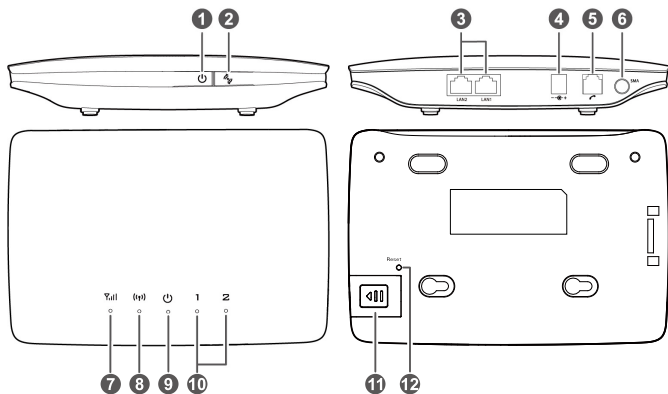








B68L Wireless Gateway Quick Start



1 Getting to know your B68L



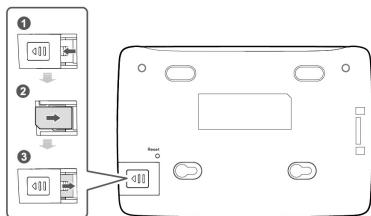
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- | | | |
|----------|---|--|
| 1 |  | Press and hold for about 3 seconds to power the B68L on or off. |
| 2 |  | Press and hold for 3 or more seconds to active WPS connection when Wi-Fi is turned on. |
| 3 | LAN port | Connect to computer, switch, or other LAN device. |
| 4 | Power port | Connect to compatible power adapter. |
| 5 | Telephone port | Connect to telephone. |
| 6 | External antenna port | Connect to external antenna. |
-

<p>7</p>  <p>Network mode indicator</p>	<ul style="list-style-type: none"> ● Fast red blinking: no SIM/USIM card is found, the PIN is not verified, or the SIM/USIM card is not working properly. ● Steady yellow: registered with a 3G/2G network. ● Steady green: connected to the Internet. ● Off: no signal.
<p>8</p>  <p>Wi-Fi/WPS indicator</p>	<ul style="list-style-type: none"> ● Steady on: Wi-Fi turned on or data transfer in progress. ● Blinking: a WPS connection is being set up. ● Off: Wi-Fi turned off.
<p>9</p>  <p>Power indicator</p>	<ul style="list-style-type: none"> ● On: the B68L is powered on. ● Off: the B68L is powered off.
<p>10</p>  <p>LAN indicator</p>	<ul style="list-style-type: none"> ● Steady on: LAN port is connected to a client. ● Off: no client is connected to LAN port.
<p>11</p> <p>SIM/USIM card slot</p>	<p>Install a SIM/USIM card to access to the Internet via a 3G/2G data connection.</p>
<p>12</p> <p>Reset button</p>	<p>i Restoring the default settings of the B68L will erase all previous settings.</p> <p>When the B68L is powered on, use a sharply pointed object to press and hold for about 3 seconds until all indicators are blinking to restore the B68L to its factory settings. After the factory defaults are restored, the B68L will restart automatically.</p>

2 Installation

Installing the SIM/USIM card

1. Slide off the card slot cover.
2. Insert the SIM/USIM card into the card slot. Ensure that the beveled edge of the SIM/USIM card aligns with that of the card slot.
3. Close the card slot cover.



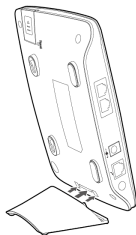
i Before removing the SIM/USIM card, ensure that the B68L is powered off and disconnected from the power outlet.

(Optional) Installing the table stand

i The table stand is an optional accessory, and may not be included in the packaging box. If required, please contact your local dealer to purchase it.

You can place the B68L on a flat surface such as a table or a desk, or hang it on a wall. You can also use the table stand of the B68L to place it upright.

Insert the latches into the table stand slots on the bottom of the B68L.



(Optional) Installing the external antenna

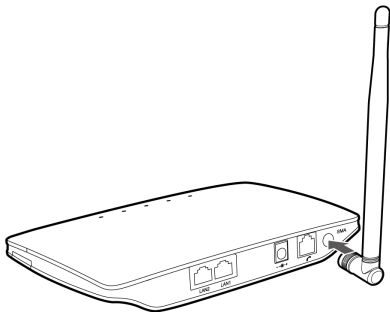
 The external antenna is an optional accessory, and may not be included in the packaging box. If required, please contact your local dealer purchase it.



