

# User Guide

# Huawei WiFi Cube 4G





# Welcome to the Huawei WiFi Cube 4G.

## The WiFi Cube:

- Provides Internet access for compatible devices via Wi-Fi as well as for a computer using the USB cable provided.
- Expands your LAN coverage together with a hub or a switch.

This guide will help you understand your device, so you can start using it right away. Please read this document carefully before using your device for the first time.

For more detailed information about the functions and configuration of the WiFi Cube, please refer to the Help section of the device web UI.

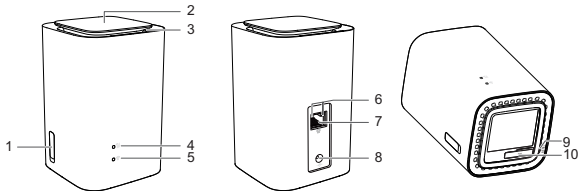
## Getting to know your Huawei WiFi Cube 4G.

### Note:

- During thunderstorms and rainy weather, turn off and disconnect the device.
- The WiFi cube function descriptions and illustrations in this document are for your reference only. The device you have purchased may vary.
- When the WiFi Cube is in use, you can alter its position or orientation to improve signal strength.

# Getting Started.

## Device Overview:



### **1 External antenna port**

Open the cover and connect an external antenna (not included).

### **2 Power button**

- Press and hold the power button to turn the device on/off.
- Press the power button to turn the indicator light on/off.

### **3 Indicator Light**

Shows when the WiFi Cube is turning on and when the device is connected to the Vodafone mobile network. You can press the power button to turn the Indicator Light off.

#### 4 **Signal indicator**

- Steady blue: strong signal strength
- Steady yellow: weak signal strength
- Steady red: no signal

#### 5 **Wi-Fi indicator**

- On: Wi-Fi is enabled
- Off: Wi-Fi is disabled

#### **Note:**

- For details about how to manually enable or disable the Wi-Fi function, please refer to the Wireless LAN (WLAN) settings in the Help section of the device web UI.

#### 6 **Network port indicator**

- Steady green and yellow off: The WiFi Cube is connected to a Wi-Fi enabled device, but no data is being transmitted.
- Steady green and blinking yellow: Data is being transmitted.
- Both green and yellow off: The WiFi Cube is not connected to a Wi-Fi enabled device.

#### 7 **LAN port (RJ45)**

Connect via the included LAN cable to a computer, switch, or other network device.

## **8 --+ Power port**

Connect the WiFi Cube's power adapter.

## **9 Reset button**

Press and hold the reset button to restore the device to its original factory settings.

### **Note:**

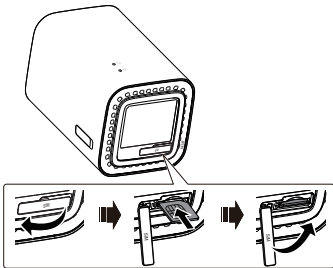
- Restoring the WiFi Cube to its original factory settings will override all changes made to the settings from first use.

## **10 SIM card slot**

This is where you insert your micro SIM card so you can connect to the Vodafone mobile network.

## Installing the micro SIM card:

Please ensure you follow this diagram when installing your micro SIM card.

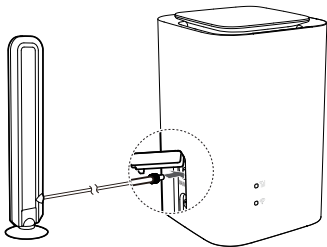


### Note:

- When removing your micro SIM card, gently press the SIM card in, then release it. The card will automatically pop out.
- Do not remove the SIM card when the WiFi Cube is turning on. Doing so will affect the performance of your device, and the data stored on the SIM card may be lost.

