

ONEX

USER MANUAL

RV WIFI ROUTER



Welcome!

THANK YOU FOR PURCHASING OUR COMPANY RV WIFI ROUTER. TO OPERATE THE RV WIFI ROUTER CORRECTLY, PLEASE READ THE USER MANUAL CAREFULLY BEFORE USING. KEEP THESE INSTRUCTIONS AND RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

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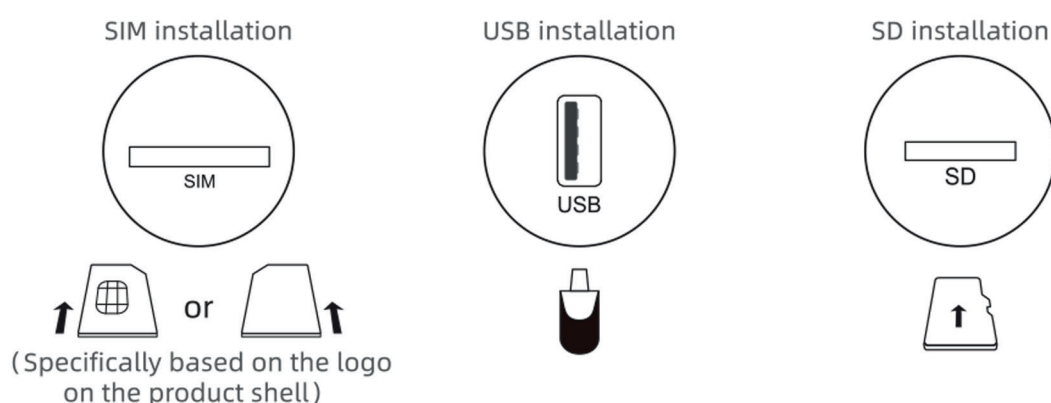
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Installation Guide

Before the device is powered on, put the SIM card (or the network card/SD card) into the SIM card slot as shown in the figure, then set it and power on start.

Remarks: The SIM card slot of this device only supports standard SIM card, Nano-SIM card and Micro-SIM card.

It needs to be restored to a standard SIM card with a ferrule to be inserted, otherwise the card will not be ejected internally (hot swapping is prohibited).



Common SIM card size diagram:



Standard SIM
size:15*25mm



Micro-SIM
size:12*15mm



NANO-SIM
size:9*12mm



hot swapping
is prohibited

Port and button:

DC	power port	Power adapter for the docking router
SIM	SIM slot	install the SIM card
Reset	reset button	Used to reset the router
WAN	External network interface	Connect the router to the external network (Light cat / ADSL cat / external network cable)
LAN	LAN interface	Wired device connected to the router
SD	SD slot	install SD/TF card
USB	USB port	External USB device

Indicator description:

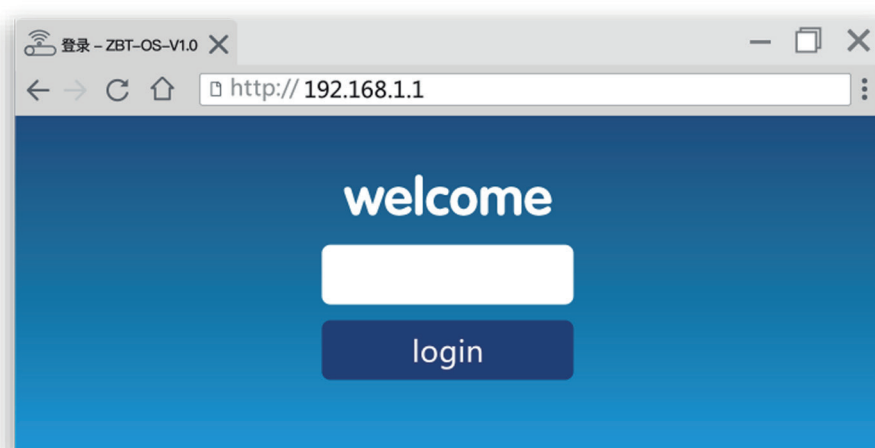
	The device is powered (always on)
	USB connection is successful (flashing)
	The external network connection is successful (flashing)
	Wired device connected successfully (flashing)
	WiFi boot (flashing)
	4G signal starts (flashing)
	2.4Gwifi startup (flashing)
	5Gwifi startup (flashing)

Login management page

The default SSID is "**WIFI-xxxxxx or WIFI-5G-xxxxxx**" (x means the last six digits of MAC address) , Wireless is not encrypted by default.

