

HDR1003G Indoor series User' s Manual

(V1.02)

Thanks for your concern on our HDR1003G indoor series WCDMA or EVDO Wireless Router. Please read and keep the user's manual carefully. It is more convenience for you to use our router.

We have reserves the right to amend the technical parameters of the user's manual. We will improve the user's manual and adjust the printing errors in time without notification in advance. All rights reserved by Shenzhen Headwlink Technologies Co., Ltd.

1.The main technical index of products

- Operating temperature: -30℃ -- +70℃
- Operating humidity: 5%--95%
- Operating frequency:

HDR1003GWUI:

WCDMA:(850)900/1900/2100MHz
GSM: 850/900/1800/1900MHz

HDR1003GWI+:

WCDMA:850/1900MHz & 900/2100MHz
GSM: 850/900/1800/1900MHz

HDR1003GEI:

EVDO 800MHz & 800/1900MHz

- Power supplier:
Input 100V~240V , 50Hz~60Hz
Output 12V , 500mA
- Dimensions:141mm*116.7mm*29mm
- Weight: ±240g

The rate and network mode:

1). HDR1003GWUI:

WCDMA: DL 7.2Mbps, UL 5.76Mbps

2).HDR1003GWI+:

WCDMA: DL 14.4Mbps, UL 5.76Mbps

3).HDR1003GEI:

EVDO:DL 3.1Mbps, UL 1.8Mbps

2. The installation instructions:

A.Take out the wireless router, as shown below, insert the USIM card in the card slot, when heard "Kacha", it showed that the USIM card was insert successfully.



- Please using standard RJ45 cable for the connecting.
- Rotating the router antenna to the vertical angle of router.
- Connection the power supplier then the router will turn on automatically.The router will finished initialization in about 1~2 minutes.

Attention: 1. Please do not insert USIM card when connected with the external power supplier.

2. Please do not contact the mental surface, it will damage the card.

3.The router antenna only support rotating 180 °, do not rotating 360°.

3. About Router

Our router can work in WCDMA/EDGE/GPRS/GSM or EVDO/CDMA 1X, support data transit and short messages. Do not has voice communication.

3.1 About interface



Interface type	Interface application	Remark
POWER	Power interface, the standard accessory. Input 6~15V .	Please use our matching power supplier

		(matching accessory). The other power will
RESET	Reset button, stay press to about 7 second will restore to factory settings	Restore factory settings will clear all the user' s parameters. It is not a prior option.
LAN1~LAN4	Ethernet interface, for connecting	
SIM	USIM card slot, insert USIM card as the mentioned instruction.	Please do not insert USIM card when connected with the external power supplier.

3.2 Indicator light



Indicator light Type	Status	Description
LAN1/LAN2/LAN3/LAN4	Off	Not connected computer
	Flicker	Connected computer
SMS	Off	All messages read
	On	New message arrived (please check through router configuration)
WLAN	Off	WIFI swift off
	On	WIFI swift on
	Flicker	Data transit via WIFI
SIGNAL	Off	No signal (signal strength will show on router configuration)
	Red	Low signal
	Yellow	Medial signal
	Green	Strong Signal

LTE	Off	Unregistered network
	On	Registered network
	Flicker	Data transiting
POWER	Off	Abnormal,power off
	On	Normal status, power on

4. About internet

Our router supports standard RJ45 cable or wireless WLAN connection to computer without install any drivers. Windows XP,Windows 7, Windows 8, MAC OS, Linux, Android available.

4.1 Before using

When using the internet, please check the following:

- The USIM card is inserted into the card slot
- The power indicator light is on
- Signal indicator light displays yellow or green
- LTE indicator is on

4.2 About connection to the computer

Our router supports connection via standard RJ45 cable or WIFI. When using WIFI, please check the SSID and WIFI password in the bottom of our router. Each SSID and WIFI password is unique. No matter what way user take for connection, please set to the mode: obtain IP address automatically.

