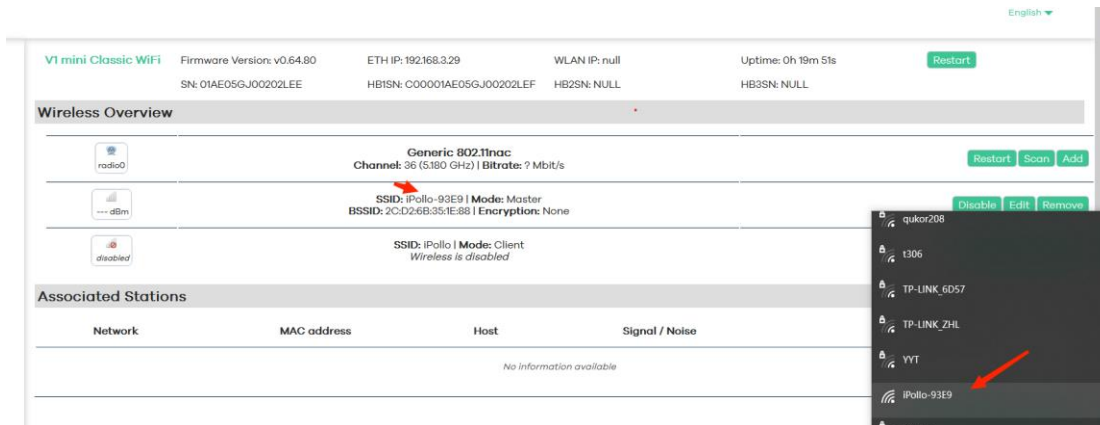


Wireless setup manual

1. As for the wireless configuration, AP mode is open by default. When the system is powered on, it will become a hotspot: SSID: iPollo-xxxx. And the suffix xxxx is different for each machine, since the last four digits of the wired MAC are used as a substitute. When there is no cable or wire at home, you can use your mobile phone to connect to the miner's AP hotspot, then you can enter 172.20.22.1 in the mobile phone's browser to enter the miner's management interface.



2. How to join other wireless hotspots

(1). Scan the available hotspots around the miner.



(2). Find home wifi and join

Join Network: Wireless Scan						
Signal	SSID	Channel	Mode	BSSID	Encryption	
-30 dBm	HUAWEI-OE1U3G	6	Master	D0:B4:5D:7A:BD:74	WPA2 PSK (CCMP)	Join Network
-32 dBm	ChinaNet-jt	13	Master	30:FB:BB:25:96:D4	WPA2 PSK (TKIP, CCMP)	Join Network
-44 dBm	CMCC-cShX	9	Master	34:36:54:37:17:8E	mixed WPA/WPA2 PSK (TKIP, CCMP)	Join Network
-50 dBm	CMCC-mPbv	13	Master	FC:F2:9F:F5:10:C6	mixed WPA/WPA2 PSK (TKIP, CCMP)	Join Network
-53 dBm	HUAWEI-OE1U3G_Wi-Fi5	6	Master	D0:B4:5D:FA:BD:79	WPA2 PSK (CCMP)	Join Network

(3) Tick the Replace wireless config and Lock to BSSID boxes.

In this step, please click * to check whether the password is filled in correctly. If the password is incorrect, the connection will not be successful.

After confirming that the password is correct, click the Submit button in the lower right

corner.

Joining Network: "HUAWEI-0E1U3G"

Replace wireless configuration
 Check this option to delete the existing networks from this radio.

Name of the new network: wwan
 The allowed characters are: A-Z, a-z, 0-9 and _

WPA passphrase: 123456789
 Specify the secret encryption key here.

Lock to BSSID
 Instead of joining any network with a matching SSID, only connect to the BSSID D0:B4:5D:7A:BD:74.

Create / Assign firewall-zone: wwan wan: wlan6:
 Choose the firewall zone you want to assign to this interface. Select *unspecified* to remove the interface from the associated zone or fill out the *custom* field to define a new zone and attach the interface to it.

Cancel Submit

(4) Continue to click the Save button in the lower right corner of the new pop-up interface.

