

WIRELESS AP/ROUTER USER GUIDE



Wireless Access Point
1750Mbps

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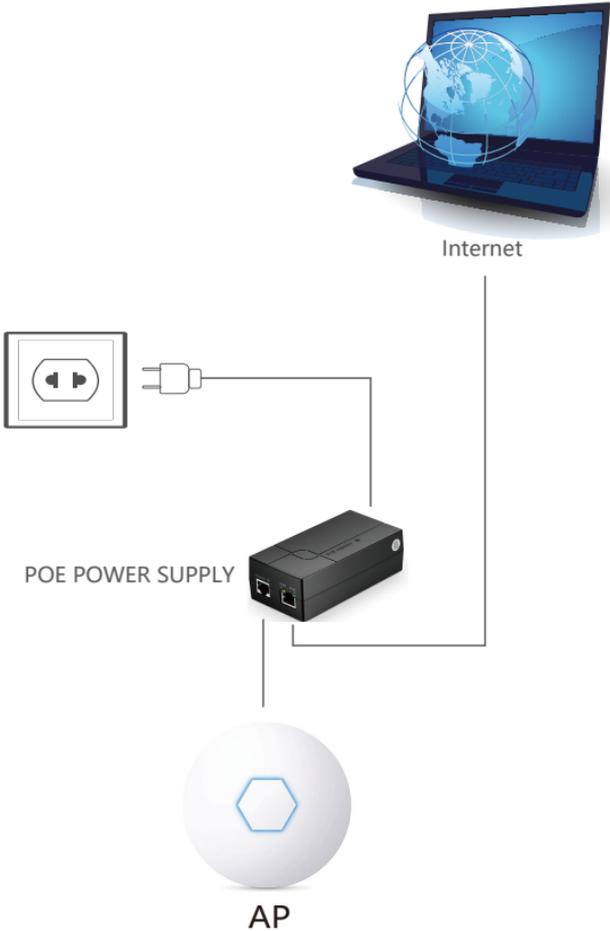
2.4 Configuration

Chapter 3: Copyright Statement

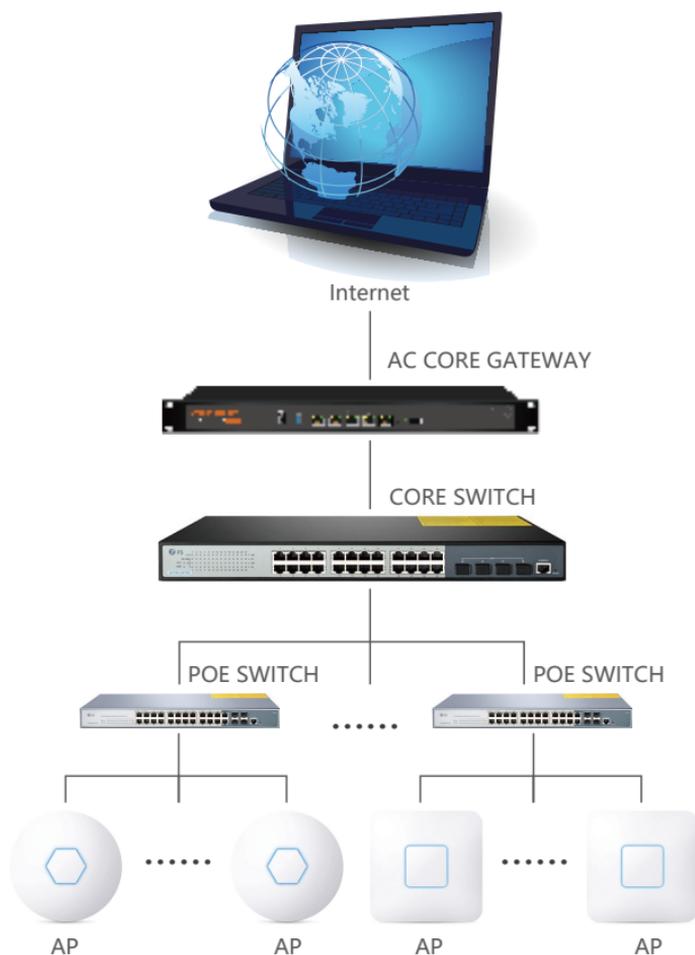
Chapter 4: Contact Us

Chapter 1 Installation Diagram

1.1 Solution 1



1.2 Solution 2



Note: Solution 1 (Single Device Setting): Get into the web setting page independently.