4.3 About landing the router

When obtain the IP address, enter "192.168.0.1" on the browser then the user's name and password to login router configuration setting. The default user's name is "admin" password is "admin"

Please user the following browser:

- IE 7 or above.
- Firefox 3 or above.
- Safari 4 or above.
- Opera 10 or above.
- Chrome 10 or above.

5. About router configuration

Please make sure that the router is in normal running and is connected with the computer when configure router. A part of the configure parameters have to set under operators advise, if take the error parameters, the internet would be out of service. Long press "reset" button restore to factory settings.

Stair menu	Second menu	Operation instruction
Information service	Running status	For checking running time,LTE network information, SIM card details, WAN, LAN details and WAN information
	Terminal table	For checking users' MAC address and IP address.

Device Setting	Traffic Statistics	For checking the traffic statistics, flow information is under operator' s service.
	Version information	For checking the software and hardware information
WAN Setting	<p>Network mode: wireless network and PLMN mode optional</p> <p>User have the selection in 4G/3G/2G network. 4G is the fastest,3G medium, 2G slowest.If in multiple selection can set the priority network, the router could register to the priority network once the it is the fastest. Default setting is in multiple selection, 4G preferred.</p> <p>PLMN is the default setting. User can activated manual option if necessary. Manual option need searching the available PLMN in advance.</p> <p>IPV4/IPV6: setting IP stack of the router.Default setting is IPV4/IPV6 dual stack.</p> <p>APN: Setting dialing access.It is under operator' s advise. If amending may not gain the internet service. Better without any adjustment.</p> <p>PIN: Setting USIM card' s PIN1 code and PUK code. If the USIM card activate PIN1 code or PUK code,please insert the codes. Otherwise, the router do not support dialing.</p> <p>MTU setting: setting MTU, It' s needs professionals' selection. otherwise will lead to network anomaly.</p> <p>Senior setting: Select the router performance priority mode to increases router' s running. But it will increases</p>	

WLAN Setting		power consumption and heat. It is needs professionals' selection.
		<p>WLAN setting: Town on / off function of WIFI, view / change WIFI SSID,password, encryption, channel etc. User can modify router WIFI SSID, password and encryption methods. It takes the current channel in use.Channel could be modify.</p> <p>WLAN Senior Setting: Support modify WIFI RTS and transmit power. It is needs professionals' selection. otherwise will lead to WIFI anomaly.</p>
DHCP Setting		<p>DHCP Setting: setting router DHCP and IP information. Once DHCP turned off,user have to setting IP parameter manually, can not obtain IP address automatically.</p> <p>Reserved address: reserved address only effective in DHCP server,select [add] to make fixed MAC address and IP address. The fixed IP address will only be assigned to the MAC address of the computer.</p>
SMS	New SMS	Edit and send messages
	In box	View messages
	Draft box	View drafted no-send messages
	Sent box	View sent messages
Fire wall	Filtering rules	<p>Default setting: setting up firewall filtering rules.</p> <p>Port filtering: settings port filtering</p> <p>IP filtering: Setting IP address filtering</p> <p>MAC filtering: Setting MAC address filtering</p>

		URL filter: Setting website address filtering
	MAC binding	Binding IP and MAC address
	Port mopping	Setting port and IP mopping
	Speed limit	Setting speed limit rule, only IP address limit currently
System Management	System setting	Modify Password: modify the password to login router configuration Restore factory settings: Lead the router to factory settings. System time settings: Setting time of the router.
	System Log	View System log
	System upgrade	System upgrade have to download upgrade file to the computer. Tar.gz and tar.lzma available.If the other format, may need to decompress. When user finished download upgrade file, need upload to router. Meanwhile, have to upload MD5 verification code. Then, select upgrade. User' s previous configuration will not clear.
	Restart	User can restart router
	Online service	View self-help files for router