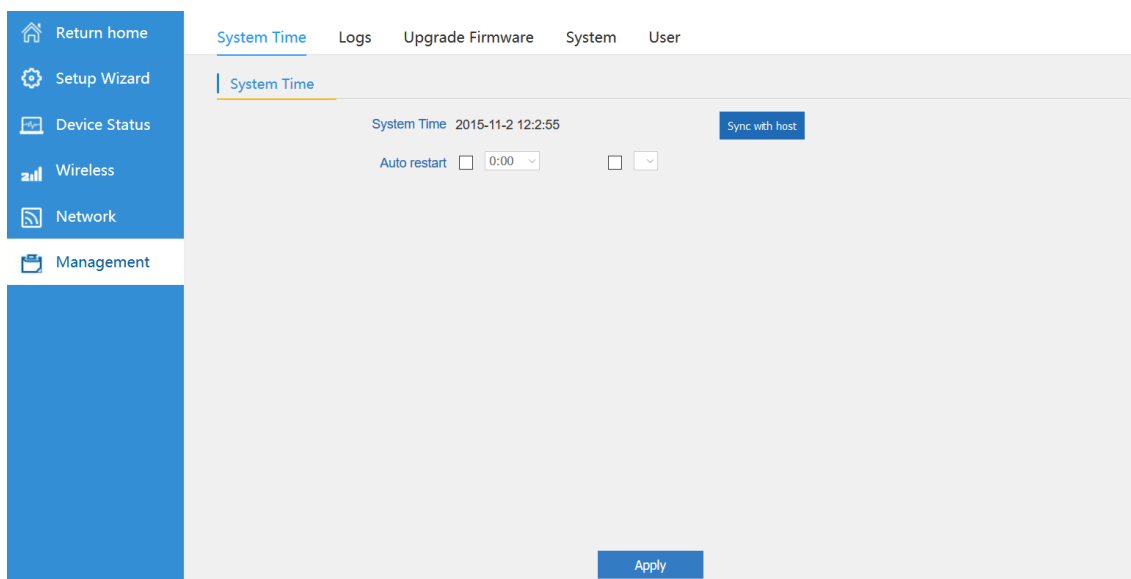
VLAN-ID(3-4094)	AP	VAP1	VAP2	VAP3
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Management

System Time

Manage the device timezone.

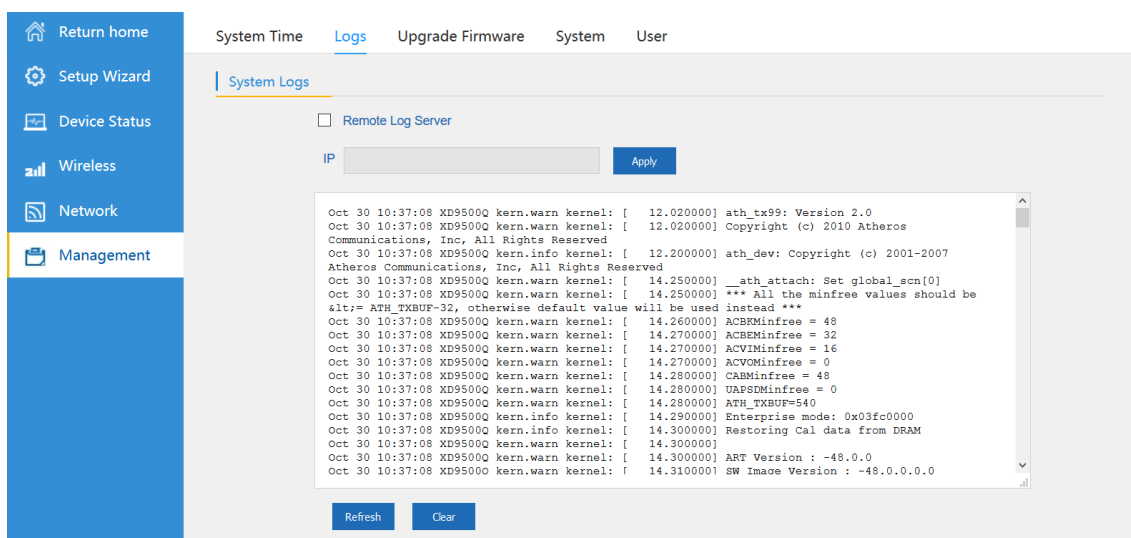
Auto restart function enables the device to be rebooted at the setup time.



