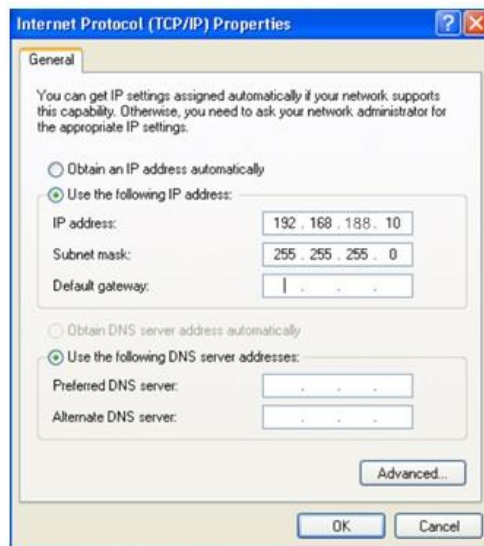


Инструкция по настройке QWO-890-АС-CPE

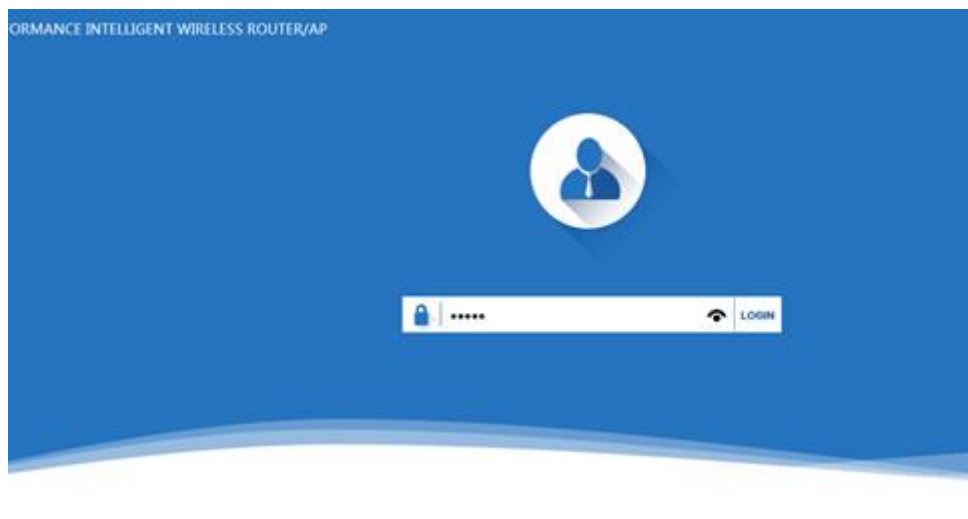




Перед настройкой подключить AP кабелем к порту блока PoE, компьютер подключить к порту LAN блока PoE. Настроить сетевой IP адрес компьютера:



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 CPE: текущий режим работы, состояние WLAN, версию прошивки.



Быстрая настройка

Wizard

Super WDS

WDS - технология, позволяющая расширить зону покрытия беспроводной сети путем объединения нескольких WiFi точек доступа в единую сеть без необходимости наличия проводного соединения между ними