## Using an external antenna (not included):

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



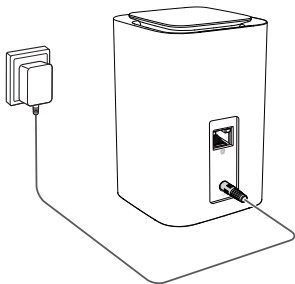
### Note:

- Before connecting the external antenna, ensure that the WiFi Cube is turned off and disconnected from the power outlet.
- Make sure the antenna is approved for use with the WiFi Cube.
- Only use the external antenna indoors, and do not use it during a thunderstorm.
- To optimize the external antenna performance place it at least 1 meter away from the WiFi Cube. If you have installed two external antennas, the distance between them must be greater than 1 meter.



## Connecting the power adapter:

Please ensure you follow this diagram when connecting the power adaptor.



**Warning:** The device may not work when mains power fails.

### Note:

- Use the provided power adapter. Use of another power adapter may cause the WiFi Cube to malfunction, fail, or could even catch fire. Such use voids all warranties, whether expressed or implied, of the device.

## Logging in to the web UI.

The web UI utility is accessed via a browser and is used to perform advanced device configuration and function management.

### Follow these steps to log in to the web UI:

1. Ensure the WiFi Cube is connected to your computer, smartphone or tablet.
2. If connecting to a computer that's not Wi-Fi enabled use the USB cable included.
3. Open a browser and enter **http://192.168.8.1** in the address box.

### Note:

- The WiFi Cube's default IP address is **192.168.8.1** and the subnet mask is **255.255.255.0**.
  - It's recommended that you use the automatically obtained IP addresses and domain name system (DNS) server. Otherwise you may not be able to log in to the web UI.
4. Enter the user name and password to log in.

### Note:

- The default user name and password are printed on the WiFi Cube label which can be found under the device.

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## **Privacy Policy**

To better understand how we protect your personal information, please see the privacy policy at <http://consumer.huawei.com/privacy-policy>.

## **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.

## **Traffic security**

- Observe local laws and regulations while using the device. To reduce the risk of accidents, do not use your wireless device while driving.
- Concentrate on driving. Your first responsibility is to drive safely.
- RF signals may affect the electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- Do not place the device over the air bag or in the air bag deployment area in a motor vehicle. Doing so may hurt you because of the strong force when the air bag inflates.
- Do not use your device while flying in an aircraft or immediately before boarding. Using wireless devices in an aircraft may disrupt wireless networks, present a hazard to aircraft operation, or be illegal.

## **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 +40°C. Ideal storage temperatures are -20°C to +70°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.
- Observe local laws and regulations, and respect the privacy and legal rights of others.
- 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.
- 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.

## **Child 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 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.

## Disposal and recycling information



This symbol (with or without a solid bar) on the device, batteries (if included), and/or the packaging, indicates that the device and its electrical accessories (for example, a headset, adapter, or cable) and batteries should not be disposed of as household garbage. These items should not be disposed of as unsorted municipal waste and should be taken to a certified collection point for recycling or proper disposal.

For more detailed information about device or battery recycling, contact your local city office, household waste disposal service, or retail store.

Disposal of the device and batteries (if included) is subject to WEEE Directive Recast (Directive 2012/19/EU) and Battery Directive (Directive 2006/66/EC). The purpose of separating WEEE and batteries from other waste is to minimize the potential environmental impacts and human health risk of any hazardous substances that may be present.

## Reduction of hazardous substances

This device is compliant with the REACH Regulation [Regulation (EC) No 1907/2006] and RoHS Directive Recast (Directive 2011/65/EU). Batteries (if included) are compliant with the Battery Directive (Directive 2006/66/EC). For up-to-date information about REACH and RoHS compliance, please visit the web site <http://consumer.huawei.com/certification>.

## EU regulatory conformance

### Statement

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For the declaration of conformity, visit the web site <http://consumer.huawei.com/certification>.

The following marking is included in the product:

**CE0168**

This device may be operated in all member states of the EU.

Observe national and local regulations where the device is used.

This device may be restricted for use, depending on the local network.

### Restrictions in the 2.4 GHz Band:

**Norway:** This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.

## 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.

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





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