Solution 2 (Multiple Devices Setting): Do centralized management settings and local portal by AC core gateway. (POE power supply and other devices are not standard, please refer to the packing list.)

Chapter 2 Single Device Configuration

2.1 Connection Diagram



Note: Set the LAN port of the device to the computer.

2.2 FAT/FIT Model

Deployment of Wireless LAN (WLAN) switches is increasing in enterprise networks. These devices, which can be standalone switches or integrated into a blade on an enterprise class switch, are useful for the management and control of WLAN access points.

Each AP can be independently managed as a separate network entity on the network. The access point in such a network is often called a “Fat AP”. During the past few years, centralized architectures with ACs and APs have gained popularity. Access controller is responsible for configuration, control, and management of several APs, which provides network administrators with a structured and hierarchical mode of control for multiple APs in the enterprise.

The APs of FS.COM are all default as fit mode, if you need to use the AP alone without AC, you need to adjust the AP mode from a fit mode to a fat mode.

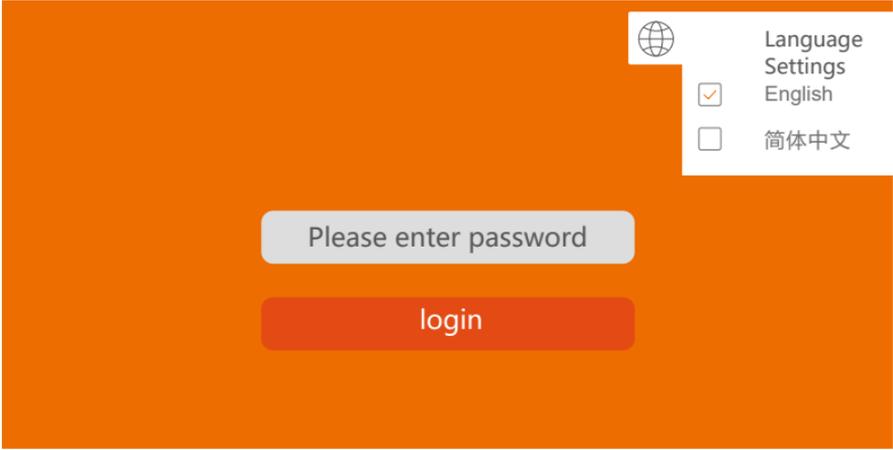
- ① Connect the AP to the POE interface of the POE adapter, and PC is connected to the LAN port of the POE adapter.
- ② Power on, wait for about 90 seconds, you can see the wifi signal of the device.
- ③ Short press the reset button (about 1s), and wait for the device to start again.
- ④ Set the PC IP address to 192.168.10.10
- ⑤ Enter 192.168.10.1 in the PC browser.



P.S. Please press reset button for 5 seconds to restore them to fit mode if you need to use them with an access controller in your future wireless network.

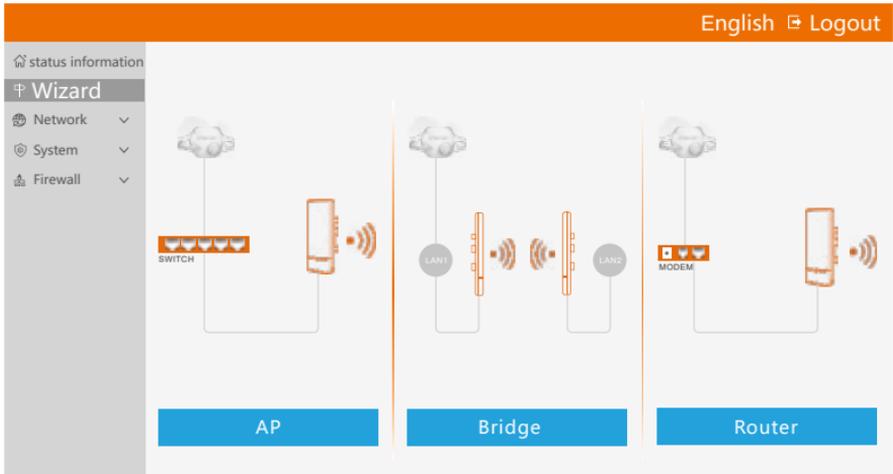
2.3 Login

When you login at the first time, you need to set a password. The device language has Chinese and English to be chosen, and you can set up the language by the top right corner icon  .