Super WDS

First:WDS Settings | Second: Complete

Super WDS settings

SSID: Wireless 2.4G

Band Width: 20MHz

Channel: * 2.442 GHz (Channel 7) | wireless analyzer

MAC1: [] Scan AP

MAC2: [] Scan AP

MAC3: [] Scan AP

MAC4: [] Scan AP

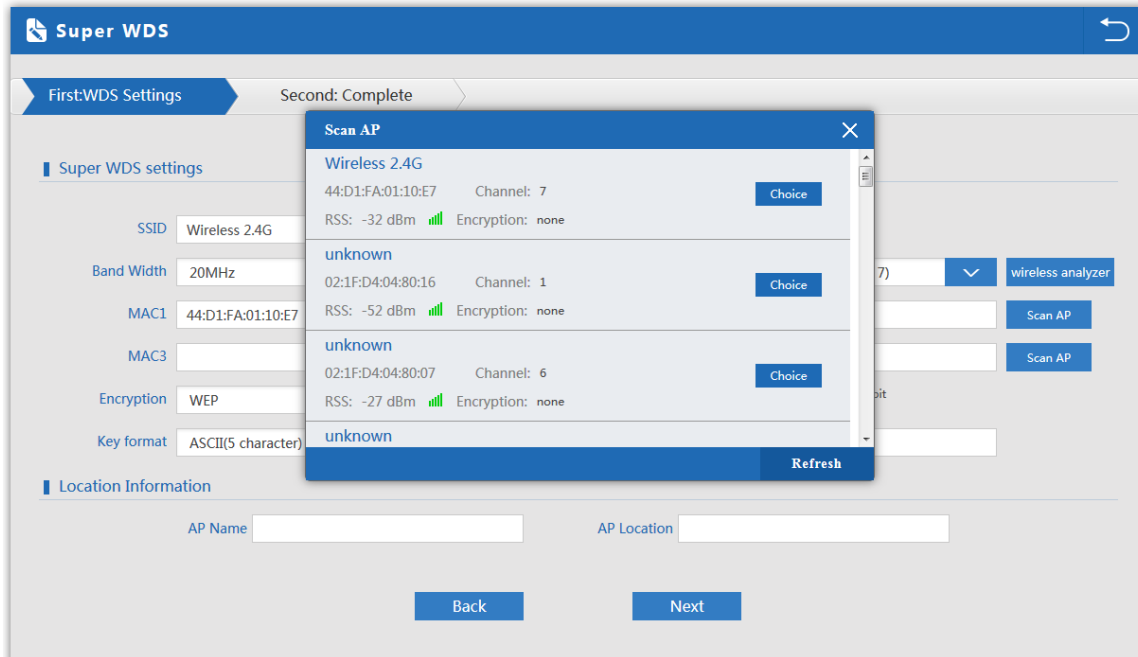
Encryption: Open

Location Information

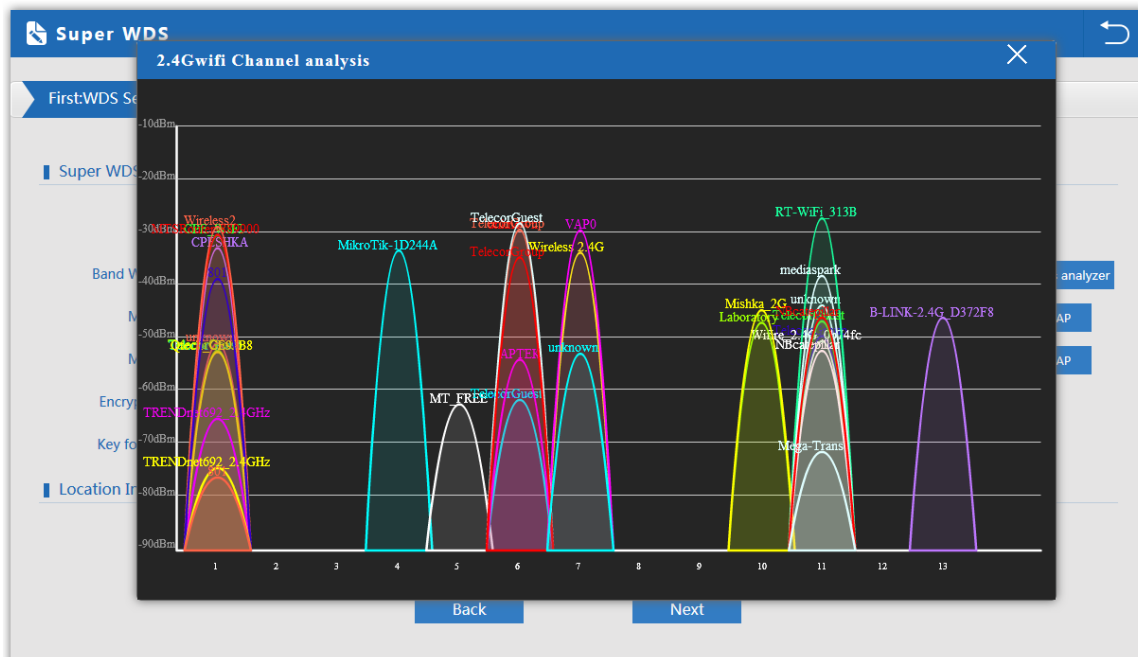
AP Name: [] AP Location: []