The screenshot shows the 'System Time' tab in the management interface. The left sidebar contains navigation links: Return home, Setup Wizard, Device Status, Wireless, Network, and Management. The main content area has tabs for System Time, Logs, Upgrade Firmware, System, and User. The 'System Time' tab is active, displaying the current system time as '2015-11-2 12:2:55'. There is a 'Sync with host' button. Below this, there is an 'Auto restart' section with a checkbox and a dropdown menu set to '0:00'. An 'Apply' button is at the bottom right.

Logs

This tab will display all the logs related to the device.



The screenshot shows the 'Logs' tab in the management interface. The left sidebar is the same as the previous screenshot. The main content area has tabs for System Time, Logs, Upgrade Firmware, System, and User. The 'Logs' tab is active, displaying 'System Logs'. There is a checkbox for 'Remote Log Server' and an 'IP' input field with an 'Apply' button. Below this is a scrollable log viewer showing kernel logs. At the bottom, there are 'Refresh' and 'Clear' buttons.

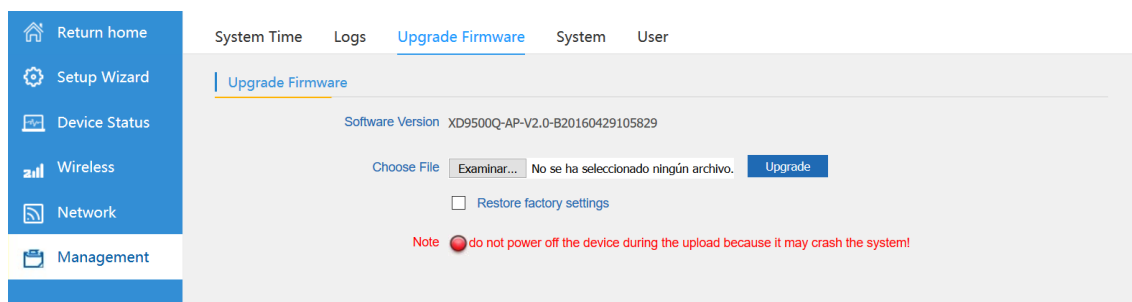
```
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 12.020000] ath_tx99: Version 2.0
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 12.020000] Copyright (c) 2010 Atheros
Communications, Inc, All Rights Reserved
Oct 30 10:37:08 XD9500Q kern.info kernel: [ 12.200000] ath_dev: Copyright (c) 2001-2007
Atheros Communications, Inc, All Rights Reserved
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.250000] __ath_attach: Set global_scn[0]
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.250000] *** All the minfree values should be
<lt;= ATH_TXBUF=32, otherwise default value will be used instead ***
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.260000] ACBMinfree = 48
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.270000] ACBEMinfree = 32
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.270000] ACVIMinfree = 16
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.270000] ACVOMinfree = 0
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.280000] CABMinfree = 48
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.280000] UAPGMinfree = 0
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.280000] ATH_TXBUF=540
Oct 30 10:37:08 XD9500Q kern.info kernel: [ 14.290000] Enterprise mode: 0x03fc0000
Oct 30 10:37:08 XD9500Q kern.info kernel: [ 14.300000] Restoring Cal data from DRAM
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.300000]
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.300000] ART Version : -48.0.0
Oct 30 10:37:08 XD9500Q kern.warn kernel: [ 14.310000] SW Image Version : -48.0.0.0.0
```

- **Remote Log Server:** Enable to register the logs to a remote server.
- **IP:** Set the IP where the logs will be saved.