1 Log in through management IP

The default admin address of the device is "**192.168.1.1**" and the password is "**admin**". Open the browser and enter the default IP address "**http://192.168.1.1**", and then enter the default password to log in (**Google, firefox and Safari are recommended**).



Configure the native IP address

After logging in through the default IP, select "**Network**" → "**LAN**", and modify the device login IP address according to your own needs.

Home

Network

WiFi Setup

Advanced Setup

Service Application

WAN

3G/4G

LAN

DHCP

Terminal control

NAT Setup

IP address:

192.168.1.1

Subnet mask:

255.255.255.0

save

LAN port status information

Protocol type	IP address	MAC address	Current upstream flow	Current downstream flow	Total upstream flow	Total downflow	Elapsed time
static	192.168.1.1	78:A3:51:33:33:30	1.83KB	1.83KB	943MB	31.9MB	1h 30m 18s

in this page,you can set the network interface.

Configure Internet access

1 WAN setting

After logging in, select **"Network"** → **"WAN"** to set the Internet access mode. There are three Internet access modes: "automatic access / PPPoE/ fixed IP". Please choose the correct Internet access mode according to the requirements of broadband operators.

Automatic access to the Internet (default)

Select **"Auto Get"**, then the device will automatically get the IP address from an ISP (Network server provider). Select this connection method when your ISP does not provide any IP network parameters.

The screenshot shows the WAN configuration page with the '3G/4G' tab selected. The 'Protocol type' is set to 'automatic acquisition'. The 'First dns server' and 'Secondary dns server' fields are empty, with a note below them stating 'If not filled, the system default domain name server will be used'. A 'save' button is visible. Below the configuration fields is a table titled 'WAN type state' showing the current connection status.

Protocol	IP address	MAC address	Current upstream	Current downstream	Total upstream flow	Total upstream flow	Elapsed time
automatic acquisition	192.168.1.1	78:A3:51:33:33:30	1.83KB	1.83KB	943MB	31.9MB	1h 30m 18s

PPPoE dial-up

Select **"PPPoE dial"** and enter the account password provided by the operator. After saving, the account can be dialed automatically. After dialing successfully, the assigned IP address can be obtained for Internet access.

The screenshot shows the WAN configuration page with the '3G/4G' tab selected. The 'Protocol type' is set to 'PPPoE dial-up'. The 'PPPoEAccount' and 'PPPoEPassword' fields are empty. The 'First dns server' is set to '114.114.114.114' and the 'Secondary dns server' is empty. There are 'save', 'Disconnect', 'Reconnect', and 'Detection' buttons. Below the configuration fields is a table titled 'WAN type state' showing the current connection status.

Protocol	IP address	MAC address	Current upstream	Current downstream	Total upstream flow	Total upstream flow	Elapsed time
PPPoE dial-up	192.168.1.1	78:A3:51:33:33:30	1.83KB	1.83KB	943MB	31.9MB	1h 58m 18s

Fixed IP Internet access

Select the **"fixed IP"**, then input the IP/subnet mask/gateway provided by operator, then after saving.

The screenshot shows the 'WAN' configuration page with the '3G/4G' tab selected. The 'Protocol type' is set to 'static IP'. The following fields are filled: IP address (10.0.0.222), Subnet mask (255.255.255.0), gateway (10.0.0.1), First dns server (114.114.114.114), and Secondary dns server (empty). A 'save' button is present. Below the form, the 'WAN type state' table displays the current configuration and usage statistics.

Protocol	IP address	MAC address	Current upstream	Current downstream	Total upstream flow	Total upstream flow	Elapsed time
static IP	10.0.0.222	78:A3:51:33:33:30	1.83KB	1.83KB	943MB	31.9MB	2h 58m 8s

2 Set up 3G/4G Internet access

After inserting the SIM card, the system dials automatically, and **"3G/4G status information"** obtains relevant IP address, MAC address, traffic and other information, indicating that the dialing is successful.

The screenshot shows the '3G/4G' configuration page. The '4G first' toggle is set to 'OFF'. The 'APN Server (Optional)' field is empty. The 'Connect number', 'PIN code', 'Username', and 'Password' fields are also empty. A 'save' button is present. Below the form, the '3G / 4G signal' table displays the current signal status. The '3G / 4G Status Info' table displays the current status information.