Back Next

Нажимаем **Scan AP** выбираем точку доступа



С помощью анализатора спектра можно выбрать менее зашумлённый канал



Настраиваем шифрование и ключ название и местоположение точки

The screenshot shows the 'Super WDS' configuration interface. At the top, there are two progress indicators: 'First: WDS Settings' and 'Second: Complete'. The main section is titled 'Super WDS settings' and contains the following fields and controls:

- SSID: Wireless 2.4G
- Band Width: 20MHz (dropdown menu)
- Channel: * 2.442 GHz (Channel 7) (dropdown menu) with a 'wireless analyzer' button
- MAC1: 44:D1:FA:01:10:E7 (with 'Scan AP' button)
- MAC2: (empty) (with 'Scan AP' button)
- MAC3: (empty) (with 'Scan AP' button)
- MAC4: (empty) (with 'Scan AP' button)
- Encryption: WEP (dropdown menu)
- Key length: Wep 64 bit Wep 128 bit
- Key format: ASCII(5 character) (dropdown menu)
- Key: 66666

Below the settings is the 'Location Information' section with two input fields: 'AP Name' and 'AP Location'. At the bottom, there are 'Back' and 'Next' buttons.

Нажимаем Next

Возвращаемся на вкладку Status

The screenshot shows the 'Status' page of the Super WDS interface. At the top, there are navigation tabs: 'Status', 'Wizard', 'Advanced', and 'Exit'. The page displays the following information:

- Mode: Super WDS
- Running time: 4H47M17S
- Software Version: CPE890-Qtech-AP-V2.0-Build20170815181737
- Reboot button

The main visual is a diagram showing a 'User' (laptop and phone) connected to a 'CPE' (mobile device) via a wireless signal. The signal strength is indicated by a green checkmark and a red 'X' over the signal waves.

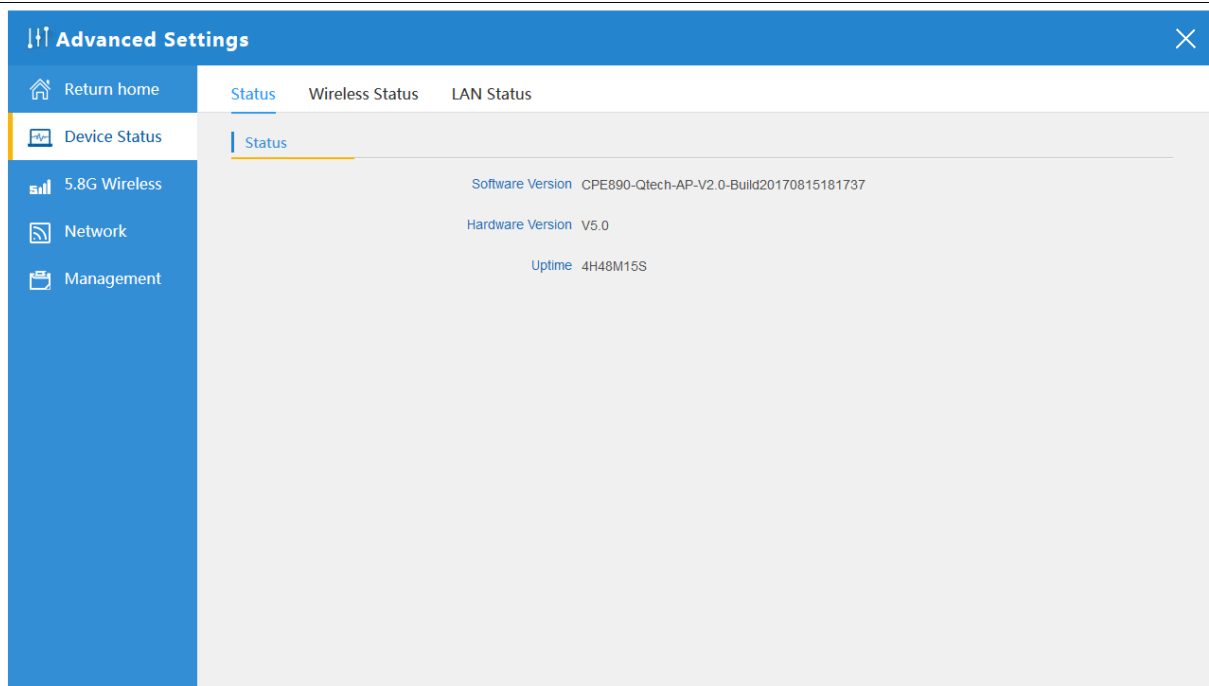
Below the diagram are four status cards:

