

Huawei AirEngine 9700 M1 İÇİN MİNİ KURULUM DÖKÜMANI

Huawei Airengine 9700 M1;

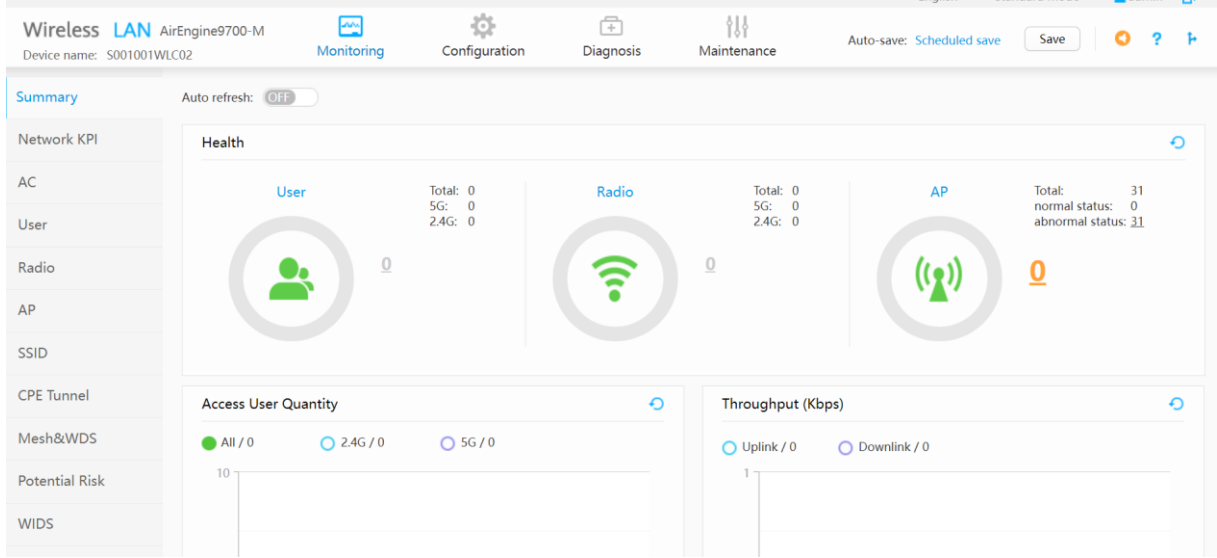


Web Tabanlı Yönetim: Mgmt portundan 169.254.1.1/24 IP adresinden, console' dan oluşturduğumuz kullanıcı ile AC'ye giriş yapabiliriz.

A screenshot of the Wireless LAN Access Controller login page. The page has a light gray background. At the top, there is a blue graphic of a city skyline with a wireless signal icon. Below the graphic, the text "Wireless LAN" is displayed in a large blue font, and "Access Controller" is displayed in a smaller blue font below it. To the right of the text, there are three input fields: "Username:" with a white input box, "Password:" with a white input box and a blue "Forgot password?" link to its right, and "Language:" with a dropdown menu showing "English". Below these fields is a blue "Login" button.

Web Yönetimi ve Yapılandırma

AC Wireless Controller' a giriş yaptığımızda aşağıdaki gibi kullanıcı dostu bir arayüzde **Monitoring** sekmesindeki Dashboard ekranında bağlı olan kullanıcı sayısı, AP sayısı vb. bilgileri detaylı olarak inceleyebiliriz.



Cihaz Genel Ayarları: AirEngine 9700 M1 Kablosuz Ağ Yönetim cihazımızın genel ayarlarını üstteki **Configuration** menüsü altından yapabiliriz. Buraya girdiğimizde sol menüde **Config Wizard** açılacaktır ve **AC** seçeneğine karşılık parametreler gelmektedir. Bu ekranı kullanarak cihaz adını değiştirebilir, ülke, saat dilimi, tarih & saat gibi ayarları tanımlayabiliriz.

Web arayüzünden Mgmt portunun IP adresini değiştirme.

Wireless LAN AirEngine9700-M
Device name: S001001WLC02

Monitoring Configuration Diagnosis Maintenance

Auto-save: Scheduled save Save

Config Wizard Physical Interface Logical Interface Management Network Port

AC Config

Basic Config

VLAN

Interface

IP

AP Config

Security

QoS

Other Services

Reliability

Interface name: MEth 0/0/1

Interface status: ON

Description: HUAWEI, AC Series, MEth0/0/1 Interface

IP address: 169 . 254 . 1 . 1

Mask: 24(255.255.255.0)

Apply

Wizard ile AC kurulumu

AC ismi, NTP adresi verilmesi, zaman dilimi ayarı yapılıyor.

