

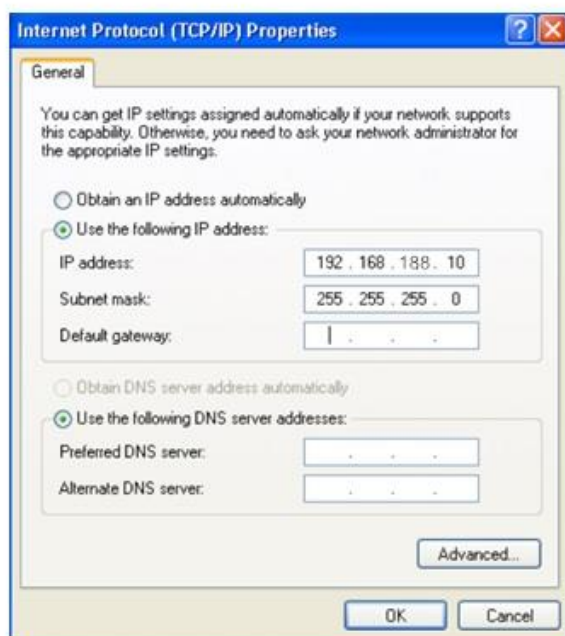
Инструкция по настройке

QWO-950-CPE

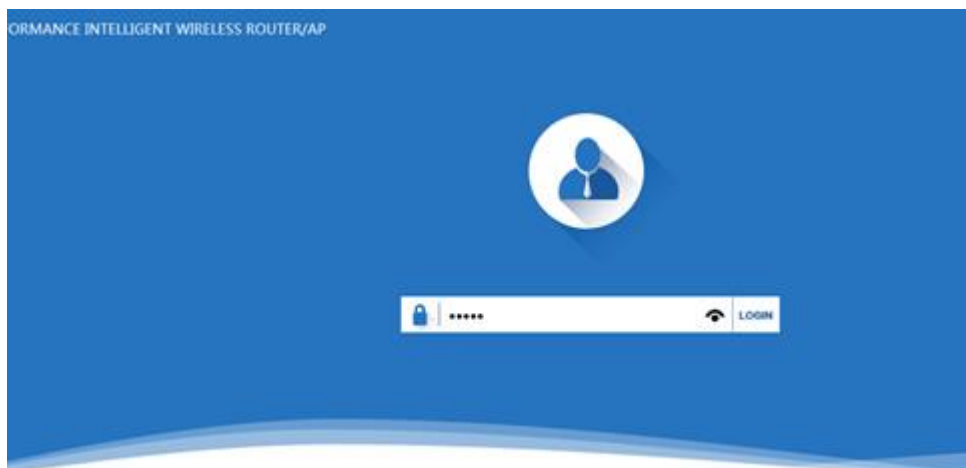




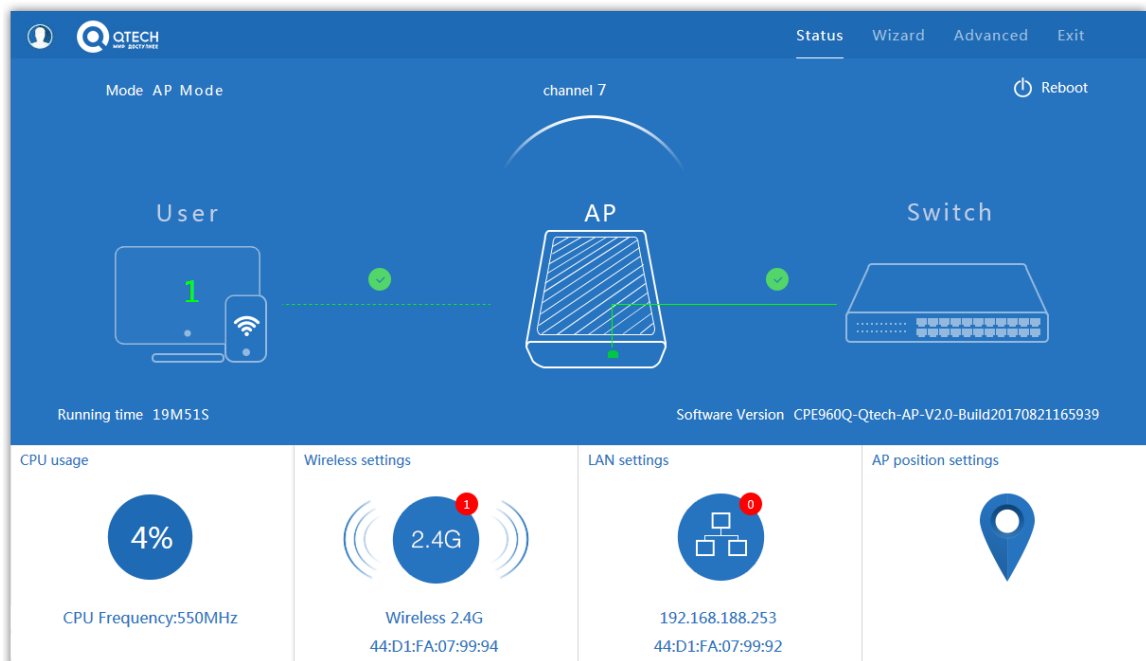
Перед настройкой подключить AP кабелем к порту блока PoE, компьютер подключить к порту LAN блока PoE. Настроить сетевой IP адрес компьютера:



В адресной строке IE браузера прописываем адрес AP 192.168.188.253 в окне авторизации вводим login : Admin, Passwords: admin



После входа в систему вы можете увидеть текущее состояние AP: текущий режим работы, состояние WLAN, версию прошивки.

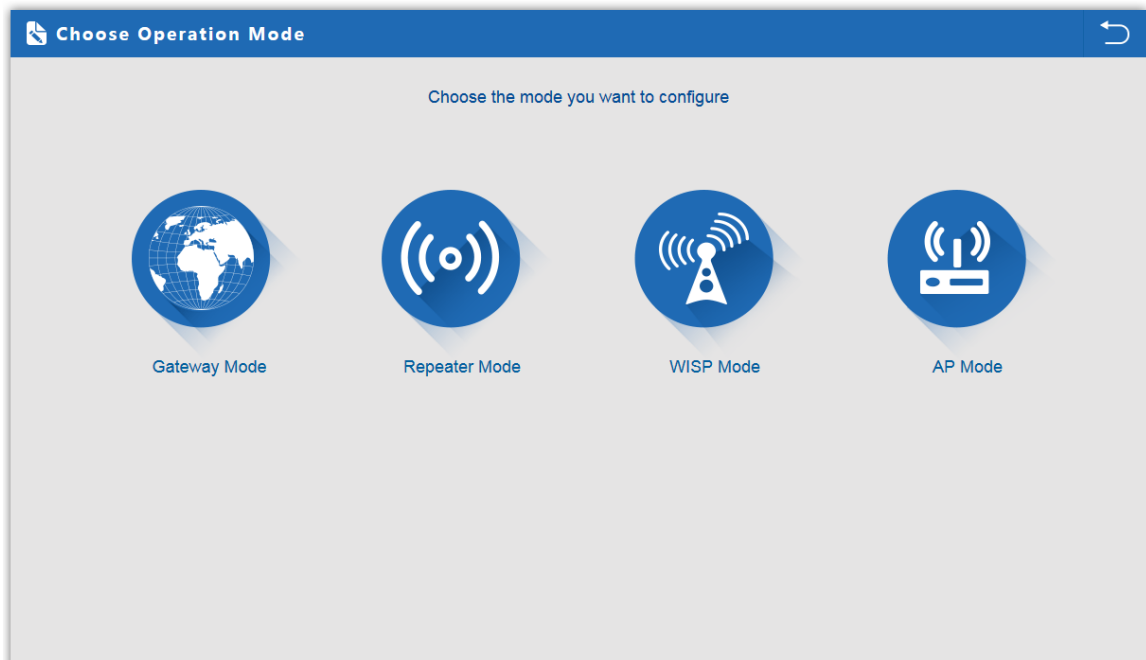


Быстрая настройка

Wizard

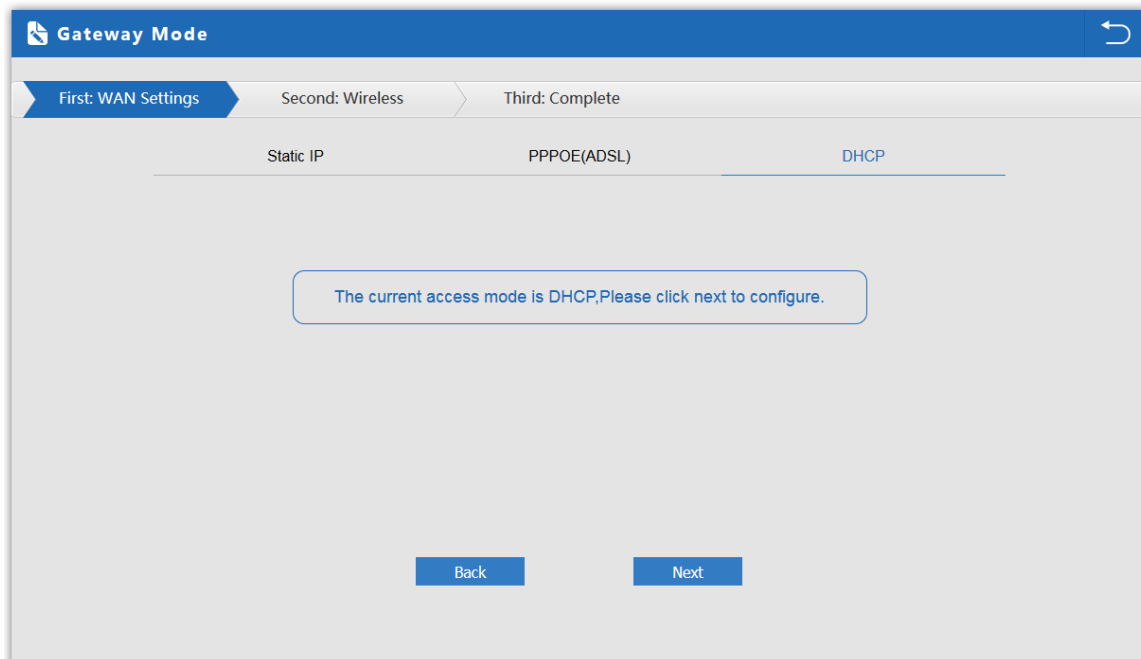
Choose Operation Mode

Выбор режимов работы AP



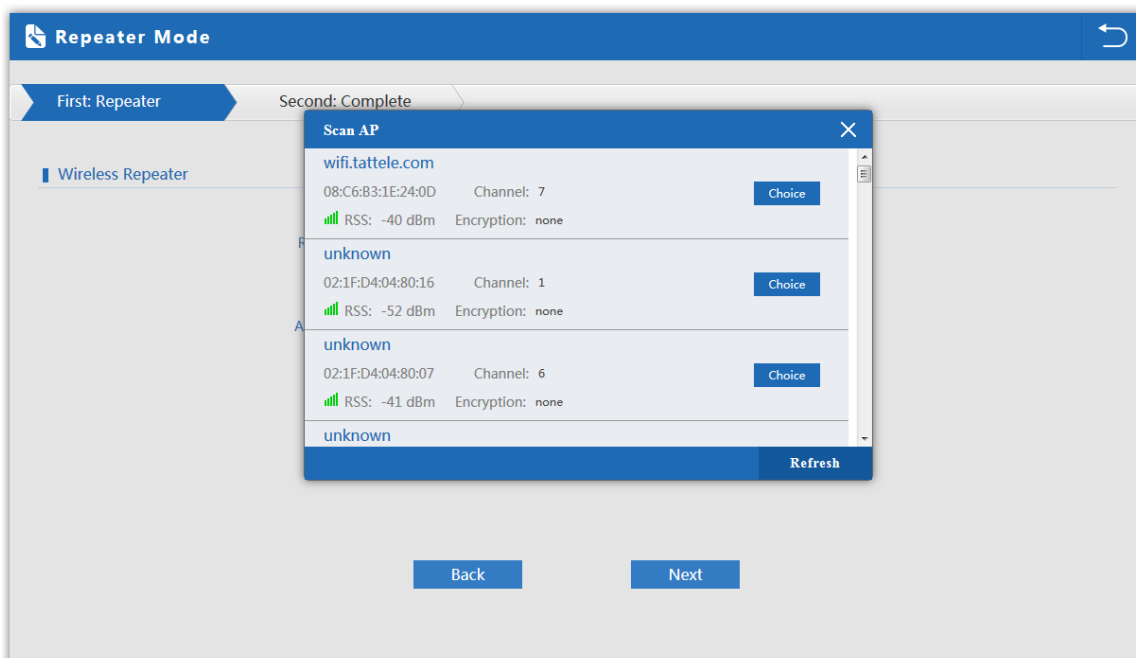
Gateway Mode

Режим подключения к WAN



Repeater Mode

Режим Repeater: точка подключается к AP беспроводным мостом транслируя в прозрачном режиме настройки AP увеличивая зону покрытия.



Нажмите кнопку Scan AP выберите нужную точку доступа настройте шифрование ключ ширину полосы

The screenshot shows the 'Repeater Mode' configuration screen. At the top, there are two progress indicators: 'First: Repeater' (active) and 'Second: Complete'. Below this, the 'Wireless Repeater' section contains the following fields and controls:

- Repeater SSID: [Text input field]
- lockmac:
- Authentication: WPA/WPA2PSK_TKIPAES (dropdown menu)
- Key: 666666666666 (text input field)
- Band Width: 20MHz (dropdown menu)
- WDS Passthrough

At the bottom of the configuration area, there are 'Back' and 'Next' buttons. A 'Scan AP' button is located to the right of the Repeater SSID field.

