



# User Manual

## 4G LTE WiFi Router CPE B30

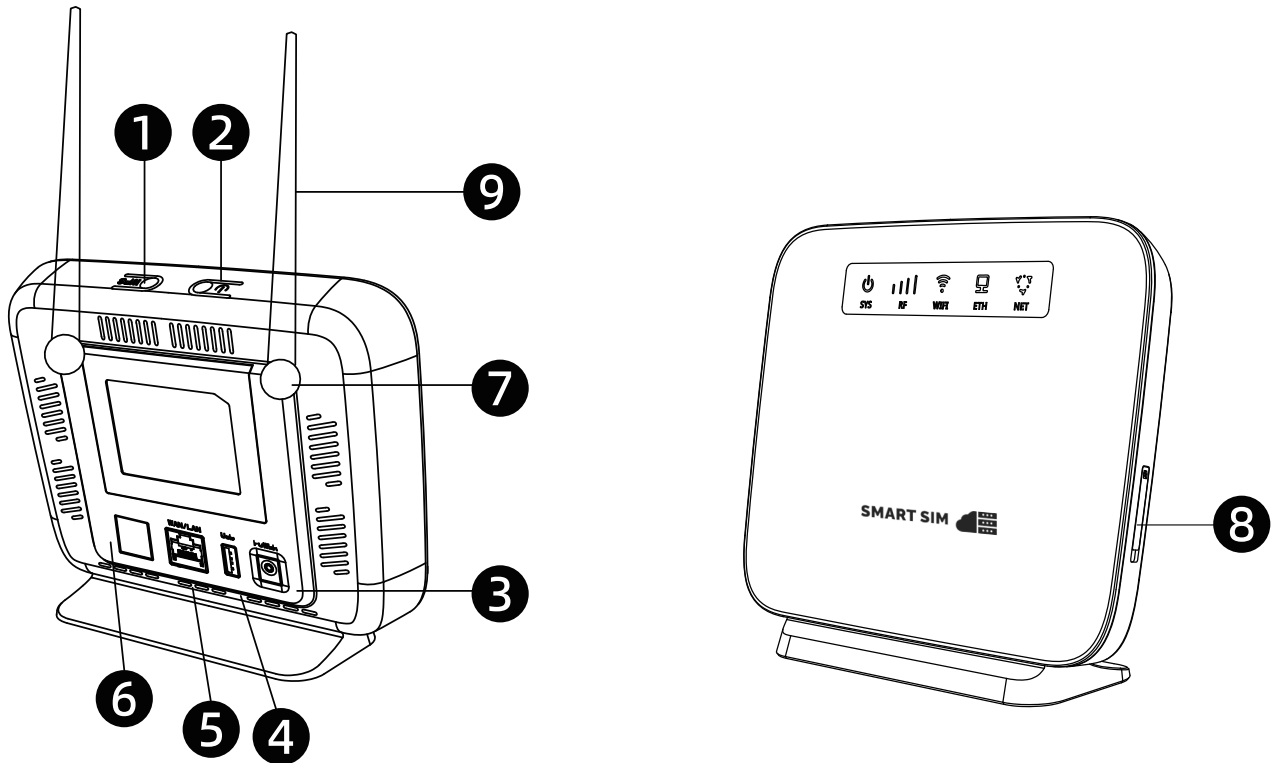
Please read this user manual carefully and keep it for future reference.  
Should you encounter any problem, please contact us by the following e-mail.  
All technical questions can be answered through our knowledge base.  
[info@smartsimtech.com](mailto:info@smartsimtech.com)

# Contents

<b>Hardware Overview</b>	1
Back Panel	1
LED Indicators	2
<b>Specification</b>	3
<b>What's In the Box</b>	4
<b>Installation</b>	4
<b>How to Top-Up &amp;Cancel</b>	5
<b>How to Connect Network</b>	8
<b>Login</b>	9
<b>Features</b>	9
Firewall	9
Port Filtering	10
Port Forwarding	10
Port Mapping	11
Network parameters	11
Data usage statistics	12
DHCP Setting	13
Steps for Connecting Security Camera	13
<b>Safety Instructions</b>	17
<b>Warranty Regulation and Liability</b>	18
<b>Contact Us</b>	19