4G	SIM Card Number	Device Type	IMEI	Signal Strength
CHN-CT	89860320747551114648	+SIM READY	867106037679781	

Device name/ IP address	MAC address	Total upstream traffic	Total downstream traffic	operation hours
eth2/10.28.48.182	00:A0:C6:00:00:00	16.2KB	16.2KB	--

reminding:

- The device supports WAN port and 3G/4G mode (special modules need to be installed or traffic charges should be paid)
- By default, if WAN port has no access line or WAN port is interrupted, all Internet data will go through 3G/4G network. When 4G is selected first, all the Internet data will go through 3G/4G network, and the failure of 3G/4G will switch to WAN port network.
- If 3G/4G operators have special requirements and need to fill in APN server related information. If APN cannot be accessed from the external network, the device will be restarted repeatedly. **"Advanced Settings" → "Execution Action" in "Network Watchdog" should be changed to "No action".**

Home | Security Settings | DMZ host | Network watchdog

Detection address 1 : Input the extranet ip address or domain name

Detection address 2 : Input the extranet ip address or domain name

Detection interval :

Execute action :

[save](#)

3 Set the wireless password

The wireless password is not set by default. It is recommended to change the wireless password for your network security.

Select **"Wireless Settings" → "2.4g"** to enable the wireless network, set the wireless name, set the encryption mode **[It is recommended to use WPA2(AES) encryption mode]** and the wireless password (to set the password, select **"2.4g Advanced Option"** and the password should be at least 8 digits), and click save.

2.4G | 5G | Tx power adjustment

2.4G Wireless configuration

Whether to enable : ☒ ON

2.4G SSID : [Hide wireless name](#)

encryption type :

2.4G Wireless password : [View](#)

band width :

country code :

WiFi channel :

Fragmentation Threshold : range : 256-2346

RTS/CTS Threshold value : range : 1-2347

WMM mode : ☒ ON

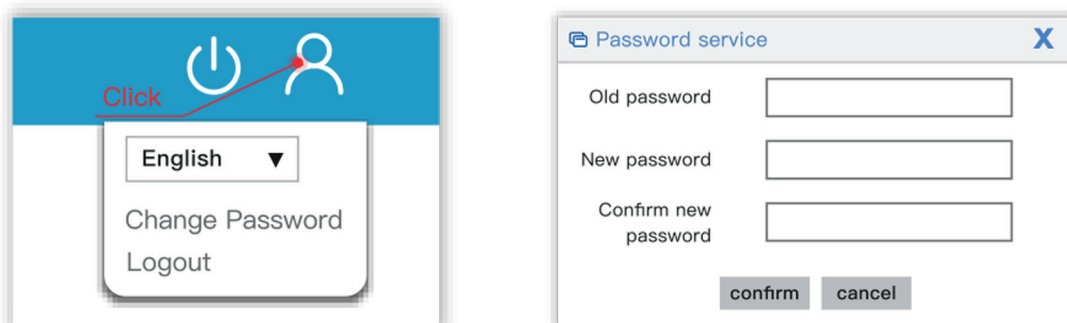
Isolated client : ☐ OFF

[Collapse 2.4G Advanced Options](#)

[save](#)

4 Change the system administration password

Click the "👤" icon to bring up a dialog box. Select the "Change Administrator Password" option to pop up the password service dialog box to make changes.