2.4 Configuration

2.4.1 When you get into the setting page, there are three working modes in the Wizard: PPPOE, Static IP and Dynamic IP.



2.4.2 Click AP mode and set up IP Address and Subnet Mask. The IP address and Subnet mask should be within same network segment as upper network and can't be conflict with IP address from upper network router. After setting, you can visit the device from the IP address that you have set just now by connecting internet with WAN port of the device.



- Notes: ① In AP mode, the IP address from the other devices connected to the AP will be allocated by the upper network router.
② According to the defaulted setting, there is no need to change IP address. If you want to manage the device, just manually set IP address in the computer.

2.4.3 AP Mode: You can set up wireless SSID, password and channel in advanced settings. After setting, other mobile devices can connect the device SSID to surf the internet.

English Logout

- status information
- Wizard
- Network
- Users
- System
- Firewall

1 — 2 — 3

Lan Settings WiFi 2.4G finish

AP

| | |
|-------------|---------------|
| IP address | 192.168.10.1 |
| Subnet mask | 255.255.255.0 |
| 2.4G SSID | FS.COM |

Prev finish

2.4.4 Bridge Mode: Please ensure that WDS in the upper network is enabled. AP device can set up intranet segment, and then select the wireless SSID signal you need to bridge and input wireless password. The password is the same as your upper network router.

English Logout

- status information
- Wizard
- Network
- System
- Firewall

1 — 2 — 3 — 4 — 5

Lan Settings Bridge settings Wireless settings WiFi 2.4G finish

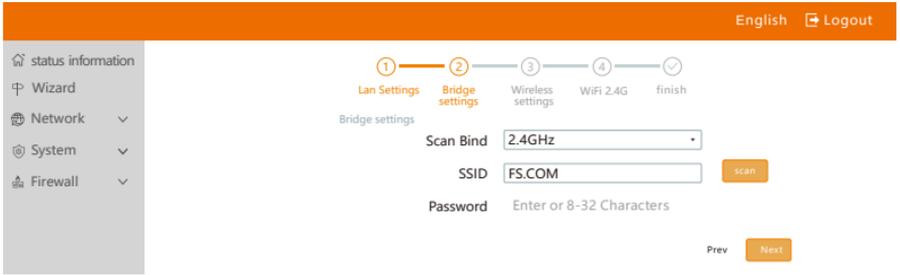
Lan Settings

| | |
|-------------|--|
| IP address | <input type="text" value="192.168.10.1"/> |
| Subnet mask | <input type="text" value="255.255.255.0"/> |

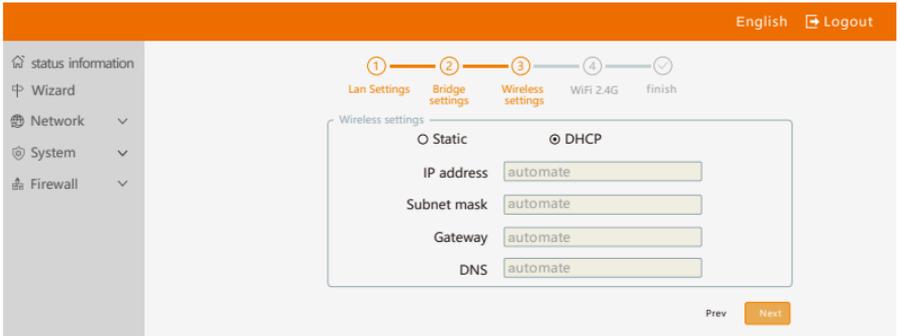
Next

Scan Results Refresh

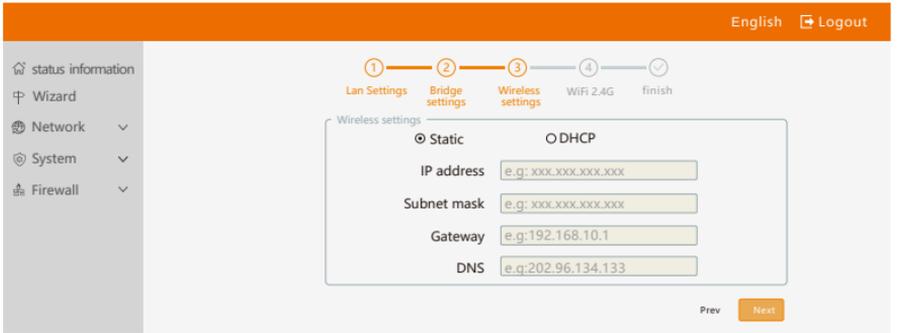
| NO. | BSSID | SSID | Channel | | Operation |
|-----|-------------------|---------|---------|--|-----------|
| 1 | 40:A5:EF:84:E6:34 | unknown | 1 | | |
| 2 | 40:A5:EF:84:DE:64 | unknown | 1 | | |
| 3 | 40:A5:EF:85:48:21 | unknown | 2 | | |
| 4 | 00:E0:4C:81:96:D1 | FS.COM | 2 | | |
| 5 | 40:A5:EF:84:E6:31 | unknown | 1 | | |
| 6 | 40:A5:EF:84:DE:61 | unknown | 1 | | |
| 7 | 40:A5:EF:80:97:36 | FS.COM | 2 | | |