Wireless LAN AirEngine9700-M
Device name: S001001WLC02

Monitoring Configuration Diagnosis Maintenance

Auto-save: Scheduled save Save

Config Wizard 1. Basic AC Configuration 2. Port Configuration 3. Network Interconnection Configuration 4. AC Backup Configuration 5. AC Source Address 6. Confirm Settings

AC

AP Going Online

Wireless Service

Mesh

AC Config

AP Config

Security

QoS

Other Services

Reliability

AC version: V200R021C00SPC100

AC name: S001001WLC02

* Country/Region: Turkey

* Time zone: (UTC +03:00) Kuwait, Riy

System time: Manual Automatic

* NTP server address: IPv4 192 . 168 . 1 . 5

IPv4 192 . 168 . 1 . 217

License Info

Device ESN: 101990019021

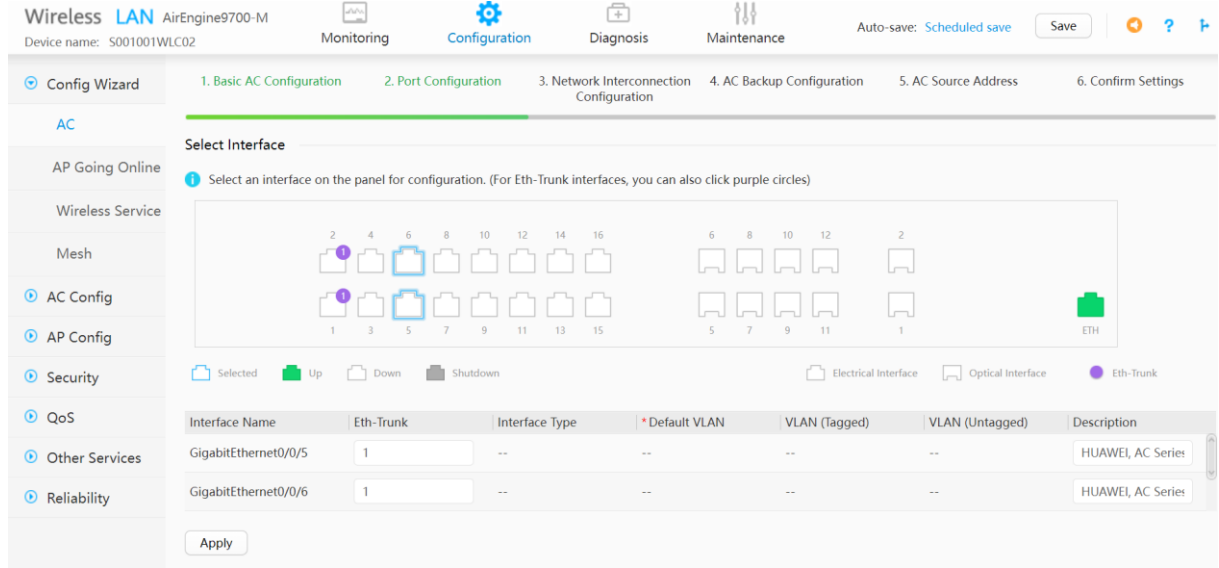
License file ESN: 101990019021

License file status: Trial

A country code identifies the country or region to which AP radios belong. Different countries require different AP radio attributes, including the transmit power and supported channels. In this way, AP radio attributes can conform to laws and regulations in different countries or regions.

Port ayarları yapılandırılmaktadır.

Portların Access, Trunk, LACP ayarlanabilir.



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Auto-save: Scheduled save Save

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Reliability

Select Interface

Select an interface on the panel for configuration. (For Eth-Trunk interfaces, you can also click purple circles)