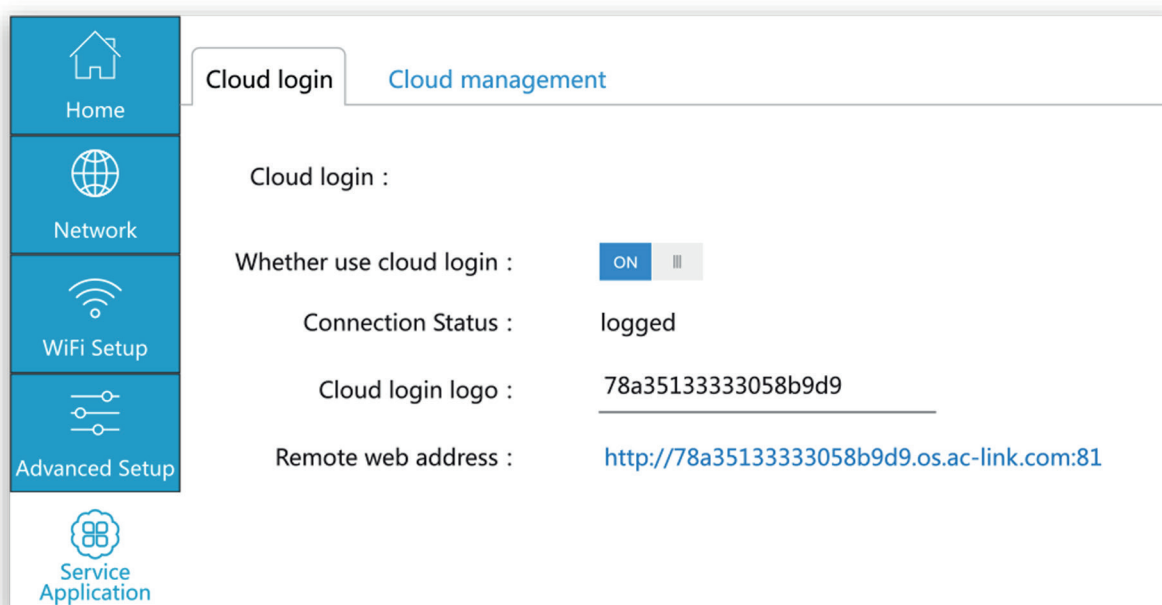


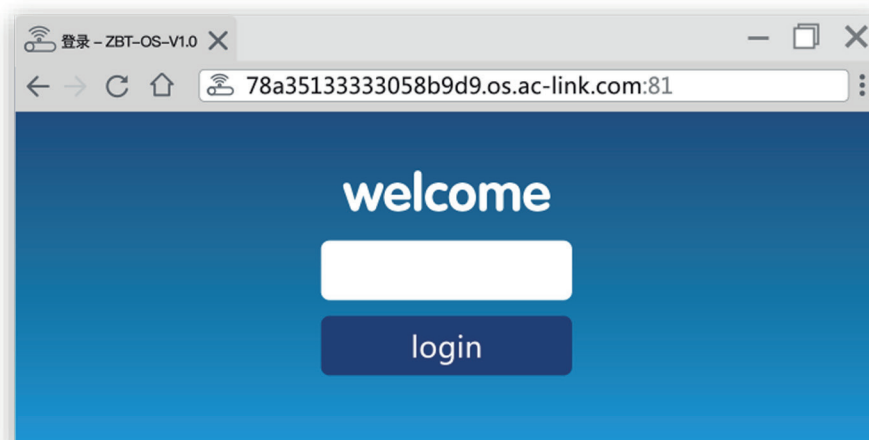
Enter a new password and click "Ok" to automatically jump to the login interface. Enter a new password to log in.

Cloud login

Cloud login can log in to the local setting page through the firewall, which is mainly used for remote management, remote assistance and so on.

The cloud login function is turned off by default. If this function needs to be enabled, "Select Service and Application" → "Cloud Login" interface enables the cloud login, and the cloud login address will be generated after it is enabled, as shown in the figure below: (<http://78a3513333058b9d9.os.ac-link.com:81>), Enter this url in your browser to log in remotely to the management device.