WISP Mode

Режим WISP используется для подключения к беспроводной точке провайдера по радио для выхода в WAN интернет

The screenshot shows the 'WISP Mode' configuration screen. At the top, there are three progress indicators: 'First: Repeater', 'Second: WAN', and 'Third: Complete'. Below this, the 'Wireless Repeater' section is visible. A 'Scan AP' dialog box is overlaid on the screen, displaying a list of detected wireless networks:

SSID	MAC Address	Channel	RSS	Encryption	Action
wifi.tattele.com	08:C6:B3:1E:24:0D	7	-43 dBm	none	Choice
unknown	02:1F:D4:04:80:16	1	-55 dBm	none	Choice
unknown	02:1F:D4:04:80:07	6	-34 dBm	none	Choice
unknown					

The dialog box includes a 'Refresh' button at the bottom right. Below the dialog box, the 'Back' and 'Next' buttons are visible on the main configuration screen.

Нажмите кнопку Scan AP выберите нужную точку доступа настройте шифрование ключ

The screenshot shows the 'WISP Mode' configuration interface. At the top, there is a blue header with 'WISP Mode' and a back arrow. Below the header, a progress bar indicates three steps: 'First: Repeater' (active), 'Second: WAN', and 'Third: Complete'. The main content area is titled 'Wireless Repeater' and contains the following fields:

- 'Repeater SSID' text input field.
- 'lockmac' checkbox.
- 'Authentication' dropdown menu with 'WPA/WPA2PSK_TKIPAES' selected.
- 'Key' text input field containing '66666666'.
- 'Scan AP' button.
- 'Back' and 'Next' buttons at the bottom.

На вкладке Second: WAN настройте доступ .

The screenshot shows the 'WISP Mode' configuration interface at the 'Second: WAN' step. The progress bar shows 'First: Repeater', 'Second: WAN' (active), and 'Third: Complete'. Below the progress bar, there are three tabs: 'Static IP', 'PPPOE(ADSL)', and 'DHCP'. The 'DHCP' tab is selected. A message box in the center reads: 'The current access mode is DHCP, Please click next to configure.' At the bottom, there are 'Back' and 'Next' buttons.

AP Mode

Режим AP: беспроводное подключения клиентов к AP для выхода в сеть WAN интернет

The screenshot shows the 'AP Mode' configuration interface. At the top, there is a blue header with 'AP Mode' and a back arrow. Below the header, a progress bar indicates three steps: 'First: Wireless' (highlighted), 'Second : LAN', and 'Third:Complete'. The main content area is titled 'Wireless Settings' and contains the following fields:

- WLAN Status: ON (with a 'wireless analyzer' button next to it)
- SSID: Wireless 2.4G
- Channel: * 2.442 GHz (Channel 7)
- Encryption: WPA2PSK_TKIPAES
- Key: 66666666

Below the wireless settings is a section titled 'Location Information' with two input fields: 'AP Name' and 'AP Location'. At the bottom of the form are two blue buttons: 'Back' and 'Next'.

Настройте SSID канал шифрование ключ название точки AP и её местоположение

На вкладке Second : LAN настройте доступ.

The screenshot shows the 'AP Mode' configuration interface at the 'Second : LAN' step. The progress bar at the top shows 'First: Wireless', 'Second : LAN' (highlighted), and 'Third:Complete'. The main content area is titled 'LAN settings' and contains one field:

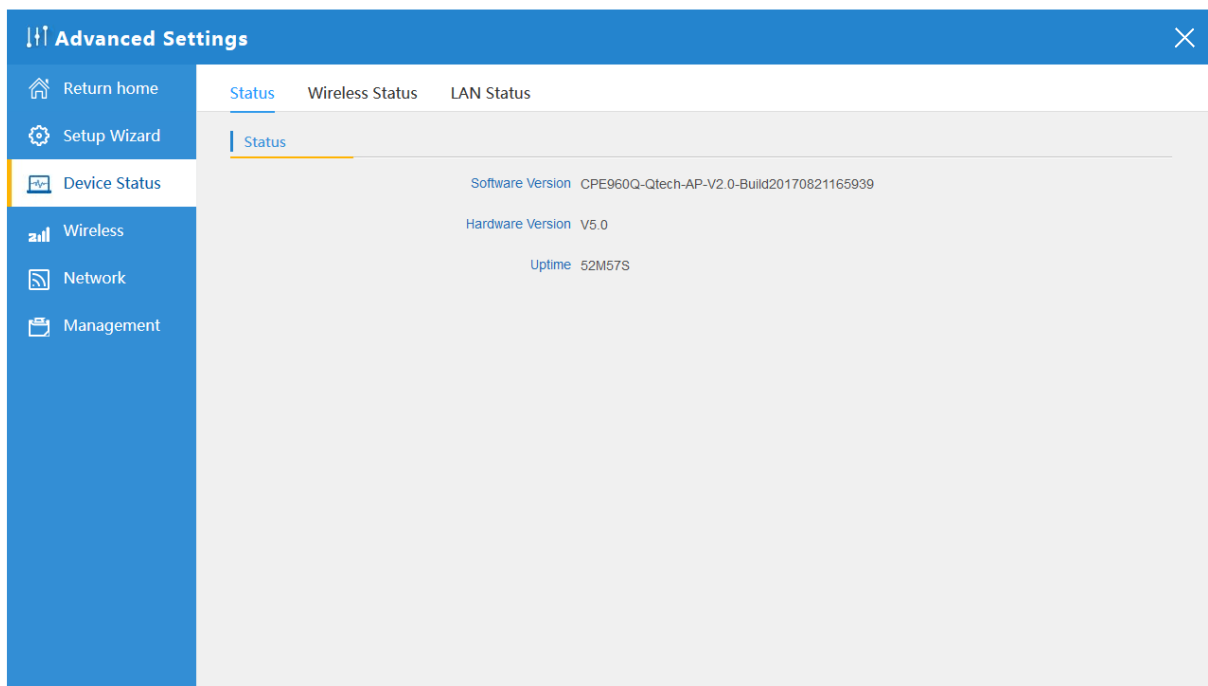
- Access Type: DHCP

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

Advanced Settings

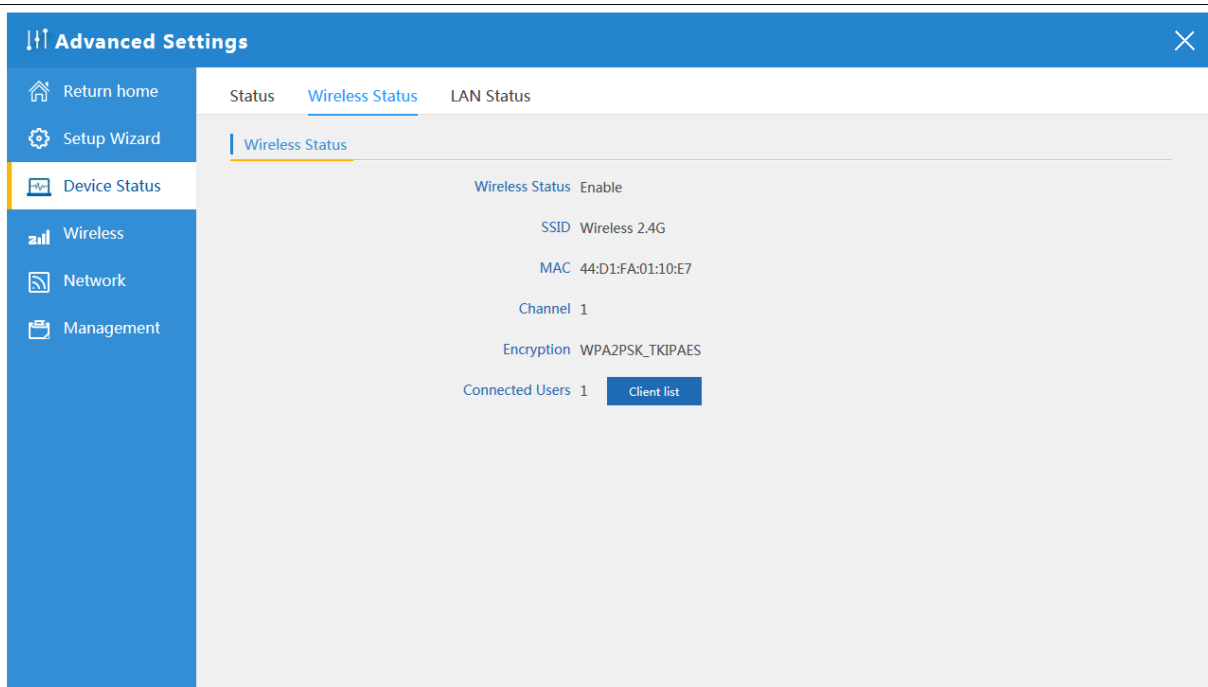
Device Status

В статусе вы увидите версию прошивки, время безотказной работы системы.



Wireless Status

Основная информация по базовым настройкам беспроводной сети



LAN status

Настройки LAN

The screenshot shows the 'LAN Status' page within the 'Advanced Settings' application. The left sidebar contains navigation options: 'Return home', 'Setup Wizard', 'Device Status', 'Wireless', 'Network', and 'Management'. The main content area displays the following network information:

- LAN IP: 192.168.188.253
- Subnet Mask: 255.255.255.0
- MAC: 44:D1:FA:01:10:E5
- Manage server IP: 192.168.188.1
- DHCP Status: Disable
- DHCP address range: 192.168.188.2 — 192.168.188.252
- Assigned IP: 0

A 'DHCP list' button is located next to the 'Assigned IP' field.

