

# AP mode setting

1. Connect your computer with wifi signal USR-C210 of the module.
2. Input 10.10.100.254 in your searching engine and carriage return.
3. Enter user name "admin" and password "admin".
4. Select AP mode on WiFi specification page.

SSID: USR-C210 by default (can be corrected as your wish name).

Password: You can set your own ones.

IP: 10.10.100.254

Subnet mask: 255.255.255.0

Remember to save the settings.

The screenshot shows the Coolmay web interface for configuring the AP mode. The page is titled "WIFI模式选择" (WiFi Mode Selection) and "AP参数设置" (AP Parameter Settings). The interface is in Chinese and includes a sidebar with navigation options like "系统状态" (System Status), "WiFi参数" (WiFi Parameters), "透传参数" (Transparent Parameters), "附加功能" (Additional Functions), "系统管理" (System Management), "固件升级" (Firmware Upgrade), and "关于顾美" (About Coolmay). The main content area is divided into two sections: "WIFI模式选择" and "AP参数设置". In the "WIFI模式选择" section, the "模式选择" (Mode Selection) dropdown menu is set to "AP 模式" (AP Mode). In the "AP参数设置" section, the "网络名称 (SSID)" (Network Name (SSID)) is set to "USR-C210", the "网络密码 (8-63位)" (Network Password (8-63 characters)) is set to "NONE", the "网络IP" (Network IP) is set to "10.10.100.254", and the "子网掩码" (Subnet Mask) is set to "255.255.255.0". Below this, the "STA参数设置" (STA Parameter Settings) section is visible, with "网络名称 (SSID)" set to "USR-C210", "网络密码" set to "NONE", and "DHCP自动获取IP" (DHCP Auto Obtain IP) set to "Enable". A "保存" (Save) button is located at the bottom of the settings area. On the right side, there is a "帮助提示" (Help提示) section with the following text: "网络名称 (SSID): 1-32个字符, 区分大小写" (Network Name (SSID): 1-32 characters, case sensitive); "网络密码: AP的密码是8-63个字节, NONE为无加密, 区分大小写" (Network Password: AP's password is 8-63 bytes, NONE means no encryption, case sensitive); "DHCP自动获取IP: 打开此功能, 将从路由器获取IP; 关掉, 需要手动输入IP" (DHCP Auto Obtain IP: Turn on this function, IP will be obtained from the router; Turn off, manual input of IP is required).

Web: V2.3 固件: V2.2.3 English

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系统状态

WiFi参数

透传参数

附加功能

系统管理

固件升级

关于顾美

WIFI模式选择

模式选择: AP 模式

AP参数设置

网络名称 (SSID): USR-C210

网络密码 (8-63位): NONE

网络IP: 10.10.100.254

子网掩码: 255.255.255.0

STA参数设置

网络名称 (SSID): USR-C210 搜索

网络密码: NONE

DHCP自动获取IP: Enable

保存

帮助提示

- 网络名称 (SSID): 1-32个字符, 区分大小写
- 网络密码: AP的密码是8-63个字节, NONE为无加密, 区分大小写
- DHCP自动获取IP: 打开此功能, 将从路由器获取IP; 关掉, 需要手动输入IP

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##### 5. Parameter transparent page

Serial port setting: Do serial port setting as per you need and the serial port parameter of the communication module. For example, set baud rate as 9600 bps, data bits as 7 bit, check bit as Even, stop bit as 1 bit, fluid control and RS485 as NFC, SocketA as TCP-Server, port as 8899, and server address as 10.10.100.254. Remember to save.



6. Restart when completed settings.

7. The installation and settings of the virtual serial port are the same as the previous version.

# STA mode setting

1. Connect your computer with wifi signal USR-C210 of the module.
2. Input 10.10.100.254 in your searching engine and carriage return.
3. Enter user name "admin" and password "admin".
4. WiFi specification page

Mode: STA

STA parameter:

1, SSID: Set as wifi of the module location. Click "search" to see the connected network and select the proper one.

