User Manual

Fit AP Web UI

IP-COM
World Wide Wireless

Preface

Thank you for purchasing IP-COM APs! Reading this user manual will be helpful for you to configure, manage and maintain the fit APs.

Intended Users

This user manual is written mainly for the following users:

Network Planning Engineer

Technical Engineer

Network Administrator

Conventions

This user manual is applied to the following fit APs and we will take AP255 as an example.

Product Series	Model
In-wall AP	AP205, AP235,AP255
Indoor Coverage AP	AP325, AP340, AP355, AP365
Outdoor Coverage AP	AP505, AP515

Typographical conventions in this user manual:

Item	Presentation	Example
Button	Bold	"Click the Save button" will be simplified as "click **Save**".
Menu	Bold	The menu "System Tool" will be simplified as **System Tool**.
Continuous Menus	>	Go to **System Tool** > **Diagnosis Tool**.

Symbols in this user manual:

Item	Meaning
⚠️ **Note**	This format is used to highlight information of importance or special interest. Ignoring this type of note may result in ineffective configurations, loss of data or damage to device.
💡 **Tip**	This format is used to highlight a procedure that will save time or resources.

For more documents

For more documents, please go to our website http://www.ip-com.com.cn and search for the appropriate product model to get the latest documents.

Technical Support

If you need more help, please contact us with any of the following ways. We will be glad to assist you as soon as possible.

Tel: (86 755) 2765 3089   E-mail: info@ip-com.com.cn   Website: http://www.ip-com.com.cn

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01 Web Login

After a fat AP is switched to fit AP, it will be managed by AC3000 automatically and you just need to deliver policies from AC3000 to the fit AP. Besides, when the fit AP is managed by AC3000, you can't login to the fit AP.

However, if the fit AP and AC3000 are in different networks, you need to log in to the fit AP for some settings.

To log in to the fit AP:

1. Deploy AC3000 and the fat AP in the same network and switch the fat AP to fit AP.

    For switching details, refer to the user manual of *AC3000 Multi-service Controller Web UI for Fit AP Management* and get the related configuration.

2. Log in to AC3000's first Web UI and go to **AP Management** > **Modify AP** to get the fit AP's IP address.

    Or restore the fit AP to factory default. If so, the fit AP's login address becomes: http://192.168.0.254:8080.

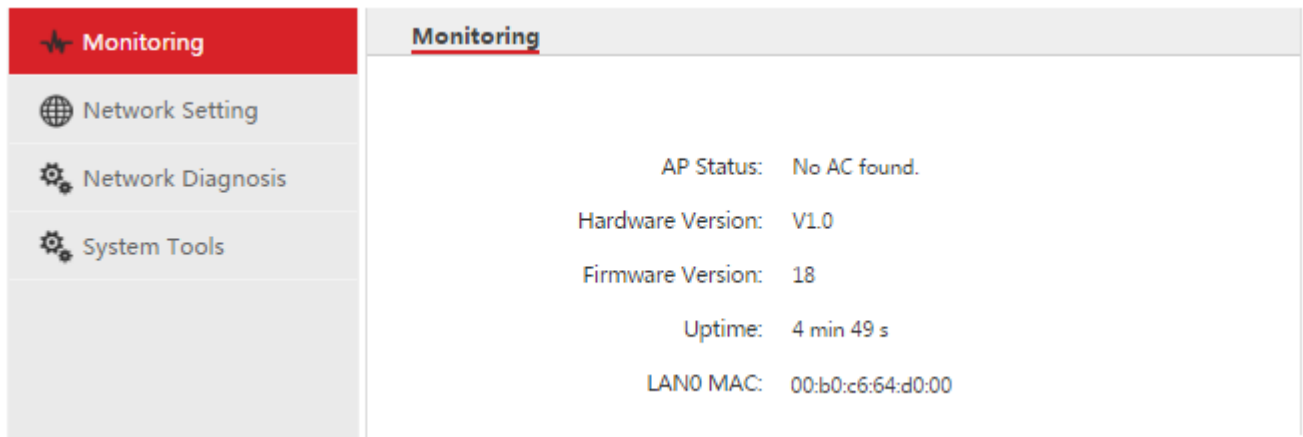   **Note**: In the following steps, assume that the fit AP is in factory default state.

3. Deploy the fit AP to its correct location (in a different network with AC3000) and connect a management PC to the fit AP.