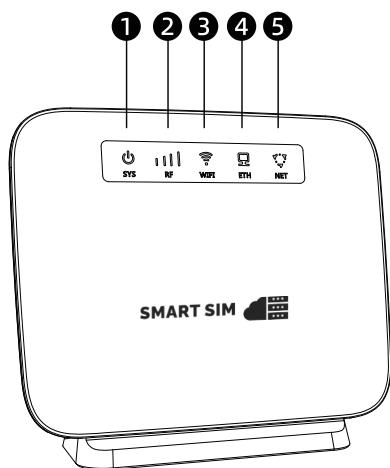
# 1. Hardware Overview

## 1.1 Back Panel



1. **Power Button:** Press the power button to Switch On/Off
2. **WPS Button:** Press for 3-5 seconds to start WPS process
3. **Charging Port:** Connect to AC power adapter
4. **USB 2.0 Port:** Use to upgrade software and data transmit
5. **100Mbps WAN/LAN Ports:** Connect to Ethernet WAN devices
6. **Reset Button:** Press for 5 seconds to reset to factory default settings
7. **External Antenna Ports:** Connector for external antennas
8. **SIM Card Slot:** Insert Network SIM card
9. **Antenna:** 2 External antennas and 2 built-in external antennnas

## 1.2 LED Indicators



- 1. SYS:** Power Indicator
- 2. RF:** Signal Strength Indicator
- 3. WIFI:** Wi-Fi/ WPS Indicator
- 4. ETH:** WAN/LAN Indicator
- 5. NET:** Wireless Network Indicator

1	SYS	BLUE	Power ON
		OFF	Power OFF
2	RF	BLUE	Show Signal Strength
		OFF	NO SIM card
3	WIFI	BLUE	Enabled
		OFF	Disabled
		Flash	New Wi-Fi User connected
4	ETH	BLUE	WAN/LAN network connected
		OFF	WAN/LAN network disconnected
5	NET	BLUE	4G/3G Network connected
		OFF	NO Network connection
		Flash	ETH and 4G/3G both connected

## 2. Specification

**Support 4G/3G network:**

**4G LTE:** B2/4/12/17

**WCDMA:** B2/5

**LTE Data Throughput:** LTE CAT4 150Mbps DL, 50Mbps UL

**MIMO:** 2x2

**WiFi standard:** 300Mbps, 2.4GHz, 802.11 b/g/n

**WiFi Max Client Number:** Up to 32 connected users

**Interface:** 1\*WAN/LAN, 10/100Base automatic adaptive port

**Battery:** 3000mAh

**SIM Slot:** SIM Card Included

**Antennas:** 2 Internal+2 External antennas

**Support:** TR069/Fota/IPv4/IPv6/Data Statistics/SNTP/

DMZ/Mac/IP Address Filter/Port Forwarding/Port Mapping

**Size:** 132.5x150x50.3mm

**Coverage of Country:** United States, Canada



### 3. What's In the Box



4G LTE WiFi Router



Charging Adapter



Detachable Antenna



Ethernet Cable

### 4. Installation

#### Charge the battery

If the unit has not been used for a long time or the battery is completely depleted, the unit may not be powered up immediately after the charger is plugged in. Please charge the battery for two and half hours before trying to turn it on.

#### Note:

1. Use supplied 12V 1A charger to charge this unit. Using an incompatible charger or a charger from an unknown manufacturer may cause the WiFi Router failure, or even fire.
2. USB port is only connected for data transmit.

## **Power on**

Press and hold the power button for 3-5 seconds until power turns on.

## **5. How to Top-Up &Cancel**

- ① Scan the QR code on your mobile camera OR visit the URL below

### **QR Code:**



### **Subscription Link:**

<http://topup.smartsimshop.com>

- ② Enter the ICCID number of the device.

How to Enter ICCID number?

Find the ICCID number on the back of the device. It should be a 20-figure number.

Single

Multiple

Enter the ICCID number

How to find ICCID?

Top-up

- ③ Enter your order number of WiFi device on Amazon, it would improve after-sale customer service for you.