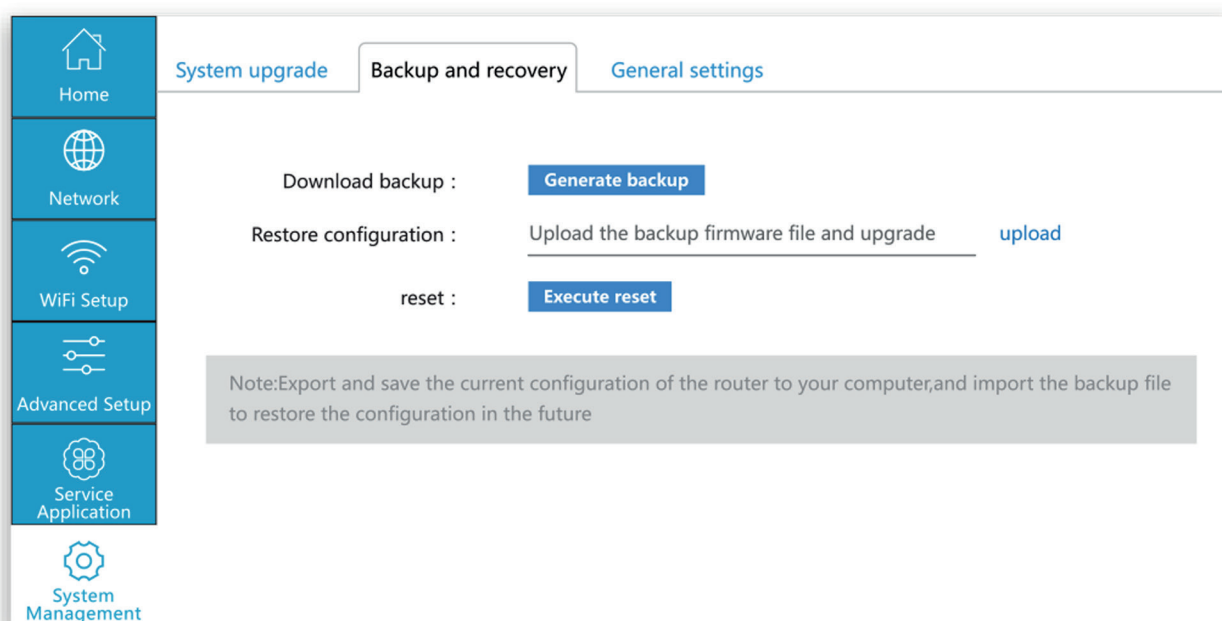




Factory reset

It is recommended to do factory reset when you forget the management password, cannot log in the device, or the device configuration is abnormal.

- Method 1: When the system is running normally, press the router's Reset button with a spike for more than 8 seconds and wait for the device to restart.
- Method 2: Select "**System Settings**" → "**Backup and Restore**", and click "**Reset**" button



FAQ

What is the default Web IP address and default password?

The router's default IP address is 192.168.1.1, and the default password is ADMIN.

How do I restore the router to factory Settings?

When the system is running normally, hold the router's Reset button with a spike for about eight seconds and wait for the device to restart To complete.

How to do if I forget my router admin password?

The router's default administrative password is ADMIN. Try logging in with the default password. If the default password is not available, please restore factory Settings before using the default password to log in.

Why plug in the external network cable to complete the quick setup, but still unable to access the Internet?

Replug and unplug the network cable connected to the external network port, and turn off and restart the GPON /ADSL modem/home gateway for 10 minutes, then try again later. Verify that the user name and password if are correct, and confirm the account number, password and payment to the network operator customer service.

Product warranty & Inquiries

The following conditions are not covered by the warranty replacement, please note:

- Unauthorized repair, unauthorized disassembly
- Product failure or damage caused by failure to install, use, maintain, or store in accordance with the instruction manual.
- Artificially injecting or tearing, altering the serial number of the product.
- Has exceeded the warranty, warranty period.

- External factors or human behavior lead to product damage, such as input inappropriate voltage, high temperature, liquid, mechanical damage, broken, severely oxidized or rusted, etc.
- Customer's damage caused by transportation during the repair process.
- Failure or damage caused by force majeure (such as fire, earthquake, etc.) or natural disasters (such as lightning strikes).
- Other failures or damages caused by problems other than product design, technology, manufacturing, quality, etc.

Warranty description

- Product warranty time is 1 year, the warranty method is for customer service, warranty replacement is limited to this machine, packaging, software production Product
- The power adapter has a warranty period of 1 year, such as the power adapter has obvious hard object damage, cracks, broken feet, serious deformation, damage to the power cord, disconnection, and bare core are not guaranteed, and users can purchase it themselves;
- The repaired machine, if it is under the warranty period, will continue to enjoy the warranty service; if it is less than 3 months from the end of the warranty period, the replaced product has a 3 month warranty from the date of replacement.
- The mailing fee for the returned product is the one-way responsibility of the sender.

User stub

In order to protect your rights and interests, please fill in carefully and keep it as a voucher for maintenance.

User Information: _____

Contact address: _____

Contact number: _____

E-mail: _____

Product certification

Model number: _____

QC: _____

date: _____



Note: The final interpretation right of this manual belongs to our company. There are product changes, which are subject to the actual product without prior notice!

1 year warranty from date of purchase. For warranty evaluation, the purchaser must return the product to the dealer.

Manufactured by Team Noble Limited - +86 755 85278182

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