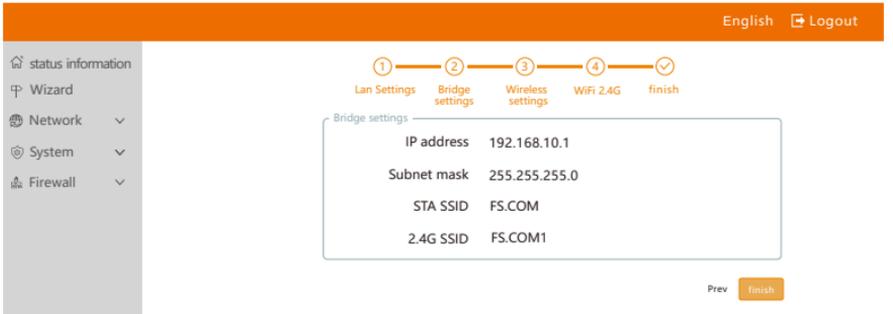
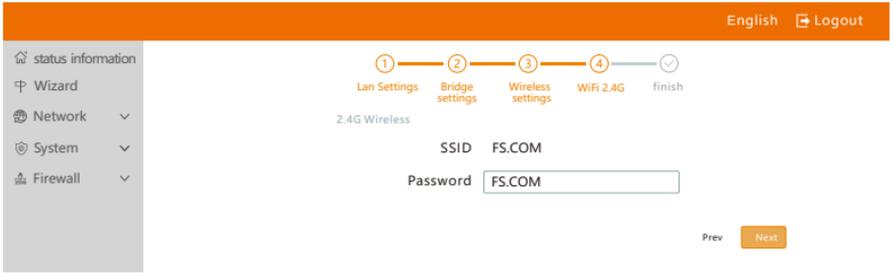
① Select “DHCP” and the device will automatically receive IP address segment from the upper network.



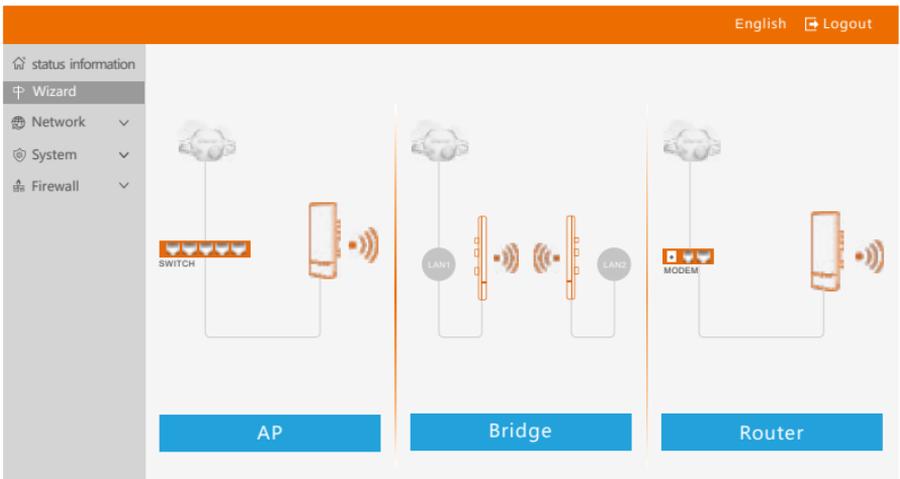
② Select “Static” and you need to manually input IP address and ensure that the segment should be the same as the upper network. (IP address can not be conflict with the upper network device.)



③ Set up SSID and password for this device and click “Next” to finish settings.