### How to Find Your Amazon Order Number?

1. Go to “Account & Lists” first
2. Click “Orders” from “Your Account”
3. Find order number of WiFi device

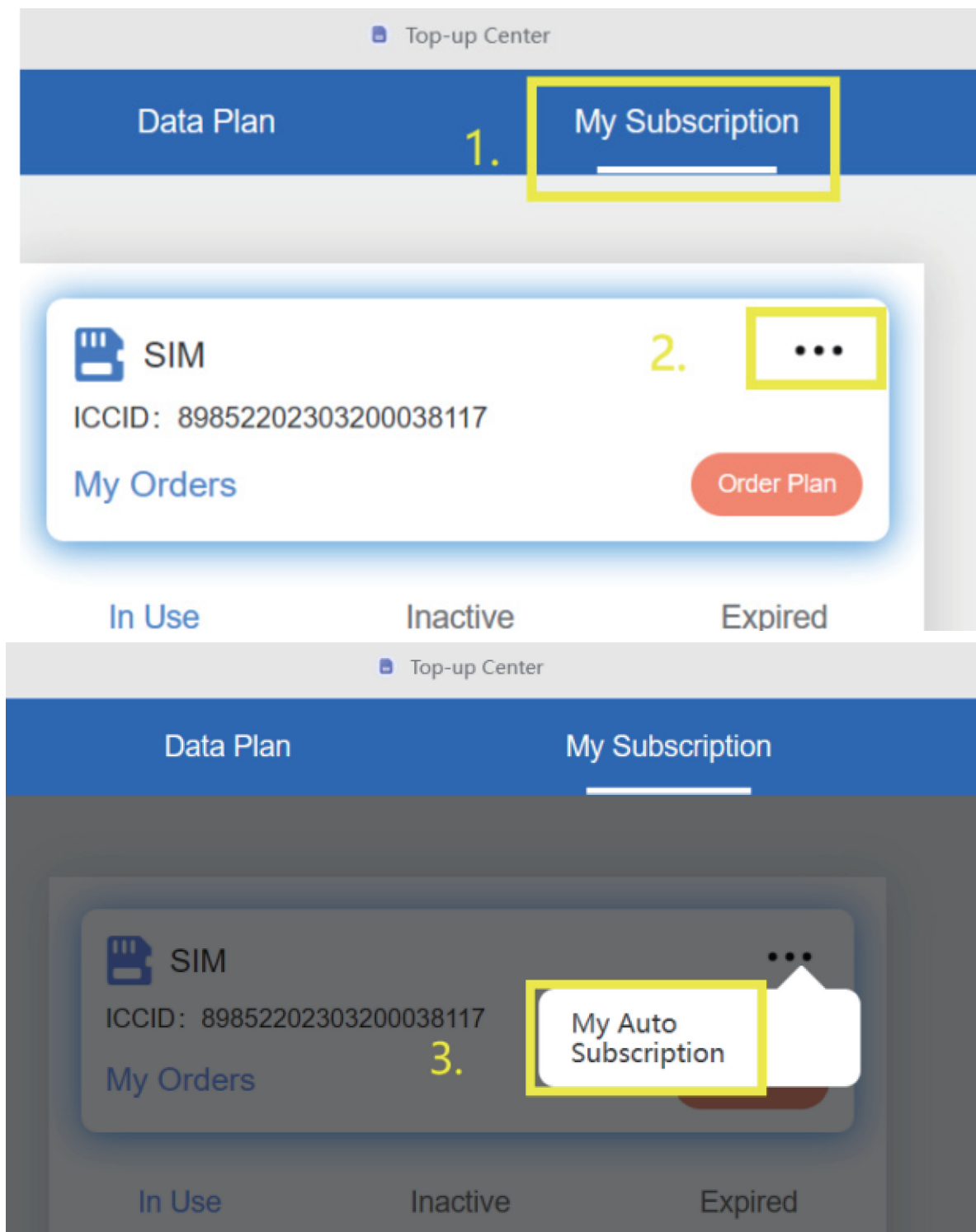
The screenshot shows the Amazon website interface. At the top, the 'Account & Lists' menu is highlighted. Below it, the 'Your Account' section is visible, with 'Your Orders' selected. The 'Your Orders' page shows a list of orders, with the 'Orders' tab selected. A specific order is highlighted with a blue box, showing the order number 111-7307046-1933830.

- ④ Select the service plan you desire and be ready to go.



## ⑤ How to Cancel the Auto Subscription?

1. Go to your Top-up Center and find “My Subscription”
2. Click the button “...” and “My Auto Subscription”, then cancel it.
3. If you need any help with cancellation, please feel free to contact us at [info@smartsimtech.com](mailto:info@smartsimtech.com)



## 6. How to Connect Network

### Connect Network Via WiFi

1. Switch on the device by pressing and holding the power button for 3-5 seconds.
2. Find WiFi Name (SSID) and Password (WiFi Key) on the back of the device.
3. Use the normal WiFi application on your computer or mobile device to connect. Select the Mobile WiFi network (SSID) , click Connect and enter the WiFi password (secure WiFi network key).
4. The device will need about one or two minutes to connect to the network according to the WiFi. Check the display for connection status.