- CPU usage:** 9% CPU Frequency: 550MHz
- 5.8G Wireless settings:** 5.8G WLAN off
- LAN settings:** 192.168.188.253, 78:D3:8D:F7:28:75
- Super WDS settings:** Wireless 5.8G

Advanced settings

Device Status

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

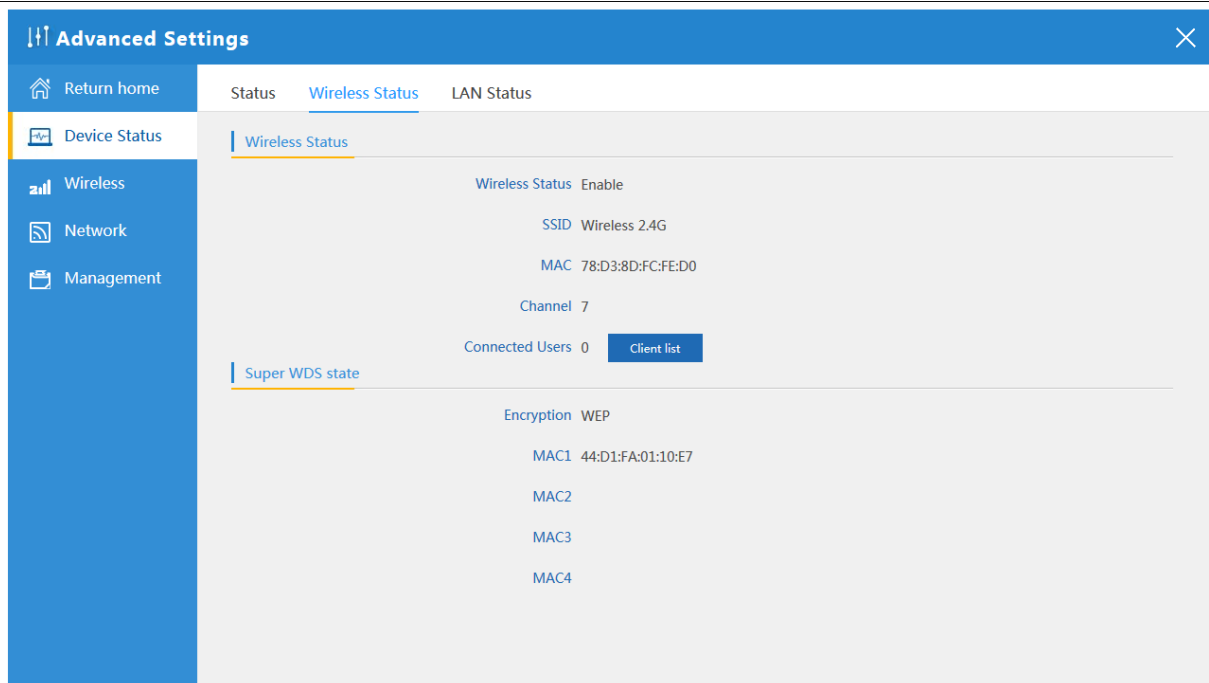


The screenshot shows the 'Advanced Settings' window with the 'Device Status' tab selected. The left sidebar contains navigation options: Return home, Device Status, 5.8G Wireless, Network, and Management. The main content area shows the following information:

Software Version	CPE890-Qtech-AP-V2.0-Build20170815181737
Hardware Version	V5.0
Uptime	4H48M15S

Wireless Status

Основная информация по базовым настройкам беспроводной сети



The screenshot shows the 'Advanced Settings' window with the 'Wireless Status' tab selected. The left sidebar contains navigation options: Return home, Device Status, Wireless, Network, and Management. The main content area shows the following information:

Wireless Status	Enable
SSID	Wireless 2.4G
MAC	78:D3:8D:FC:FE:D0
Channel	7
Connected Users	0 Client list
Super WDS state	
Encryption	WEP
MAC1	44:D1:FA:01:10:E7
MAC2	
MAC3	
MAC4	

LAN status

Настройки LAN

The screenshot shows the 'Advanced Settings' window with the 'LAN Status' tab selected. The left sidebar contains navigation options: Return home, 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	78:D3:8D:FC:FE:CE
Manage server IP	192.168.188.1

Wireless

Basic Settings

Основные настройки беспроводной сети

The screenshot shows the 'Advanced Settings' window with the 'Basic Settings' tab selected. The left sidebar contains navigation options: Return home, Device Status, Wireless, Network, and Management. The main content area displays the 'Super WDS settings' configuration page:

SSID	Wireless 2.4G	Onekey AiConnect	<input checked="" type="checkbox"/> ON
Band Width	20MHz	Channel	* 2.442 GHz (Channel 7) wireless analyzer
MAC1	44:D1:FA:01:10:E7	SSID1	Wireless 2.4G Scan AP
MAC2		SSID2	Scan AP
MAC3		SSID3	Scan AP
MAC4		SSID4	Scan AP
Encryption	WEP	Key length	<input checked="" type="radio"/> Wep 64 bit <input type="radio"/> Wep 128 bit
Key format	ASCII(5 character)	Key	66666

Apply

Virtual AP

Настройка виртуальных сетей

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

Access Control

Настройка доступа.

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

Advanced Settings

Расширенные настройки беспроводной сети

Advanced Settings

- Return home
- Device Status
- Wireless
- Network
- Management

Basic Settings Virtual AP Access Control **Advanced Settings**

Advanced Settings

Regional: China Channel(1-13)

MODE: 802.11N/G

RF Output Power: 100%

Packet Threshold: 2346 (256-2346)

RTS Threshold: 2346 (0-2347)

Ack Timeout control: 64 (0-255)us

Beacon interval: 100 (100-1024)ms

MAX User: 64 (Range 0-64 0 not limited)

Coverage Threshold: -95 (-95dBm~-65dBm)

Aggregation ON Short GI ON User isolation OFF

Apply

Network

LAN Settings

Настройка LAN

Advanced Settings

- Return home
- Device Status
- Wireless
- Network
- Management

LAN Settings VLAN

LAN Settings

Access Type: DHCP

Apply

VLAN

Настройка VLAN

Advanced Settings

LAN Settings **VLAN**

VLAN

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"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Apply

Management

System Time

Настройка системного времени

Advanced Settings

System Time Signal tracking Logs Upgrade Firmware System User

System Time

System Time 2015-10-30 10:49:09 [Sync with Host](#)

Auto restart 0:00 three days

Apply

Signal tracking

Измерение сигнала выбранной AP

The screenshot shows the 'Signal tracking' configuration page. On the left is a navigation menu with 'Management' selected. The main area has tabs for 'System Time', 'Signal tracking', 'Logs', 'Upgrade Firmware', 'System', and 'User'. Under 'Signal tracking', there are input fields for 'SSID' (Wifire_5G_0b75a1) and 'MAC' (08:C6:B3:0B:75:A5), with 'Scan AP' and 'Start Tracking' buttons. A 'Signal strength' slider is set to -40 dBm. Below the slider, there is a 'track status' section with a 'cease tracking' button. A red warning message states: '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