Wireless

Basic Settings

Основные настройки беспроводной сети

The screenshot shows the 'Wireless Basic Settings' page within the 'Advanced Settings' application. The left sidebar is the same as in the previous screenshot. The main content area displays the following wireless configuration options:

- Wireless Status: On Off [wireless analyzer](#)
- SSID:
- Broadcast SSID: Disable Enable
- WMM: Disable Enable
- Channel:
- Channel:
- Authentication:
- Key:

An 'Apply' button is located at the bottom center of the page.

Virtual AP

Настройка виртуальных сетей

The screenshot shows the 'Advanced Settings' window for configuring Virtual APs. The left sidebar contains navigation options: Return home, Setup Wizard, Device Status, Wireless (selected), Network, and Management. The main content area has tabs for Basic Settings, Virtual AP (selected), Access Control, and Advanced Settings. Under the 'Virtual AP' tab, there are three sections for Virtual AP1, Virtual AP2, and Virtual AP3. The settings for Virtual AP1 are visible: Wireless Status is set to ON, SSID is VAP0, Broadcast SSID is set to Enable, WMM is set to Enable, and Encryption is set to none. An Apply button is located at the bottom center.

Access Control

Настройка доступа.

The screenshot shows the 'Advanced Settings' window for configuring Access Control. The left sidebar is the same as in the previous screenshot. The main content area has tabs for Basic Settings, Virtual AP, Access Control (selected), and Advanced Settings. Under the 'Access Control' tab, there is a 'Wireless Access Control' section. The 'Access Control' dropdown menu is open, showing three options: MAC Access All (selected), Allow Listed, and Deny Listed. An Apply button is located to the right of the dropdown menu.

Advanced Settings

Расширенные настройки беспроводной сети

The screenshot shows the 'Advanced Settings' page for wireless network configuration. The left sidebar contains navigation options: Return home, Setup Wizard, Device Status, Wireless (selected), Network, and Management. The main content area has tabs for Basic Settings, Virtual AP, Access Control, and Advanced Settings. Under the 'Advanced Settings' tab, the following parameters are visible:

- Regional: China (dropdown menu)
- Channel(1-13): (text field)
- MODE: 802.11N/G (dropdown menu)
- RF Output Power: 100% (dropdown menu)
- Packet Threshold: 2346 (text field, range 256-2346)
- RTS Threshold: 2346 (text field, range 0-2347)
- Ack Timeout control: 64 (text field, range 0-255us)
- Beacon interval: 100 (text field, range 100-1024)ms
- MAX User: 64 (text field, range 0-64 0 not limited)
- Coverage Threshold: -95 (text field, range -95dBm~-65dBm)
- Aggregation: ON (checkbox)
- Short GI: ON (checkbox)
- User isolation: OFF (checkbox)

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

Network

LAN Settings

Настройка LAN

The screenshot shows the 'LAN Settings' page within the 'Advanced Settings' menu. The left sidebar is the same as in the previous screenshot, with 'Network' selected. The main content area has tabs for LAN Settings and VLAN. Under the 'LAN Settings' tab, the 'Access Type' dropdown menu is open, showing three options: DHCP (selected), Static IP, and DHCP.

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

VLAN

Настройка VLAN

The screenshot shows the 'Advanced Settings' window with the 'LAN Settings' tab selected and the 'VLAN' sub-tab active. A table is displayed with the following structure:

VLAN-ID(3-4094)	AP	VAP1	VAP2	VAP3
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

An 'Apply' button is located at the bottom center of the configuration area.

Management

System Time

Настройка системного времени

The screenshot shows the 'Advanced Settings' window with the 'Management' tab selected and the 'System Time' sub-tab active. The configuration includes:

- System Time: 2015-10-30 11:14:07
- Auto restart: 0:00
- Sync with Host: three days

An 'Apply' button is located at the bottom center of the configuration area.

Signal tracking

Измерение сигнала выбранной AP

The screenshot shows the 'Signal tracking' configuration page. On the left is a blue sidebar with navigation options: Return home, Setup Wizard, Device Status, Wireless, Network, and Management. The main content area has tabs for System Time, Signal tracking (selected), Logs, Upgrade Firmware, System, and User. Under the 'Signal tracking' tab, there are input fields for SSID (set to 'unknown') and MAC (set to '02:1F:D4:04:80:16'). There are 'Scan AP' and 'Start Tracking' buttons. A 'Signal strength' slider is shown at -67 dBm. Below the slider, there is a 'track status' section with a 'cease tracking' button. A red warning message reads: 'In the procedure of signal tracking, the unexpected effects probably occur in Tx/Rx data transaction. Please press "Stop Tracking" button instantly after signal tracking.'