Congratulations – you now have internet access via Smart Sim WiFi Router 4G.

### Note:

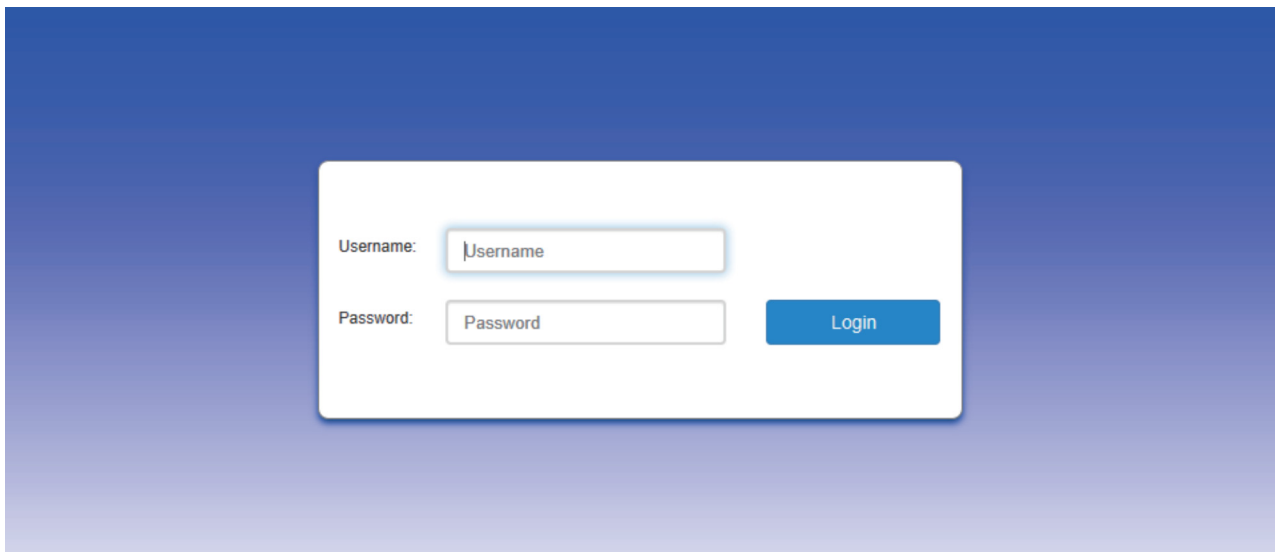
- \*Manual WiFi connection must be required for the first time.
- \*The device will automatically connect to WiFi next time when powered on.
- \*Supported devices are including mobile phone, iPad, laptop, computer, etc.

### Connect Network Via WAN/LAN

Connect Ethernet cable to WAN/LAN port, then connect to your device, network will connect automatically.

## 7. Login

Enter IP address of the router (192.168.0.1) in web browser address bar to access Web interface. When the login page is displayed, enter the user name and password to Log in. User name and Password is random and at the back of the device.