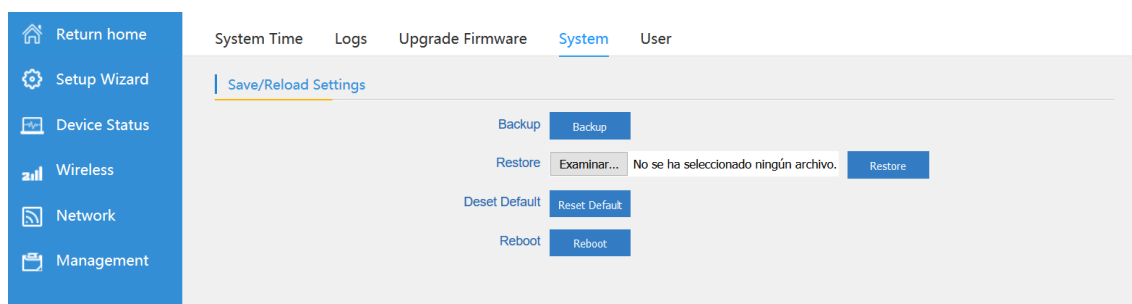
Upgrade firmware

Select the new firmware version file and press “Upgrade” to upgrade the device firmware.

If selected restore factory setting the device will upgrade the firmware and also put the device back to factory default.



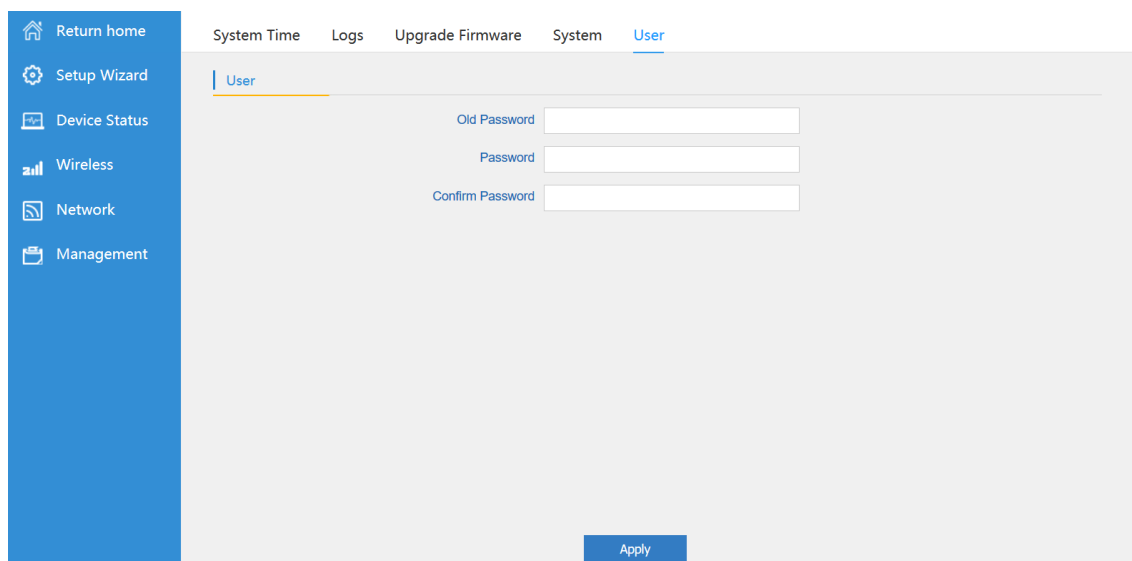
System



- **Backup:** Will save to disk the device configuration.
- **Restore:** Select the saved configuration to be imported on the device.
- **Reset Default:** Restore all the device values to default.
- **Reboot:** Reboot the device.

User

Change the default admin password for the device.



The screenshot shows the web interface of an Ek device. On the left is a blue sidebar with navigation links: Return home, Setup Wizard, Device Status, Wireless, Network, and Management. The top navigation bar includes System Time, Logs, Upgrade Firmware, System, and User (which is highlighted). Below the User link, there is a sub-header 'User' and three input fields labeled 'Old Password', 'Password', and 'Confirm Password'. An 'Apply' button is located at the bottom right of the form area.

Ekselans by ITS is a registered trademark of
ITS Partner (O.B.S.) S.L.
Av. Corts Catalanes 9-11
08173 Sant Cugat del Vallès (Barcelona)
www.ekselansbyits.com