4. Set up the PC's IP address as 192.168.0.X (X 为 2~253) and subnet mask as 255.255.255.0.

5. Launch a browser and enter http://192.168.0.254:8080 in the address bar, then press **Enter** or **Return**.
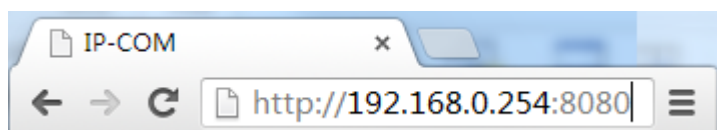
6. Enter default username and password (both are admin) and click **Log In**.
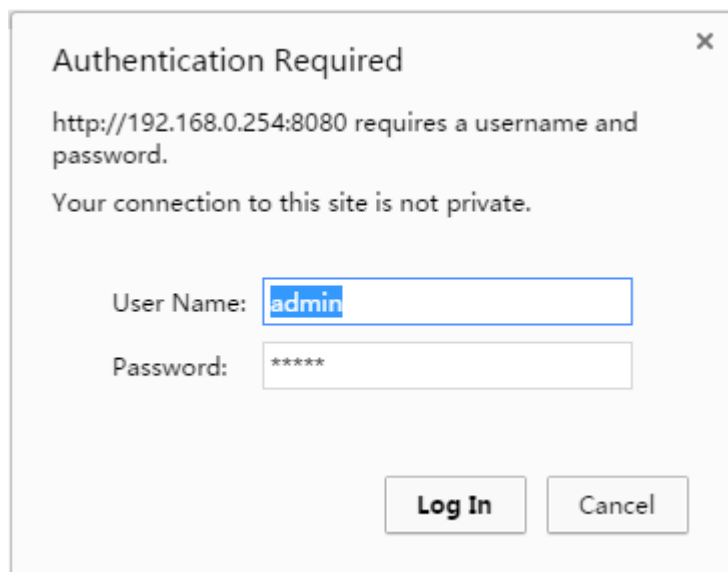
Then the following page appears.

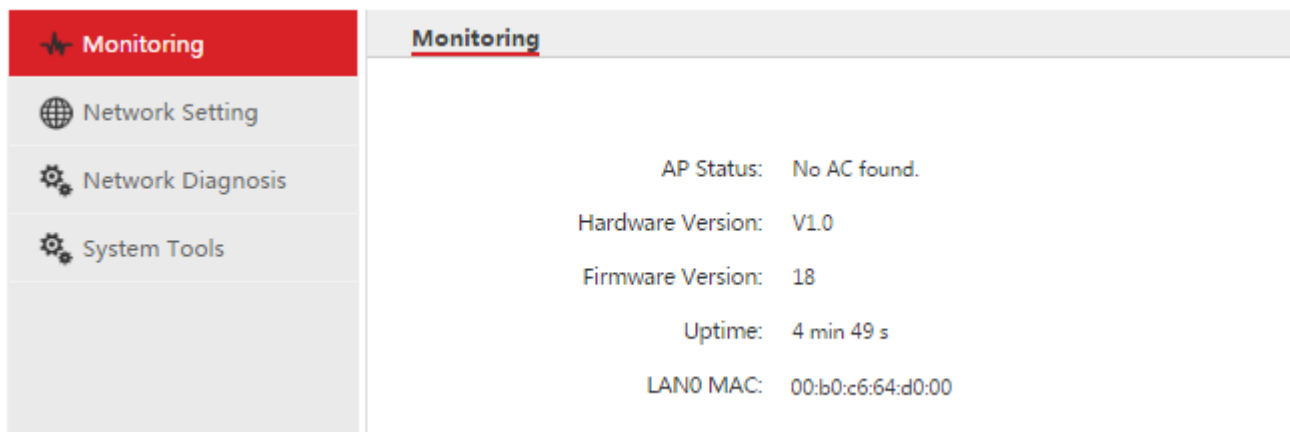| Monitoring		Monitoring
🌐 Network Setting		
⚙ Network Diagnosis		
⚙ System Tools		

AP Status: No AC found.

Hardware Version: V1.0

Firmware Version: 18

Uptime: 4 min 49 s

LAN0 MAC: 00:b0:c6:64:d0:00

Firmware Version: 18

02 Monitoring

On this page, you can see some system information about the fit AP, shown as follows.

Parameter Description:

Item	Description
AP Status	Display the connection status between the fit AP and AC. If you can login to the fit AP, it indicates that the fit AP is not connected to AC3000. But it can connect to other ACs.
Hardware Version	Display the fit AP's hardware version.
Firmware Version	Display the fit AP's firmware version.
Uptime	Display the duration of time that the fit AP has been running from last reboot. Uptime will be reset when the AP reboots.
LAN0 MAC	Display the fit AP's MAC address of LAN0.

03 Network Setting

It is used to set up network information of the fit AP.