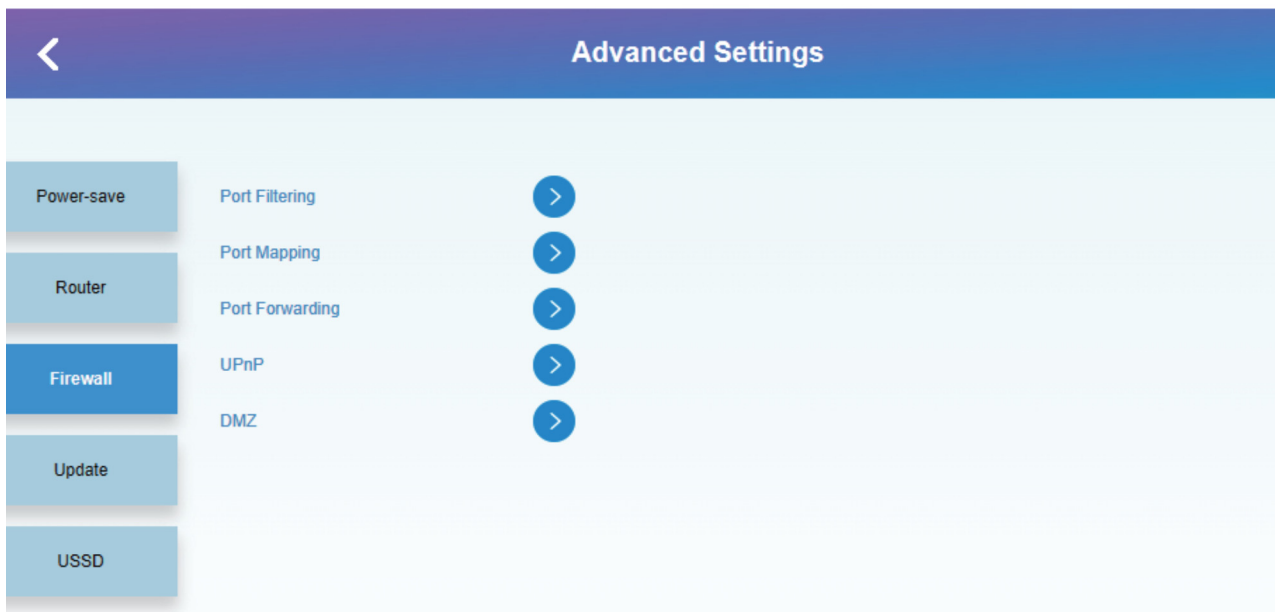
A screenshot of a web browser displaying a login page for a router. The page has a blue gradient background. In the center, there is a white rectangular box with rounded corners. Inside this box, there are two input fields: the top one is labeled 'Username:' and contains the placeholder text 'Username'; the bottom one is labeled 'Password:' and contains the placeholder text 'Password'. To the right of the password field is a blue button with the text 'Login' in white.

## 8. Features

### Firewall

Advanced Setting -> Firewall

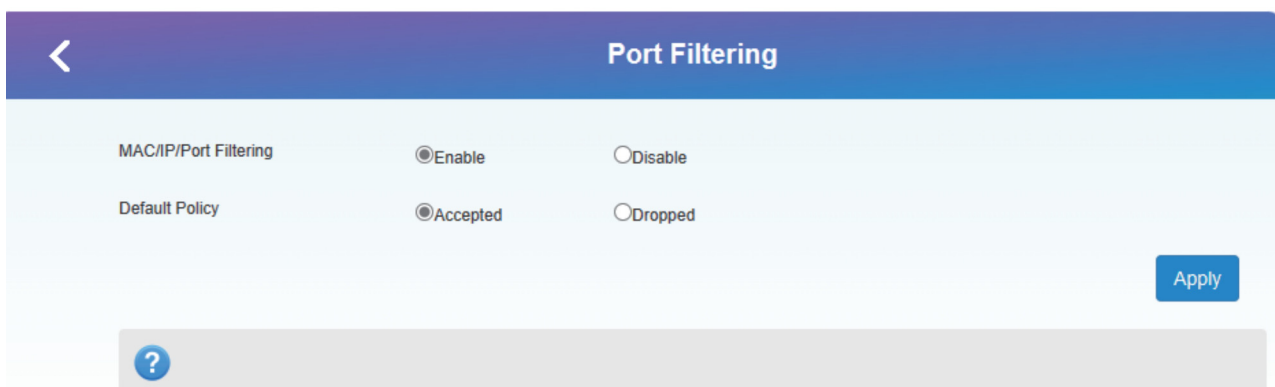
Your router's high-performance firewall continuously monitors internet traffic, protecting your network and connected devices from malicious internet attacks.



## Port Filtering

Advanced Settings -> Firewall -> Port Filtering

You can configure port Filtering with MAC address.



## Port Forwarding

Advanced Settings -> Firewall -> IP pass through Port Forwarding allows you to direct incoming traffic from WAN side (identified by Protocol and External port) to the internal server with private IP address on the LAN side. The internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side.

?

### Port Forwarding Settings

IP Address *	<input type="text"/>	(e.g., 192.168.0.101)
Port Range *	<input type="text"/> - <input type="text"/>	(1~65535)
Protocol	TCP+UDP ▼	
Comment *	<input type="text"/>	

Apply

## Port Mapping

Advanced Settings -> Firewall -> Port Mapping

You can configure a Port Mapping to enable external computers to access WWW, FTP or other services provided by LAN.

?