2 4 6 8 10 12 14 16 6 8 10 12 2

1 3 5 7 9 11 13 15 5 7 9 11 1

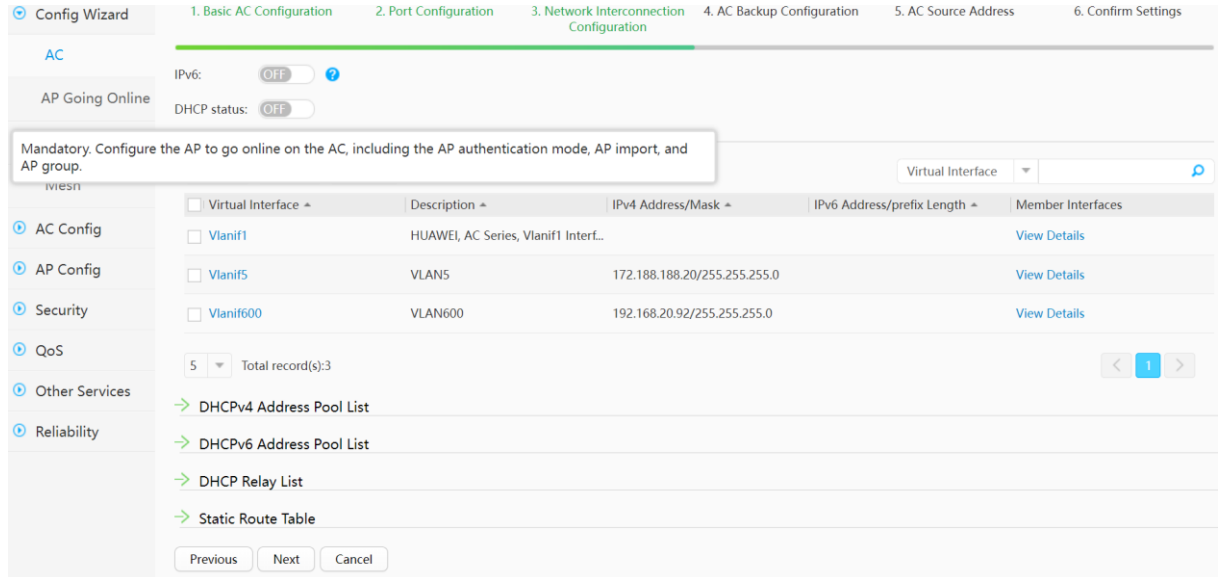
Selected Up Down Shutdown Electrical Interface Optical Interface Eth-Trunk

Interface Name	Eth-Trunk	Interface Type	*Default VLAN	VLAN (Tagged)	VLAN (Untagged)	Description
GigabitEthernet0/0/5	1	--	--	--	--	HUAWEI, AC Series
GigabitEthernet0/0/6	1	--	--	--	--	HUAWEI, AC Series

Apply

Bu sayfada sanal interface, DHCP ve Static Route ayarları yapılır.

Mavi renkli vlanif'ler tıklandığında ayarlar modifiye edilebilir.



Config Wizard 1. Basic AC Configuration 2. Port Configuration 3. Network Interconnection Configuration 4. AC Backup Configuration 5. AC Source Address 6. Confirm Settings

AC

AP Going Online

IPv6: OFF ?

DHCP status: OFF

Mandatory. Configure the AP to go online on the AC, including the AP authentication mode, AP import, and AP group.

Virtual Interface

Virtual Interface	Description	IPv4 Address/Mask	IPv6 Address/prefix Length	Member Interfaces
<input type="checkbox"/> Vlanif1	HUAWEI, AC Series, Vlanif1 InterL...			View Details
<input type="checkbox"/> Vlanif5	VLAN5	172.188.188.20/255.255.255.0		View Details
<input type="checkbox"/> Vlanif600	VLAN600	192.168.20.92/255.255.255.0		View Details

