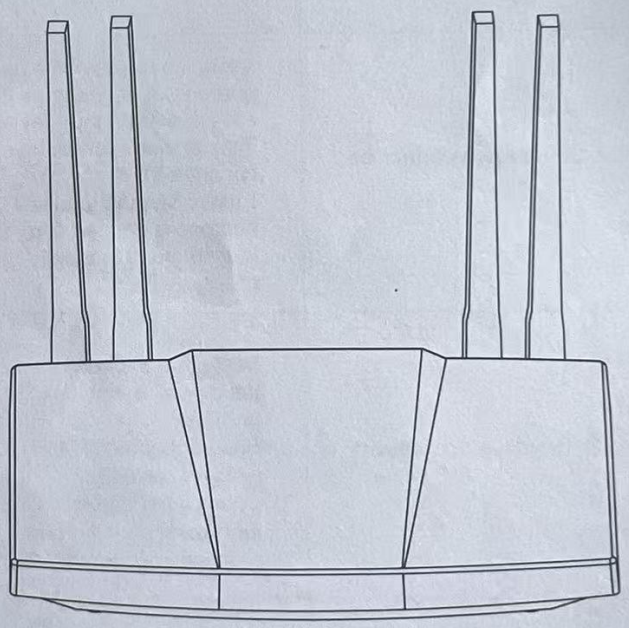
4G CPE MANUAL

CPE-L803A



USER MANUAL

OVERVIEW

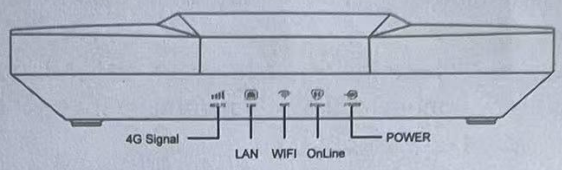
- Platform: ASR
  Interface: USB2.0 Type C
  WiFi: 2.4G
- SSID: L803A-XX6-XXXX
  Password: 12345678(Default)
- IP address: 192.168.8.1
  User / Password: admin

Note:

1. The USB input power supply is 5V1A.
2. Support button boot.
3. Support the WPS function. (Depending on model)
4. Support the restore factory Settings button.
5. Before using the Web UI management function, clear the browsing history of the browser.
6. Support DC12V input by adapter.
7. Support RJ45 Ethernet port.

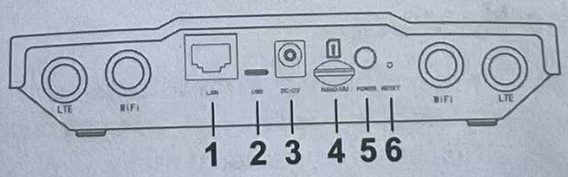
CPE INTRODUCTION

1. LED working introduction



LED	Working Status	LED Status
4G Signal	When insert SIM and connect Mobile Network	ON
LAN	When connect PC by RJ45 cable and work	ON
WIFI	When user connect Wifi network by CPE	ON
On Line	When SIM mobile network data working	ON
POWER	When CPE connect power Supply	ON

2. IO Port introduction



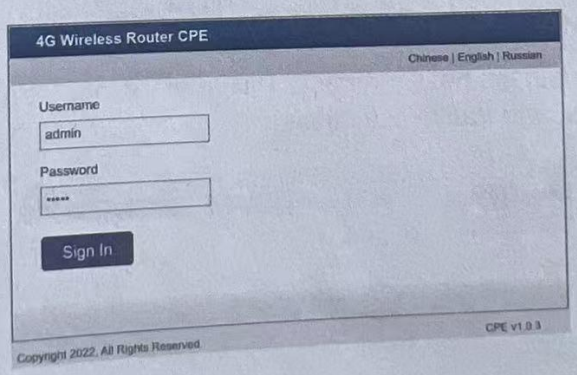
	Port/Button	Feature
1	LAN	Connect CPE with PC via network cable.
2	Type-C	USB-C can provide POWER and debug phone or upgrade phone
3	DC Jack	Connect DC 12V power adapter
4	SIM card Slot	Support nano SIM Card only
5	POWER Button	Switch on or off the CPE
6	Reset Key	Press and hold to restore factory settings

WEBUI MANAGEMENT SYSTEM

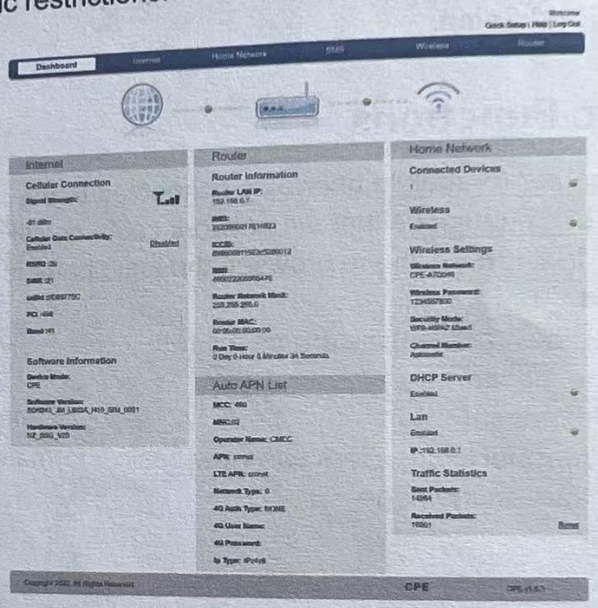
The Web UI management page supports mainstream browsers such as Internet Explorer 11 and later, Firefox, Chrome, and Safari.