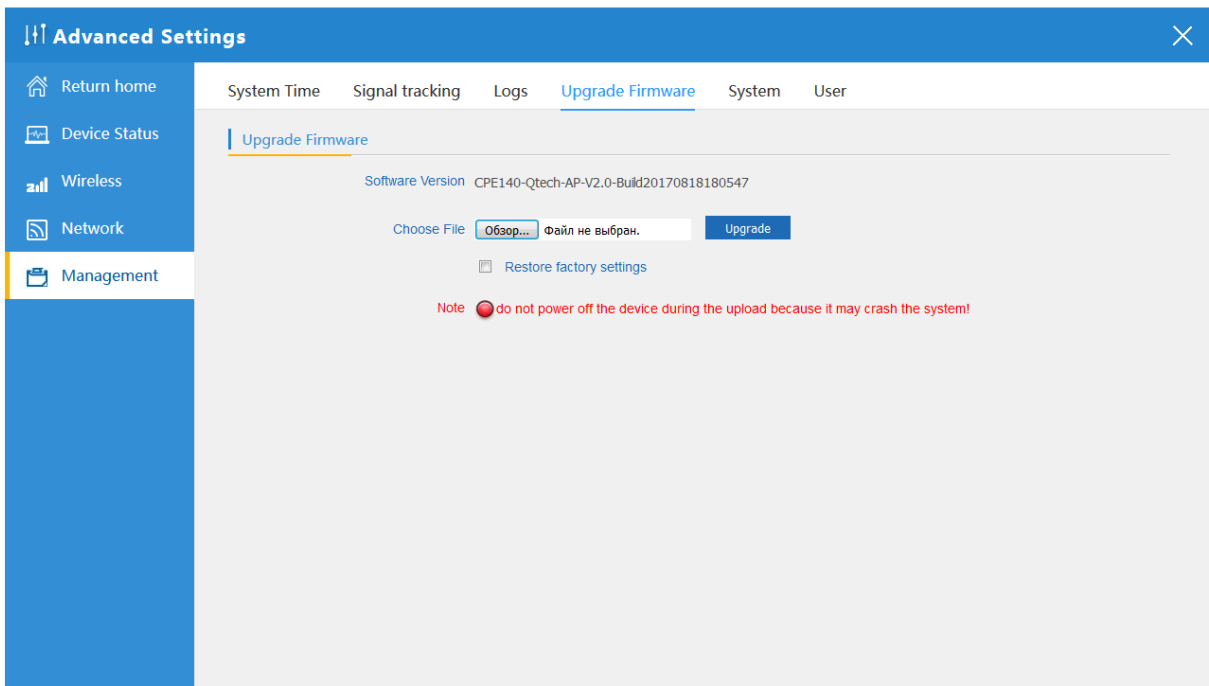
Системный журнал история работы устройства.

The screenshot shows the 'System Logs' configuration page. The navigation menu has 'Management' selected. The main area has tabs for 'System Time', 'Signal tracking', 'Logs', 'Upgrade Firmware', 'System', and 'User'. Under 'System Logs', there is a 'Remote Log Server' checkbox and an 'IP' input field with an 'Apply' button. A scrollable log window displays system messages, including kernel warnings and user info messages. At the bottom, there are 'Refresh' and 'Clear' buttons.

```
Oct 30 10:37:19 CPE890 user.info sysinit: stafwd (8BE0): Invalid argument
Oct 30 10:37:19 CPE890 kern.warn kernel: [ 36.870000] Setting Max Stations:64
Oct 30 10:37:19 CPE890 kern.warn kernel: [ 36.880000]
Oct 30 10:37:19 CPE890 kern.warn kernel: [ 36.880000] DES SSID SET=
Oct 30 10:37:19 CPE890 kern.warn kernel: [ 36.890000]
Oct 30 10:37:19 CPE890 kern.warn kernel: [ 36.890000] DES SSID SET=Wireless 2.4G
Oct 30 10:37:20 CPE890 kern.warn kernel: [ 37.080000] dfs_control enable detects, ignore_dfs
1
Oct 30 10:37:20 CPE890 kern.warn kernel: [ 37.090000] [ol_ath_iw_setcountry][1517] *p=43,
*(p+1)=4e
Oct 30 10:37:20 CPE890 user.info sysinit: distance option not supported on this driver
Oct 30 10:37:20 CPE890 user.info sysinit: Interface doesn't accept private ioctl...
Oct 30 10:37:20 CPE890 user.info sysinit: AMPDU (8BE0): Operation not permitted
Oct 30 10:37:20 CPE890 kern.warn kernel: [ 37.100000] isCountryCodeValid: EEPROM regdomain
0x0
Oct 30 10:37:20 CPE890 kern.warn kernel: [ 37.100000] ol_regdmn_init_channels: !avail mode
0x1f9001 (0x2) flags 0x2150
Oct 30 10:37:20 CPE890 kern.warn kernel: [ 37.110000] ol_regdmn_init_channels: !avail mode
0x1f9001 (0x4) flags 0xa0
Oct 30 10:37:20 CPE890 kern.warn kernel: [ 37.120000] ol_regdmn_init_channels: !avail mode
```