5 Total record(s):3

→ DHCPv4 Address Pool List

→ DHCPv6 Address Pool List

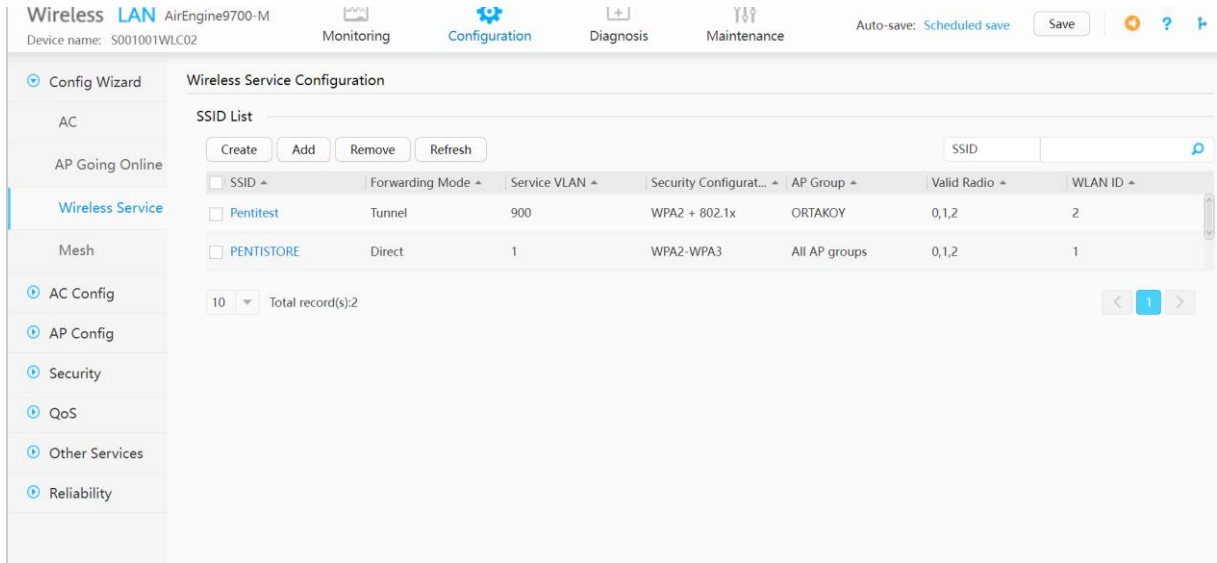
→ DHCP Relay List

→ Static Route Table

Previous Next Cancel

AC üzerinde kablosuz yayın için SSID oluşturulması

Oluşturulan SSID'nin security konfigurasyonu, AP Group'un belirlenmesi Radio ayarları bu sayfa üzerinden yapılmaktadır.



Wireless LAN AirEngine9700-M
Device name: S001001WLC02

Monitoring Configuration Diagnosis Maintenance

Auto-save: Scheduled save Save

Config Wizard Wireless Service Configuration

AC
AP Going Online
Wireless Service
Mesh
AC Config
AP Config
Security
QoS
Other Services
Reliability

SSID List

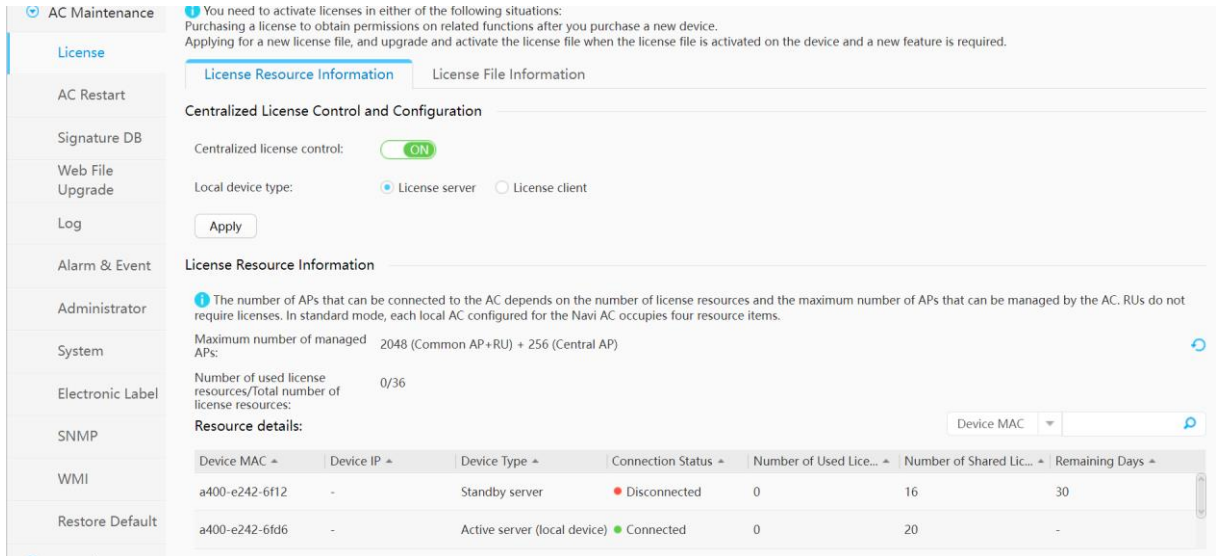
Create Add Remove Refresh

SSID

SSID	Forwarding Mode	Service VLAN	Security Configur...	AP Group	Valid Radio	WLAN ID
Pentitest	Tunnel	900	WPA2 + 802.1x	ORTAKOY	0,1,2	2
PENTISTORE	Direct	1	WPA2-WPA3	All AP groups	0,1,2	1

10 Total record(s):2

Lisans Süresi/Durumu görüntüleme



AC Maintenance

License

AC Restart
Signature DB
Web File Upgrade
Log
Alarm & Event
Administrator
System
Electronic Label
SNMP
WMI
Restore Default

You need to activate licenses in either of the following situations:
Purchasing a license to obtain permissions on related functions after you purchase a new device.
Applying for a new license file, and upgrade and activate the license file when the license file is activated on the device and a new feature is required.