Parameter Description:

Item	Description
Management VLAN	Enable or disable the fit AP's management VLAN.
VLAN ID	When you enable the fit AP's management VLAN, set up its VLAN ID. After you set up the VLAN ID, make sure both the AC and the management PC are in the same VLAN with the fit AP.
AC Management IP	Set up the AC's IP address. If the fit AP and AC are cross Internet, please enter the WAN IP address of the AC's gateway.
Address Type	• DHCP: If you select this option, the fit AP will obtain IP information from a DHCP server, probably the AC's DHCP server. • Static: If selecting this option, you need to configure the fit AP's IP information manually.

IP Address	Set up the fit AP's IP address. By default, it is192.168.0.254.
Subnet Mask	Set up the fit AP's setnet mask. By default, it is 255.255.255.0.
Default Gateway	Set up the fit AP's default gateway.
Primary DNS	Set up the fit AP's primary DNS address.
Secondary DNS	(Optional) It's a backup DNS address.

04 Network Diagnosis

It is used to detect whether a destination address is reachable.

Network Diagnosis		
Network Diagnosis:	Ping ▾	
IP Address/Domain Name:	192.168.0.123	
Number of Ping Packets:	5	Range: 1-10000
Packet Size:	32	Range: 1-60000 bytes

Start

```
--Result--
PING 192.168.0.123 (192.168.0.123): 32 data bytes
40 bytes from 192.168.0.123: seq=0 ttl=64 time=2.000 ms
40 bytes from 192.168.0.123: seq=1 ttl=64 time=1.000 ms
40 bytes from 192.168.0.123: seq=2 ttl=64 time=1.000 ms
40 bytes from 192.168.0.123: seq=3 ttl=64 time=1.000 ms
40 bytes from 192.168.0.123: seq=4 ttl=64 time=1.000 ms
--- 192.168.0.123 ping statistics ---
5 packets transmitted, 5 packets received, 0% packet loss
round-trip min/avg/max = 1.000/1.200/2.000 ms
```

Sidebar navigation: Monitoring, Network Setting, **Network Diagnosis**, System Tools

Do as follows:

1. IP Address/Domain Name: Enter a destination IP address or domain name, such as 192.168.0.123.

2. Number of Ping Packets: Set up the amount of ping request packets.

3. Packet Size: Enter the packet size of ping request. It is recommended to keep the default value.

    The unit is byte.

4. Click **Start**. Then you will get the results in the following box.

05 System Tools

It provides four system tools to maintain the fit AP.

Firmware Upgrade

It is used to upgrade a firmware for the fit AP.

⚠️ **Note**

When an AP firmware is upgrading, DO NOT power off the AP or it may cause damage to the AP! If a sudden power off occurs, please upgrade again. If you cannot log in to the AP's Web UI after a sudden power off, please contact our technical support engineer.

Do as follows:

1. Go to **System Tools** > **Firmware Upgrade**.

2. Click **Choose File** to upload the matched firmware.

3. Click **Upgrade**.

   It will take about 2 minutes. Then you can login to the fit AP and go to this page to check whether the upgrading is successful.

Restore Defaults

It is used to restore service configurations or default configuration to factory default.

Item	Description
Service Configurations	Reset the fit AP's settings except network settings. Network settigns includes: AP's management VLAN status (enable or disable), AP's management VLAN ID, AC's IP address, AP's IP address/subnet mask/gateway/DNS.
Default Configuration	Restore the fit AP to factory default.

↘ Restore to Factory Default through Web UI

If you want to clear service configurations or default configurations of the AC, do as follows:

1. Go to **System Tools** > **Restore Defaults**.

2. Select Service Configurations or Default Configuration.

3. Click **Reset** and follow onscreen instructions to restore the corresponding configurations to factory default.

↘ Restore to Factory Default by reset button

If you can't login to the fit AP, use the reset button to restore service configurations or default configuration to factory default. **Note**: The pressed time is different when you reset the two kinds of configurations.

• Reset Service Configurations by reset button

When the fit AP is powered on, press the reset button on the AP's panel for about 5 seconds.

Then wait for about 45 seconds to finish the process.

• Reset Default Configuration by reset button

When the fit AP is powered on, press the reset button on the AP's panel for about 15 seconds.

Then wait for about 45 seconds to finish the process.

Change Password

It is used to change the fit AP's login username and password.

Do as follows:

1. Go to **System Tools** > **Change Password**.

2. User Name: Enter the current login username.

3. Password: Enter the current login password.

4. New User Name: Enter a new login username.

5. New Password: Enter a new login password.

6. Confirm Password: Re-enter the password.

7. Click **OK** to apply your settings.

Reboot Device

Click **Reboot** to reboot the fit AP.

Reboot Device	Reboot