Upgrade Firmware

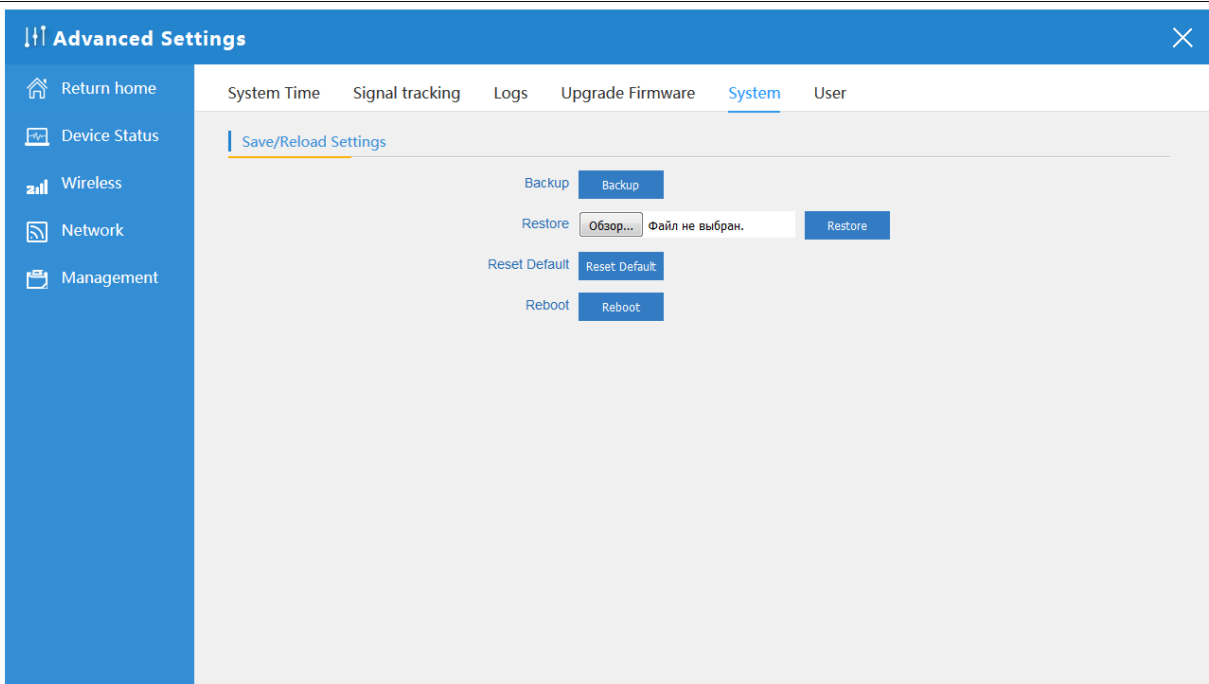
Нажмите кнопку Обзор выберите файл прошивки, затем нажмите Upgrade. После обновления перезагрузите устройство.



System

Save/Reload Settings

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



User

Изменение имени пользователя и пароля входа в систему

Advanced Settings

Return home | Device Status | Wireless | Network | Management

System Time | Signal tracking | Logs | Upgrade Firmware | System | **User**

User

User name

Old Password

Password

Confirm Password

Apply