Logs

System Logs

Системный журнал история работы устройства.

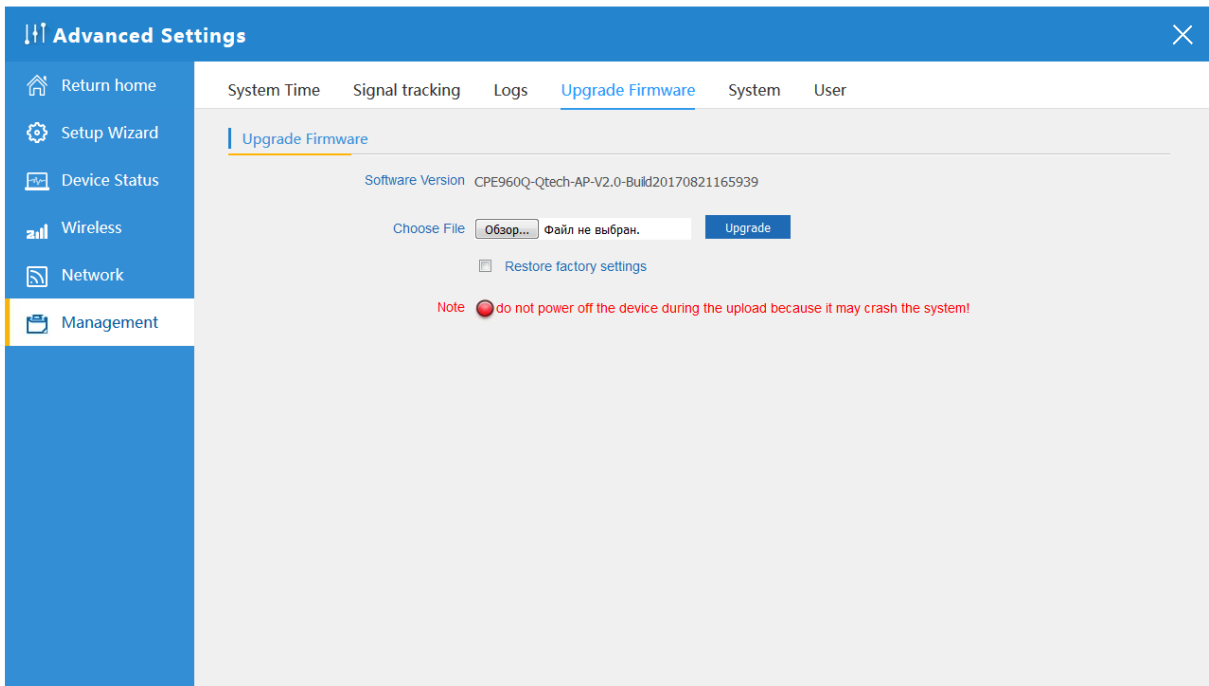
The screenshot shows the 'System Logs' configuration page. The sidebar is the same as in the previous image. The 'Logs' tab is selected in the main content area. There is a checkbox for 'Remote Log Server' and an 'IP' input field with an 'Apply' button. Below this is a scrollable log window displaying system logs. The logs show the following information for each entry: timestamp, device ID (CPE120), user, info, sysinit, and details about the detected AP including SSID, address, mode, channel, signal strength, quality, encryption, and frequency.

```
Oct 30 11:11:35 CPE120 user.info sysinit: WPA2 802.1X (CCMP)
Oct 30 11:11:35 CPE120 user.info sysinit: Frequency: 2437 MHz
Oct 30 11:11:35 CPE120 user.info sysinit: Cell 39 - Address: 06:27:22:0B:14:CB
Oct 30 11:11:35 CPE120 user.info sysinit: ESSID: "SCBRU-Internal"
Oct 30 11:11:35 CPE120 user.info sysinit: Mode: Master Channel: 11
Oct 30 11:11:35 CPE120 user.info sysinit: Signal: -72 dBm Quality: 63/94
Oct 30 11:11:35 CPE120 user.info sysinit: Encryption: WPA2 ESK (CCMP)
Oct 30 11:11:35 CPE120 user.info sysinit: Frequency: 2462 MHz
Oct 30 11:11:35 CPE120 user.info sysinit: Cell 40 - Address: 02:1F:D4:04:80:16
Oct 30 11:11:35 CPE120 user.info sysinit: ESSID: unknown
Oct 30 11:11:35 CPE120 user.info sysinit: Mode: Master Channel: 1
Oct 30 11:11:35 CPE120 user.info sysinit: Signal: -64 dBm Quality: 86/94
Oct 30 11:11:35 CPE120 user.info sysinit: Encryption: none
Oct 30 11:11:35 CPE120 user.info sysinit: Frequency: 2412 MHz
Oct 30 11:11:35 CPE120 user.info sysinit: Cell 41 - Address: 02:1F:D4:04:80:13
Oct 30 11:11:35 CPE120 user.info sysinit: ESSID: unknown
Oct 30 11:11:35 CPE120 user.info sysinit: Mode: Master Channel: 6
Oct 30 11:11:35 CPE120 user.info sysinit: Signal: -62 dBm Quality: 87/94
Oct 30 11:11:35 CPE120 user.info sysinit: Encryption: none
Oct 30 11:11:35 CPE120 user.info sysinit: Frequency: 2437 MHz
```