2.4.5 Router Mode: There are three ways to surf the internet which are PPPOE, Static and DHCP.



① PPPOE: It needs to fill in the account number and password, which are provided by ISP.

English Logout

status information
Wizard
Network
System
Firewall

1 2 3 finish
Wireless settings Lan Settings WiFi 2.4G

Wireless settings

PPPOE Static DHCP

User

Password

MTU

Service name

Next

English Logout

status information
Wizard
Network
System
Firewall

1 2 3 finish
Wireless settings Lan Settings WiFi 2.4G

Lan Settings

IP address

Subnet mask

Prev Next

English Logout

status information
Wizard
Network
System
Firewall

1 2 3 finish
Wireless settings Lan Settings WiFi 2.4G

2.4G Wireless

SSID

Password

advanced setting

Bandwidth

Country

Channel

Prev Next

English Logout

status information
Wizard
Network
System
Firewall

1 2 3 finish
Wireless settings Lan Settings WiFi 2.4G

Router

IP address 192.168.10.1

Subnet mask 255.255.255.0

2.4G SSID FS.COM

Prev finish

② Static: It needs to fill in IP address, Subnet Mask, Gateway and DNS, which are provided by ISP.

English Logout

status information Wizard Network System Firewall

1 Wireless settings 2 Lan Settings 3 WiFi 2.4G finish

Wireless settings

PPPoE Static DHCP

IP address e.g: XXX.XXX.XXX.XXX

Subnet mask e.g: XXX.XXX.XXX.XXX

Gateway e.g:192.168.10.1

DNS e.g:202.96.134.133

Next

English Logout

status information Wizard Network System Firewall

1 Wireless settings 2 Lan Settings 3 WiFi 2.4G finish

Lan Settings

IP address 192.168.10.1

Subnet mask 255.255.255.0

Prev Next

English Logout

status information Wizard Network System Firewall

1 Wireless settings 2 Lan Settings 3 WiFi 2.4G finish

2.4G Wireless

SSID FS.COM

Password FS.COM

advanced setting

Bandwidth 20MHz

Country China

Channel auto

Prev Next

English Logout

status information Wizard Network System Firewall

1 Wireless settings 2 Lan Settings 3 WiFi 2.4G finish

Router

IP address 192.168.10.1

Subnet mask 255.255.255.0

2.4G SSID FS.COM

Prev finish

③ DHCP: It needs to be allocated IP by the upper network device then you can surf the internet.

This screenshot shows the 'Wireless settings' step of a network configuration wizard. At the top, a progress bar indicates four steps: 'Wireless settings' (1), 'Lan Settings' (2), 'WIFI 2.4G' (3), and 'finish' (4). The 'Wireless settings' section is active, showing three radio buttons: 'PPPoE', 'Static', and 'DHCP' (which is selected). Below these are five input fields, all containing the text 'automate': 'IP address', 'Subnet mask', 'Gateway', and 'DNS'. A 'Next' button is located at the bottom right of the configuration box.

This screenshot shows the 'Lan Settings' step of the network configuration wizard. The progress bar at the top shows 'Wireless settings' (1), 'Lan Settings' (2), 'WIFI 2.4G' (3), and 'finish' (4). The 'Lan Settings' section is active, displaying two input fields: 'IP address' with the value '192.168.10.1' and 'Subnet mask' with the value '255.255.255.0'. 'Prev' and 'Next' buttons are positioned at the bottom right.

This screenshot shows the 'WIFI 2.4G' step of the network configuration wizard. The progress bar at the top shows 'Wireless settings' (1), 'Lan Settings' (2), 'WIFI 2.4G' (3), and 'finish' (4). The '2.4G Wireless' section is active, showing 'SSID' set to 'FS.COM' and 'Password' set to 'FS.COM'. Below this is an 'advanced setting' section with three dropdown menus: 'Bandwidth' set to '20MHz', 'Country' set to 'China', and 'Channel' set to 'auto'. 'Prev' and 'Next' buttons are at the bottom right.

This screenshot shows the 'WIFI 2.4G' step of the network configuration wizard, which appears to be a summary or confirmation screen. The progress bar at the top shows 'Wireless settings' (1), 'Lan Settings' (2), 'WIFI 2.4G' (3), and 'finish' (4). The 'Router' section is active, displaying the following configuration: 'IP address' 192.168.10.1, 'Subnet mask' 255.255.255.0, and '2.4G SSID' FS.COM. 'Prev' and 'finish' buttons are at the bottom right.

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