### Port Mapping Settings

Src. Port *	<input type="text"/>	(1~65000)
Dest. IP Address *	<input type="text"/>	(e.g., 192.168.0.101)
Dest. Port *	<input type="text"/>	(1~65000)
Protocol	TCP+UDP ▼	
Comment *	<input type="text"/>	

## Network parameters

like RSRQ, RSRP, PCI, SINR: Home

Information	
Device Information	Status Information
Data Limit Settings	
	MSISDN
	IMEI
	Model Number
	IMSI
	Network Provider
	Network Type
	Roam
	LTE Band
	RSSI
	RSRP
	SINR
	RSRQ
	Cell ID
	PCI
	PLMN
	E-ARFCN
	Network Name(SSID)
	Max Access Number
	Wi-Fi Coverage
	Frequency (Channel)

**Data usage statistics( showing timestamp,RX and TX ):**  
 Home Page ->Router Information -> Data management ->Data  
 limit setting

<

Information

Device Information

Data Limit Settings

Data Management

☒ Enable

☐ Disable

Data Type

☒ Data

☐ Time

0MB Used

0MB of remaining

When reached 0%, OMB to remind me

0MB Data Plan

Not set

Data usage is approximate only. For actual usage, please refer to your network operator.

Clear

Apply

## DHCP Setting

## Advanced Setting -> Router

Power-save

Router

Firewall

Update

USSD

DDNS

Advanced Settings

Router

IP Address \*

192.168.0.1

Subnet Mask \*

255.255.255.0

MAC Address

DHCP Server

☒ Enable

☐ Disable

DHCP IP Pool \*

192.168.0.100

192.168.0.200

DHCP Lease Time \*

24

hour(s)

Apply

## Steps for Connecting Security Camera

- 1. Check the user manual of Camera to get the default IP address, for example: 192.168.0.1**

2. Access to 192.168.0.1 to login WEB UI of B30, Click "Advanced Settings > Router", and change the DHCP IP pool to "192.168.1.100-192.168.1.200" and then apply and save it

The screenshot shows the 'Advanced Settings' page for a router. On the left, there is a sidebar with buttons for 'Power-save', 'Router' (selected), 'Firewall', 'Update', 'USSD', 'DDNS', and 'Others'. The main content area is titled 'Router' and contains the following settings:

- IP Address \*: 192.168.0.1
- Subnet Mask \*: 255.255.255.0
- MAC Address
- DHCP Server: ☒ Enable ☐ Disable
- DHCP IP Pool \*: 192.168.0.100 - 192.168.0.200
- DHCP Lease Time \*: 24 hour(s)

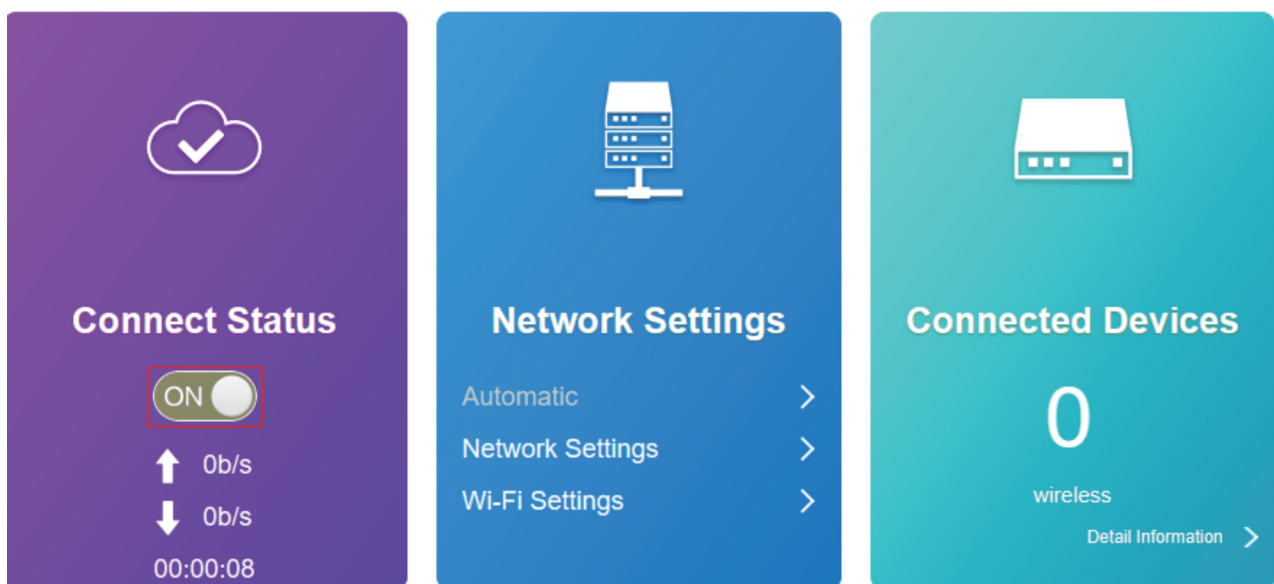
An 'Apply' button is located at the bottom right of the settings area. Below the settings, there is a grey bar with a question mark icon.