- Before installing the external antenna, ensure that the B68L is powered off and disconnected from the power outlet.
- Only use the external antenna indoors, and do not use it during thunderstorm.
- Do not change another unexpected antenna unless manufacture provide.

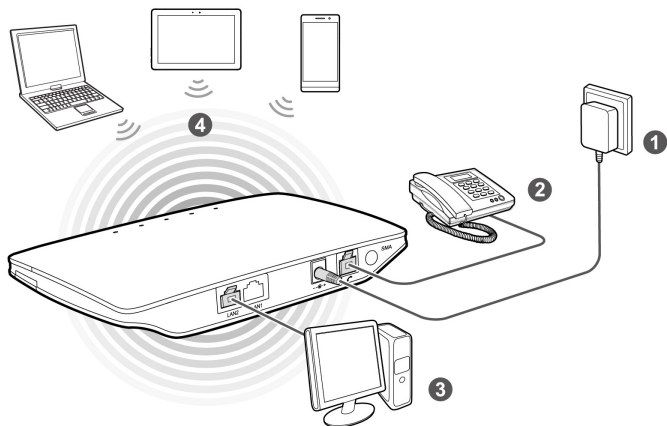
In areas with poor reception, connect an external antenna to the B68L's external antenna port to improve signal reception.

Before using external antenna, log in to the web management page (default address: **http://192.168.1.1**, default password: **admin**). Choose **Internet > Mobile Network** and set **Antenna mode** to **Outer**.



Connecting cables

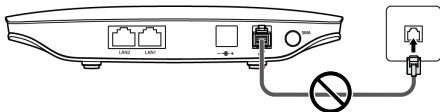
- i** To prevent interference caused by radio signals, place the B68L at least 1 meter (3.28 feet) away from telephone and other electrical devices.



Once connected to a power outlet, the B68L automatically powers on.

- | | | | |
|----------|---------------|----------|--------------------------------|
| 1 | Power adapter | 2 | Telephone |
| 3 | Computer | 4 | Laptop, tablet, or smart phone |

- !** Do not connect the B68L to the telephone wall outlet (or any Public Switched Telephone Network), because doing so could damage the B68L due to excessive heat.



3 Setting up a Wi-Fi connection

i Make sure your client (computer, tablet, or smart phone) also supports Wi-Fi.

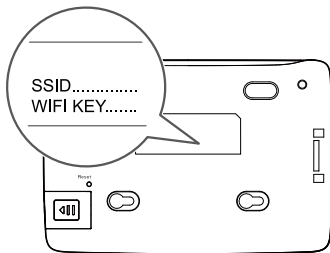
Turning on Wi-Fi on the B68L

When the **(P)** indicator is steady on, the Wi-Fi of the B68L is turned on.

To manually turn Wi-Fi on, log in to the web management page (default address: **http://192.168.1.1**, default password: **admin**), and choose **Home Network** > **WLAN Settings**. On the displayed page, select **Enable WLAN 2.4 GHz** and click **Save**.

Recording the SSID and Wi-Fi key


The default SSID and Wi-Fi key are printed on the B68L's rear label.



i To prevent unauthorized parties from accessing your wireless network, it is recommended that you change the SSID and Wi-Fi key from time to time. Log in to the web management page (default address: **http://192.168.1.1**, default password: **admin**), choose **Home** and click **Set Up WLAN** to set **WLAN 2.4 GHz SSID** and **Password**.

Setting up a Wi-Fi connection from a client

On Windows 7

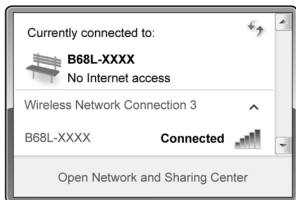
1. Click  on the status bar on the PC desktop.
2. A dialog box is displayed, and the computer scans for available wireless networks within range. From the search results, select the wireless network with the same SSID as the B68L, and click **Connect**.



3. In the **Connect to a Network** dialog box, enter the B68L's Wi-Fi key, and click **OK**. Note that the Wi-Fi key is case sensitive.

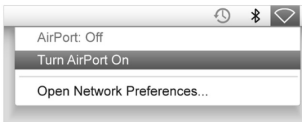


4. When **Connected** is displayed next to the B68L's SSID, the PC is connected to the wireless network.

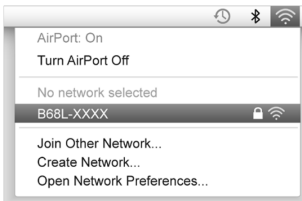


On Mac OS

1. Click  on the status bar on the Mac desktop. Choose **Turn AirPort On** from the displayed menu.



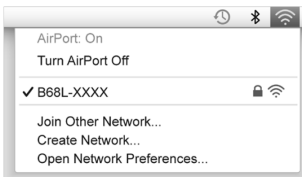
2. The Mac then scans for available wireless networks within range. From the search results, select the wireless network with the same SSID as the B68L.