License Resource Information License File Information

Centralized License Control and Configuration

Centralized license control: ON

Local device type: License server License client

Apply

License Resource Information

The number of APs that can be connected to the AC depends on the number of license resources and the maximum number of APs that can be managed by the AC. RUs do not require licenses. In standard mode, each local AC configured for the Navi AC occupies four resource items.

Maximum number of managed APs: 2048 (Common AP+RU) + 256 (Central AP)

Number of used license resources/Total number of license resources: 0/36

Resource details:

Device MAC	Device IP	Device Type	Connection Status	Number of Used Lice...	Number of Shared Lic...	Remaining Days
a400-e242-6f12	-	Standby server	Disconnected	0	16	30
a400-e242-6fd6	-	Active server (local device)	Connected	0	20	-

Satın alınmış lisansın AC'ye tanımlanması bu sayfadan yapılır.

Wireless LAN AirEngine9700-M
Device name: S001001WLC02

Monitoring Configuration Diagnosis Maintenance

Auto-save: Scheduled save Save

AC Maintenance

License

AC Restart

Signature DB

Web File Upgrade

Log

Alarm & Event

Administrator

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You need to activate licenses in either of the following situations:
Purchasing a license to obtain permissions on related functions after you purchase a new device.
Applying for a new license file, and upgrade and activate the license file when the license file is activated on the device and a new feature is required.

License Resource Information License File Information

Device ESN: 101990019021

License file ESN: 101990019021

License file status: Trial

License file validity period: Remaining 55 days

AP resources license

Control item current status: Trial

Control item expiration time: 2023-01-15

Number of licenses: 20

Revoke Load

View Help Information

Bu sayfada startup-config ve system file download veya upload edilebilir.

Wireless LAN AirEngine9700-M
Device name: S001001WLC02

Monitoring Configuration Diagnosis Maintenance

AC Maintenance

License

AC Restart

Signature DB

Web File Upgrade

Log

Alarm & Event

Administrator

System

Electronic Label

SNMP

WMI

Restore Default

AC Upgrade AP Upgrade Intelligent Upgrade

Current Startup Information

Current system file: flash:/AirEngine9700-M_V200R021C00SPC100... View Details

System file version: V200R021C00SPC100

Current configuration file: flash:/vrpcfg.zip Export Configuration File View Valid Configuration

Current patch file: Not found Load Patch

Patch file version: Not found

Export Startup Files

Next Startup Information

It is recommended that you export the current startup files before the upgrade for restoring the system from upgrade failures or system exceptions.

Next startup system file: flash:/AirEngine9700-M_V200R021C... ...

Next startup configuration file: flash:/vrpcfg.zip ... ?

Next startup patch file: ...

Apply

Yedek System File upload edilebilir. Ya da cihaz üzerindeki System File download edilebilir.

Replacing the Next Startup System File

If a directory contains the tilde symbol (~), the file is in the recycle bin. To delete such a file, go to Maintenance > AC Maintenance > System > File Management for operation.

Upload Refresh System File All Files

File Name	Size (Byte)	Operation
flash:/AirEngine9700-M_V200R021C00SPC100.cc	128642560	Upload Delete
flash:/AirEngine9700-M_V200R019C00SPC300.cc	125830400	Upload Delete
backup:/AirEngine9700-M_V200R021C00SPC100.cc...	128642560	Upload Delete

10 Total record(s):3

OK Cancel

Yedek Startup-config upload edilebilir. Ya da cihaz üzerindeki Startup-config download edilebilir.

The screenshot shows a network device's configuration page with a modal dialog titled "Replacing the Next Startup Configuration File". The background page displays "Current Startup Information" with fields for system file, system file version, current configuration file, current patch file, and patch file version. The modal dialog contains an information message, buttons for "Upload", "Refresh", "Configuration File", and "All Files", and a table of files.

Replacing the Next Startup Configuration File

If a directory contains the tilde symbol (~), the file is in the recycle bin. To delete such a file, go to Maintenance > AC Maintenance > System > File Management for operation.

Upload Refresh Configuration File All Files

File Name	Size (Byte)	Operation
<input type="radio"/> flash/bak_vrpcfg.zip	4373	
<input checked="" type="radio"/> flash/vrpcfg.zip	4397	
<input type="radio"/> backup/vrpcfg.zip	4397	

10 Total record(s):3 < 1 >

OK Cancel