Click "Apply" button, and the router will be restarted

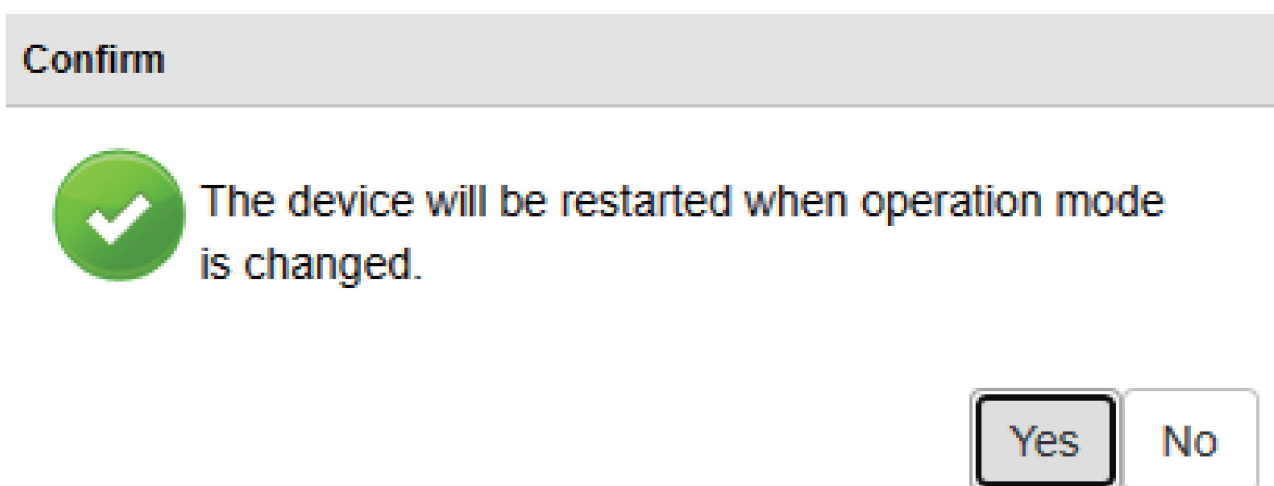
The screenshot shows a 'Confirm' dialog box with a green checkmark icon. The text inside reads: "Your settings will take effect after restarting your device. Do you want to continue?". Below this, a note states: "Note: Click Yes to submit the request and restart the device. If you choose No, it means that you give up the current operation." At the bottom right, there are two buttons: "Yes" and "No".