3. In the displayed dialog box, enter the B68L's Wi-Fi key, and click **Join**. Note that the Wi-Fi key is case sensitive.

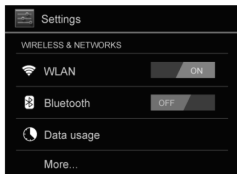


4. When a check mark appears next to the B68L's SSID, the Mac is connected to the wireless network.



On Android 4.0

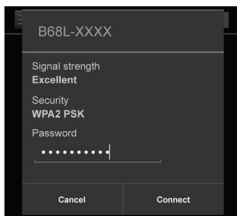
1. From the home screen, touch  > **Settings**. In the **WIRELESS & NETWORKS** section, turn Wi-Fi on.



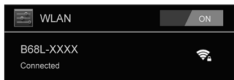
2. Touch **WLAN** to display the settings screen. Your device then scans for available wireless networks within range. From the search results, touch the wireless network with the same SSID as the B68L.



3. In the displayed dialog box, enter the Wi-Fi key, and touch **Connect**. Note that the Wi-Fi key is case sensitive.







4. When **Connected** is displayed under the B68L's SSID, the device is connected to the wireless network.





Setting up a Wi-Fi connection through WPS

If the client supports WPS, you can set up a WPS connection as follows:

1. Ensure that Wi-Fi is enabled on the client.
2. Press and hold the  button for 3 or more seconds. The  indicator then starts blinking.
 -  If you cannot activate WPS connection by WPS button, log in to the web management page (default address: **http://192.168.1.1**, default password: **admin**), and choose **Home Network > WLAN Access**. On the displayed page, select **Enable WPS**, click **WPS by push button (PBC)** and then click **Start WPS**.
3. Activate the WPS connection on the client in 2 minutes.
 -  For instructions about how to enable a WPS connection on the client, see the client's user guide.

4 Configuring your B68L

1. After a client is connected to the B68L through Wi-Fi or LAN port, launch a browser on the client and visit **http://192.168.1.1**.
 2. Enter the password (**admin** by default) to log in to the web management page.
 -  ● For security reasons, only one user can log in to the web management page at a time.
 - To protect your account, change the default password after your first login. Click **Modify Login Password** on the displayed **Notice** dialog or choose **Maintain > Account Management**, and click **Edit** to change the password.
 3. Follow the **Start Wizard** to quickly configure basic parameters, such as SSID and Wi-Fi key.
 -  If you modify the SSID and Wi-Fi key, you must set up the Wi-Fi connection on the client again.
- After finish the configuration, you can then access the Internet.

5 For More Help

If you are experiencing any issues with the B68L:

- See **What's this ?** information on the web management page.
- Restart the B68L.
- Restore the B68L to its factory settings.
- Contact your service provider.

Please visit <http://consumer.huawei.com/en/support/hotline> for recently updated hotline and email address in your country or region.



Figures in this guide are for your reference only. Specific models may vary slightly, contact your service provider for more detailed information.

6 Safety information

This section contains important information about the operation of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

Electronic device

Do not use your device if using the device is prohibited. Do not use the device if doing so causes danger or interference with other electronic devices.

Interference with medical equipment

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device where prohibited.
- Some wireless devices may affect the performance of hearing aids or pacemakers. Consult your service provider for more information.
- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If using a pacemaker, hold the device on the side opposite the pacemaker and do not carry the device in your front pocket.

Areas with flammables and explosives

- Do not use the device where flammables or explosives are stored (in a gas station, oil depot, or chemical plant, for example). Using your device in these environments increases the risk of explosion or fire. In addition, follow the instructions indicated in text or symbols.
- Do not store or transport the device in containers with flammable liquids, gases, or explosives.

Operating environment

- Avoid dusty, damp, or dirty environments. Avoid magnetic fields. Using the device in these environments may result in circuit malfunctions.
- Before connecting and disconnecting cables, stop using the device and disconnect it from the power supply. Ensure that your hands are dry during operation.
- Place the device on a stable surface.
- Keep the device away from electronic appliances that generate strong magnetic or electric fields, such as a microwave oven or refrigerator.
- During thunderstorms, power off your device and remove all cables connected to it to protect against lightning strikes.
- Do not use your device during thunderstorms to protect your device against any danger caused by lightning.