Wireless Network: Client "HUAWEI-0E1U3G" (radio0.network1)

Device Configuration

General Setup **Advanced Settings**

Status: Mode: Client | SSID: HUAWEI-0E1U3G
 Wireless is not associated

Wireless network is enabled
 Disable

Operating frequency: Mode Band Channel

Maximum transmit power: driver default
 - Current power: unknown
 Specifies the maximum transmit power the wireless radio may use. Depending on regulatory requirements and wireless usage, the actual transmit power may be reduced by the driver.

Interface Configuration

General Setup **Wireless Security** Advanced Settings

Mode: Client

ESSID: HUAWEI-0E1U3G

BSSID: D0:B4:5D:7A:BD:78

Network: wwan
 Choose the network(s) you want to attach to this wireless interface or fill out the *custom* field to define a new network.

Dismiss Save

(5) After completing the previous step, go back to the main interface, and you can see that the new configuration has been set, and you need to click Save&Apply below to take effect.

V1 mini Classic WiFi Firmware Version: v0.64.80 ETH IP: 192.168.3.29 WLAN IP: null Uptime: 0h 32m 36s
 SN: 01AE05GJ00202LEE HBISN: C00001AE05GJ00202LEF HB2SN: NULL HB3SN: NULL
 Restart

Wireless Overview

radio0	Generic 802.11nac Channel: ? (? GHz) Bitrate: ? Mbit/s	Restart Scan Add
disabled	SSID: HUAWEI-0E1U3G Mode: Client Interface has 8 pending changes	Disable Edit Remove

Associated Stations


Network	MAC address	Host	Signal / Noise	RX Rate / TX Rate
No information available				


Save & Apply Save Reset

(6) Finally, wait for the miner connection process. When the connection is successful, you can see that the WLAN IP is no longer null, indicating that the connection is successful. If you still can't gain the IP after waiting for 30 seconds, please click Edit, then find "KEY" to check whether your password is entered correctly.

Vt mini Classic WiFi Firmware Version: v0.64.80 ETH IP: 192.168.3.29 WLAN IP: 192.168.3.39 Uptime: 0h 36m 15s [Restart](#)
SN: 01AE05GJ00202LEE HB1SN: C00001AE05GJ00202LEF HB2SN: NULL HB3SN: NULL

Wireless Overview

 **Generic 802.11nac** Channel: 149 (5.745 GHz) | Bitrate: ? Mbit/s [Restart](#) [Scan](#) [Add](#)

 **SSID: HUAWEI-0E1U3G | Mode: Client** [Disable](#) [Edit](#) [Remove](#)
BSSID: 2E:D2:6B:35:1E:88 | Encryption: WPA2 PSK (CCMP)

Associated Stations

Network	MAC address	Host	Signal / Noise	RX Rate / TX Rate
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Wireless Network: Client "HUAWEI-0E1U3G" (wlan0)

Device Configuration

[General Setup](#) [Advanced Settings](#)

Status

Mode: Client | SSID: HUAWEI-0E1U3G
BSSID: 2E:D2:6B:35:1E:88
Encryption: WPA2 PSK (CCMP)
Channel: 149 (5.745 GHz)
Tx Power: 12 dBm
Signal: 0 dBm | Noise: 0 dBm
Bitrate: 0.0 Mbit/s | Country: 00

Wireless network is enabled [Disable](#)

Operating frequency Mode Band Channel
Legacy 5 GHz 36 (5180 Mhz)

Maximum transmit power driver default - Current power: 12 dBm
Specifies the maximum transmit power the wireless radio may use. Depending on regulatory requirements and wireless usage, the actual transmit power may be reduced by the driver.

Interface Configuration

[General Setup](#) [Wireless Security](#) [Advanced Settings](#)

Encryption WPA2-PSK (strong security)

Cipher auto

Key [+](#)

802.11w Management Frame Protection Disabled

Enable WPS pushbutton, requires WPA(2)-PSK/WPA3-SAE

Note: Some wireless drivers do not fully support 802.11w. E.g. mwlwifi may have problems

[Dismiss](#) [Save](#)