At the bottom of the log window, there are 'Refresh' and 'Clear' buttons.

Upgrade Firmware

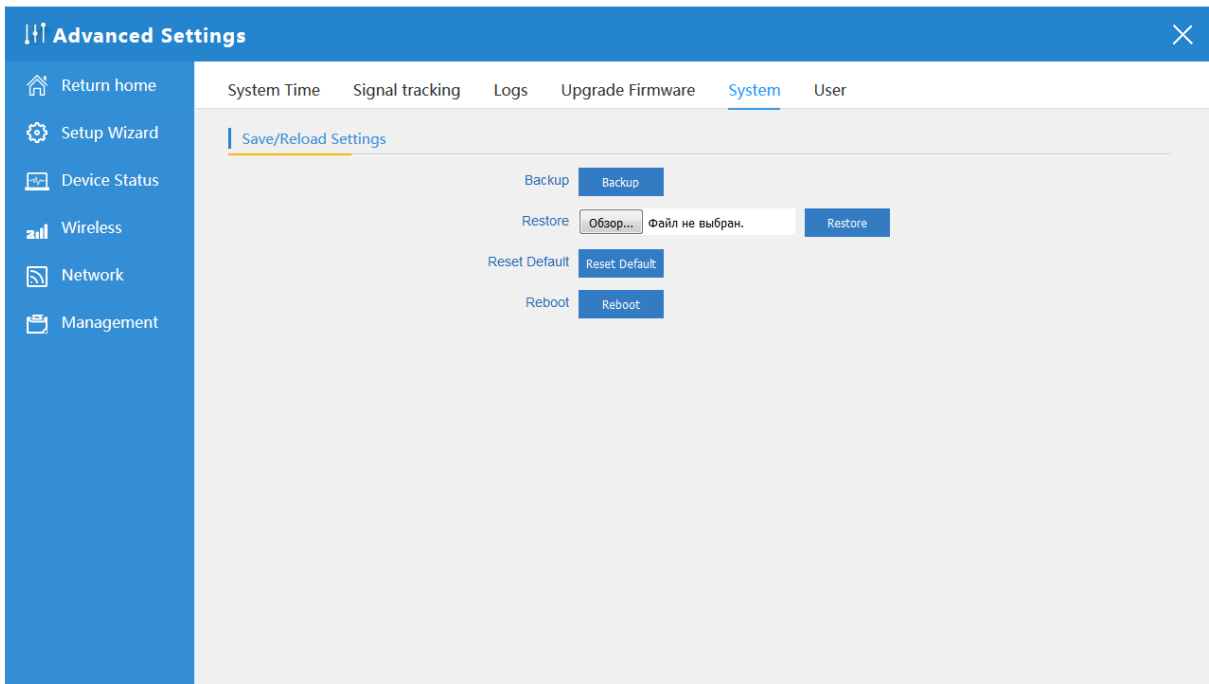
Нажмите кнопку Обзор выберите файл прошивки, затем нажмите Upgrade. После обновления перезагрузите устройство.



System

Save/Reload Settings

Сохранение/загрузка настроек системы, сброс к заводским настройкам, перезагрузка CPE



User

Изменение имени пользователя и пароля входа в систему

The screenshot shows a web-based configuration interface titled "Advanced Settings" with a close button (X) in the top right corner. A left-hand navigation menu includes: "Return home", "Setup Wizard", "Device Status", "Wireless", "Network", and "Management". The main content area has a sub-menu with "System Time", "Signal tracking", "Logs", "Upgrade Firmware", "System", and "User" (which is selected and underlined). Below the sub-menu, the "User" configuration section contains four input fields: "User name" (with the value "admin"), "Old Password", "Password", and "Confirm Password". An "Apply" button is located at the bottom center of the configuration area.

Field	Value
User name	admin
Old Password	
Password	
Confirm Password	

Apply