2, Password: Enter the password that module connected.

3, DHCP obtains an IP address automatically: Select "Enable" if module needs automatically to obtain an IP address. Select "Disable" if static IP, and assigned an available IP address. Click "Save".

The screenshot shows the Coolmay web interface for configuring the STA mode. The page title is "Coolmay 深圳市顾美科技有限公司 自动化方案专家". The interface is in English. The main content area is divided into three sections: "WIFI模式选择", "AP参数设置", and "STA参数设置".

- WIFI模式选择:** A dropdown menu is set to "STA 模式".
- AP参数设置:** Fields for "网络名称 (SSID)" (USR-C210), "网络密码 (8-63位)" (NONE), "网络IP" (10.10.100.254), and "子网掩码" (255.255.255.0).
- STA参数设置:** Fields for "网络名称 (SSID)" (coolmay123), "网络密码" (88888888), and "DHCP自动获取IP" (Enable). A "搜索" button is next to the SSID field, and a "保存" button is at the bottom.

Help提示 (Help提示):

- **网络名称 (SSID):** 1-32个字符; 区分大小写
- **网络密码:** AP的密码是8-63个字节, NONE为无加密; 区分大小写
- **DHCP自动获取IP:** 打开此功能, 将从路由器获取IP; 关掉, 需要手动输入IP

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5. Parameter transparent page

Serial port setting: Set as per you need and the serial port parameter of the communication module. For example, to set baud rate as 9600 bps, data bits as 7 bit, check bit as Even, stop bit as 1 bit, fluid control and RS485 as NFC.

6. Set SocketA as TCP-Client, port as 25565, and server address as 120.76.116.193. Click "Save".

Web:V2.3 固件: V2.2.3 English

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系统状态	类RFC2117功能	帮助提示
WiFi参数	RFC2117: Disable	<ul style="list-style-type: none"> <li>• 类RFC2117功能: 串口自动波特率功能; 请配合我公司的“CM-VCOM.exe”使用</li> <li>• 搜索命令字: 最长不超过20个字节</li> <li>• 注册包机制: 用于将ID/MAC/用户自定义注册包发送到服务器上; 仅在TCP client模式下生效</li> <li>• 注册ID: 1~65535</li> <li>• 用户自定义注册包: 长度不超过32字节</li> <li>• 顾美透传云: 设备ID: 20位 密码: 8位, 不足8位自动补0</li> </ul>
透传参数	局域网搜索	
附加功能	搜索端口: 48899	
系统管理	搜索命令字: www.usr.cn	
固件升级	注册包机制	
关于顾美	注册包内容: ID	
	注册包方式(仅对TCP): FIRST	
	注册ID (0-65535): 43589	
	自定义注册包(32字节以内): USR-C210	
	透传云ID(20位): 00000000000000000000	
	透传云密码(8字节以内): password	
	模块MID	
	MID: USR-C210	
	保存	

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## 7. Page of additional functions

### 1, Registration package: ID

Registration ID: To set as the ID provided by Coolmay. Each module has unique ID number.  
Save all settings.

Web:V2.3 固件: V2.2.3 English

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系统状态	用户名 & 密码	帮助提示
WiFi参数	用户名: <input type="text" value="admin"/>	<ul style="list-style-type: none"><li>• <b>恢复出厂设置:</b> 恢复出厂设置后, 所有用户的配置都将变为出厂时的默认参数, 您可以通过串口AT指令或者登录 <a href="http://10.10.100.254">http://10.10.100.254</a> 来重新配置。</li><li>• <b>重启:</b> 重新启动将重启设备, 如果有新的参数设置, 重启后设置参数将生效。</li></ul>
透传参数	密码: <input type="text" value="admin"/>	
附加功能	<input type="button" value="保存"/>	
系统管理	重启 & 恢复出厂设置	
固件升级	<input type="button" value="重启"/> <input type="button" value="恢复出厂设置"/>	
关于顾美		

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- Restart when completed all settings.
- Set up virtual serial port with virtual serial software.