- Ideal operating temperatures are 0°C to 45°C. Ideal storage temperatures are -30°C to +60°C. Extreme heat or cold may damage your device or accessories.
- Keep the device and accessories in a well-ventilated and cool area away from direct sunlight. Do not enclose or cover your device with towels or other objects. Do not place the device in a container with poor heat dissipation, such as a box or bag.
- To protect your device or accessories from fire or electrical shock hazards, avoid rain and moisture.
- Keep the device away from sources of heat and fire, such as a heater, microwave oven, stove, water heater, radiator, or candle.
- Do not place any object, such as a candle or a water container, on the device. If any foreign object or liquid enters the device, immediately stop using it, power it off, and remove all cables connected to it. Then, contact an authorized service center.
- Do not block device openings. Reserve a minimum of 10 cm around the device to dissipate heat.
- Stop using your device or applications for a while if the device is overheated. If skin is exposed to an overheated device for an extended period, low temperature burn symptoms, such as red spots and darker pigmentation, may occur.
- Do not touch the device's antenna. Otherwise, communication quality may be reduced.
- Do not allow children or pets to bite or suck the device or accessories. Doing so may result in damage or explosion.
- Observe local laws and regulations, and respect the privacy and legal rights of others.
- The device should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
- Keep the device in a place with good reception. The distance between the device and other metal materials (such as metal brackets or metal doors and windows) should be greater than 25 cm and the distance between the device should be greater than 30 cm.

Child's safety

- Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous. The device includes detachable parts that may present a choking hazard. Keep away from children.
- The device and its accessories are not intended for use by children. Children should only use the device with adult supervision.

Accessories

- Using an unapproved or incompatible power adapter, charger or battery may cause

fire, explosion or other hazards.

- Choose only accessories approved for use with this model by the device manufacturer. The use of any other types of accessories may void the warranty, may violate local regulations and laws, and may be dangerous. Please contact your retailer for information about the availability of approved accessories in your area.

Power adapter safety

- The power plug is intended to serve as a disconnect device.
- For pluggable devices, the socket-outlet shall be installed near the devices and shall be easily accessible.
- Unplug the power adapter from electrical outlets and the device when not in use.
- Do not drop or cause an impact to the power adapter. If it is damaged, take it to an authorized service center for inspection.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using it at once. Continued use may lead to electric shocks, short circuits, or fire.
- Do not touch the power cord with wet hands or pull the power cord to disconnect the power adapter.
- Do not touch the device or the power adapter with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.
- If your power adapter has been exposed to water, other liquids, or excessive moisture, take it to an authorized service center for inspection.
- Ensure that the power adapter meets the requirements of Clause 2.5 in IEC60950-1/EN60950-1/UL60950-1 and has been tested and approved according to national or local standards.

Cleaning and maintenance

- During storage, transportation, and operation of the device, keep it dry and protect it from collision.
- Keep the device and accessories dry. Do not attempt to dry it with an external heat source, such as a microwave oven or hair dryer.
- Do not expose your device or accessories to extreme heat or cold. These environments may interfere with proper function and may lead to fire or explosion.
- Avoid collision, which may lead to device malfunctions, overheating, fire, or explosion.
- If the device is not going to be used for an extended period of time, power it off, and remove all cables connected to it.
- If anything unusual occurs (for example, if the device emits smoke or any unusual sound or smell), immediately stop using it, power it off, remove all cables connected to it, and contact an authorized service center.
- Do not trample, pull, or excessively bend any cable. Doing so may damage the

cable, causing the device to malfunction.

- Before you clean or maintain the device, stop using it, stop all applications, and disconnect all cables connected to it.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device or accessories. These substances may cause damage to parts or present a fire hazard. Use a clean, soft, and dry cloth to clean the device and accessories.
- Do not place magnetic stripe cards, such as credit cards and phone cards, near the device for extended periods of time. Otherwise the magnetic stripe cards may be damaged.
- Do not dismantle or remanufacture the device and its accessories. This voids the warranty and releases the manufacturer from liability for damage. In case of damage, contact an authorized service center for assistance or repair.

Emergency calls

The availability of emergency calls is subject to your cellular network quality, service provider policy, and local laws and regulations. Never rely solely on your device for critical communications like medical emergencies.

Environmental protection

- The device and its accessories (if included), such as the power adapter, headset, and battery should not be disposed of with household garbage.
- Disposal of the device and its accessories is subject to local regulations. Support proper collection and recycling.

FCC Regulatory Compliance

FCC statement

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 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.

Caution: Any changes or modifications to this device not expressly approved by Huawei Technologies Co., Ltd. for compliance could void the user's authority to operate the equipment.

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