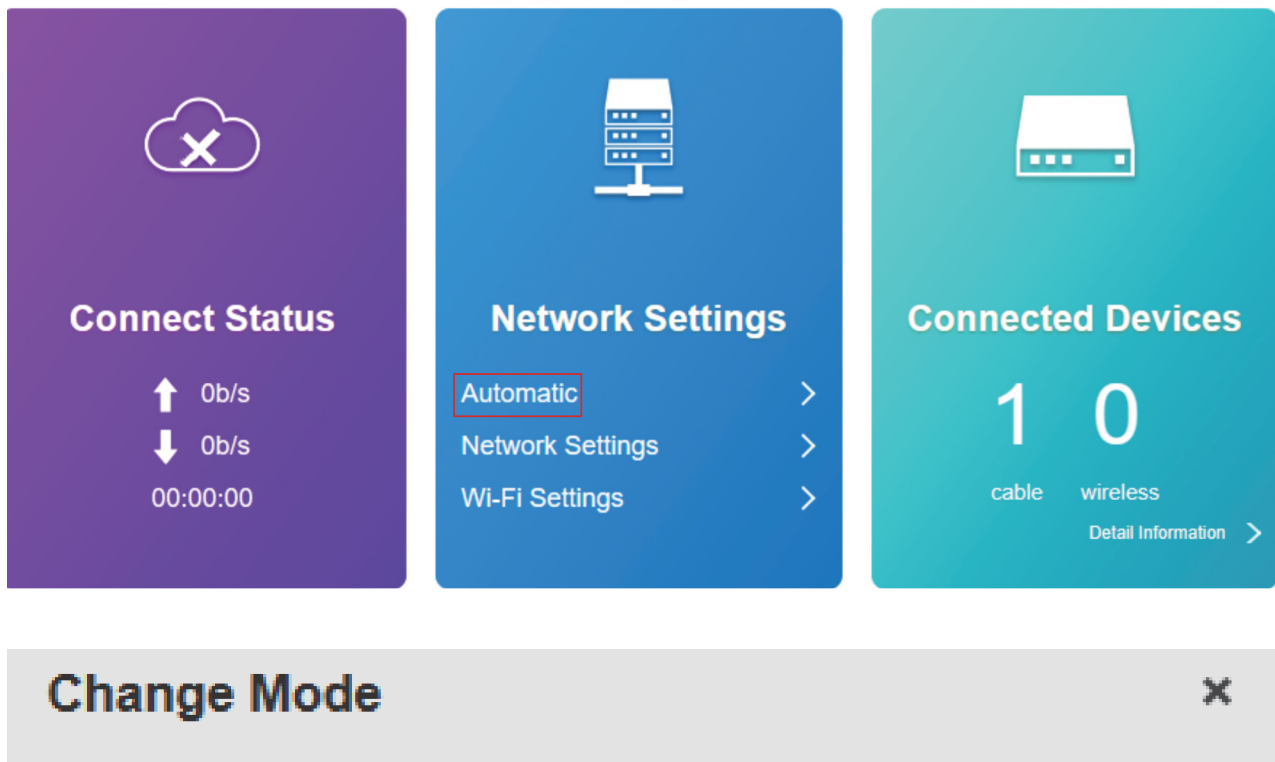
### 3. Click the “ON” button to switch the Connect Status OFF



Click "Yes" to restart the router



### 4. Click “Automatic” to change the default Mode “Automatic” to “Wireless Broadband Cable”, click “Apply”



- ☐ Cable Broadband Mode
- ☒ Wireless Broadband Mode
- ☐ Automatic

## 5. Connect the Camera to the LAN Port of B30 Router.

Input “192.168.1.64” (the IP address of Security camera) on browser, and then you can access the management interface of Camera via connection to the camera.

## OS Compatibility Report

Operation System	Support
OS Windows 7 32/64-bit	Yes
OS Windows 8 32/64-bit	Yes
OS Windows 8.1 32/64-bit	Yes
OS Windows 10 32/64-bit	Yes
OS Windows 10.7 32/64-bit	Yes
OS Windows 10.8 32/64-bit	Yes
OS Windows 10.9 32/64-bit	Yes
OS Windows 10.10 32/64-bit	Yes
OS Windows 10.11 32/64-bit	Yes

**The list is subject to change without prior notice**

## 9. Safety Instructions

Prior to installation, ensure all power going to the router has been cut off. Keep away from flammable, explosive materials. Do not dismantle or scrap by force. Children should be supervised to ensure that they do not play with this equipment. Indicates that the product must not be processed with household waste. It must be brought to an electric and electronic waste collection point for recycling and disposal.

By ensuring the appropriate disposal of this product you also help in preventing potentially negative consequences for the environment and human health. The recycling of materials helps preserve our natural resources. For further information regarding the recycling of this product, please contact your municipality, local waste disposal centre or the Amazon where the products was purchased.

## **10. Warranty Regulation and Liability**

### **Terms and Conditions**

Smart Sim grants a standard 12-month warranty. The terms of this warranty begin from the date marked on the purchase invoice. Smart Sim will only perform warranty service when the faulty unit is returned to Smart Sim along with a copy of the invoice issued by the dealer. In addition, the type label of the unit must be fully legible. If these requirements are not fulfilled, Smart Sim reserves the right to deny warranty service.

### **Exclusion of Liability**

Warranty claims are excluded for direct or indirect damage due to:

1. Use of unit in ways not intended, improper installation and installation that does not comply with standards, improper operation and unauthorized modification to the units, or repair attempts.

2. Missing serial number.
3. Operating the units with defective protective equipment.
4. Influence of foreign objects and force majeure.
5. Inadequate ventilation.
6. Non-observance to relevant safety instructions.

## 11. Contact Us

Note: Check live data usage on "My Subscription"

Please email us if you want to switch your own SIM card.

Email: [info@smartsimtech.com](mailto:info@smartsimtech.com)

Office Hours: Monday - Sunday

9:00AM CST- 6:00PM CST



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

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 interference received, including interference that may cause undesired operation.

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 interference to 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.

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& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.