1. Basic Functions

- The computer (or mobile phone) is connected to the device's WIFI hotspot either via network cable or WIFI. After entering 192.168.8.1 in the browser, the login page is displayed.
- The initial login credentials are as follows:
  Username: admin
  Password: admin
- Upon successful login, users can view basic information and device status on the page.

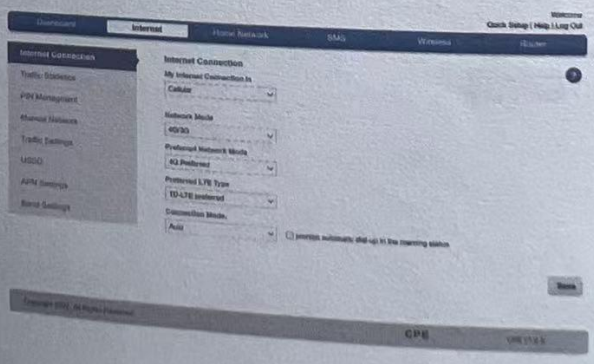


- Users can configure the following settings:
  ①Network mode. ②PIN management. ③Traffic statistics.
  ④Traffic restrictions.



2. Network Mode and Connection Status

- You can set the network mode, PIN management, traffic statistics, and traffic restrictions.



3. Internet APN setting function

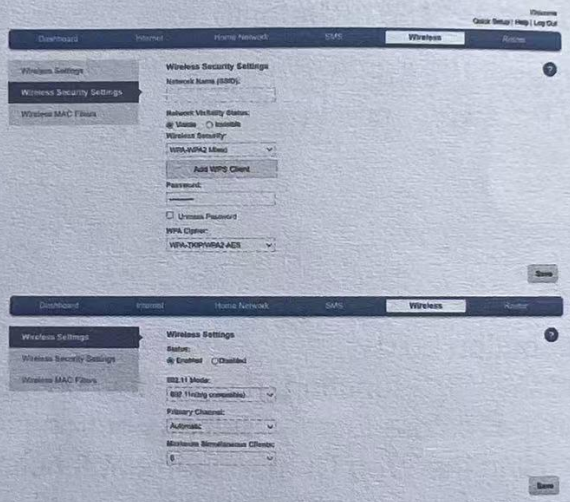
- APN Settings: Most carrier APN settings are preset on the device. When the APN is set to automatic selection mode, it is matched automatically.
- In some cases where the SIM card is specialized, automatic matching may not occur. In such instances, manual APN configuration is required:
  ① Deselect the automatic adaptation APN checkbox and click Save.
  ② If network access issues persist even after setting the APN according to the SIM card operator's requirements, you can attempt changing the authentication type.

4. Home Network

- This page allows you to configure the following settings:
  ①Gateway address of the device. ②IP address connected to this device. ③Number of connected devices. ④WiFi device connection limitation.

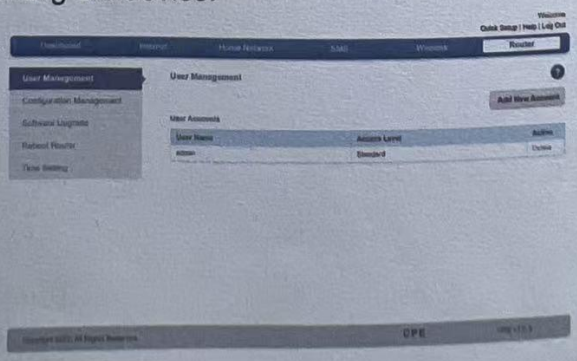
5. Wireless Settings

- Users can customize the following WiFi settings:
  ①WiFi network name (SSID) and password. ②Option to hide the WiFi network. ③Encryption type.
  ④Maximum number of simultaneous connections.



6. Router Management

- Users can access the following functions:
  ①Viewing account information. ②Restoring factory settings.
  ③Restarting the device.



7. Common Faults and Analysis

Faults	
The light doesn't work.	1. USB power supply: the voltage is 5V1A. 2. DC power supply: 12V.
The UI interface cannot be opened	1. Verify the status of the network port and USB to ensure they are functioning properly (check if the device's hotspot is connected). 2. Ensure that the gateway address is entered correctly or has not been manually changed.
The UI displays no network	1. Verify that the network mode of the device is functioning properly. 2. Ensure that the SIM card is working correctly. 3. Check if the traffic limiting function is enabled and properly configured.
The terminal device cannot connect to the device via WiFi	1. Confirm that the WiFi password is entered correctly. 2. Ensure that the WiFi function is enabled and the WiFi hotspot is not hidden. 3. Verify that the connected device is not included in the blacklist.

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.