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## Table of Contents

Getting to Know the UMG181 .....	1
PC Requirements .....	3
Preparing the UMG181 .....	4
Installation Guide.....	5
Safety Information .....	8
12 MONTH LIMITED WARRANTY .....	15

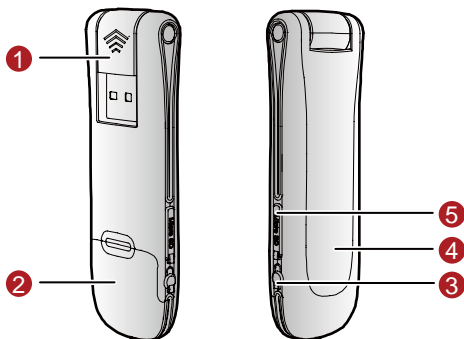
## Thank you for purchasing Huawei UMG181 HSPA Rotate USB Stick.

### Note:

- This manual briefly describes the preparation, the process for installing/uninstalling, and safety precautions for using Huawei UMG181 HSPA Rotate USB Stick (hereinafter referred to as the UMG181).
- Read the manual before using the UMG181.

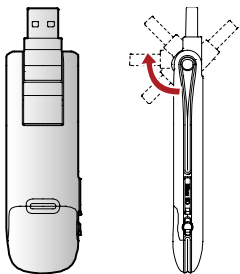
## Getting to Know the UMG181

The following figures show the appearance of the UMG181. The actual device may differ.



## 1 Rotatable USB connector

This is where the UMG181 connects to the USB interface of your PC.

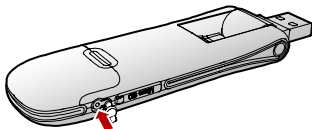


## 2 USIM/SIM card slot

Open the lid to insert the USIM/SIM card in the slot.

## 3 RF Output Power Port

Connects the RF cable.



## 4 Indicator

Indicates the status of the UMG181.

- Green, blinking twice every 3s: The UMG181 is powered on.
- Green, blinking once every 3s: The UMG181 is registered to a GSM/GPRS/EDGE network.
- Blue, blinking once every 3s: The UMG181 is registered to a WCDMA/HSDPA network.
- Green, always on: The GPRS/EDGE connection is set up.
- Blue, always on: The WCDMA connection is set up.
- Cyan, always on: The HSDPA connection is set up.
- Off: The UMG181 is removed from the PC.

## 5 Micro SD card slot

Insert a micro SD card here.

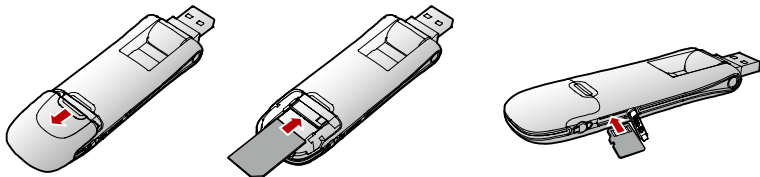
## PC Requirements

To use the UMG181, your PC must meet the following requirements:

- Standard USB interface.
- Windows XP SP2, Windows Vista.
- Mac OS X 10.4 and 10.5 with latest upgrades.
- The hardware of your PC must meet or exceed the recommended system requirements for the installed version of OS.
- Display resolution: 800 × 600 or above.

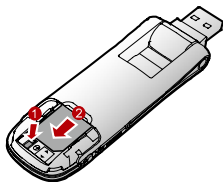
## Preparing the UMG181

1. Remove the back cover of the UMG181.
2. Insert the USIM/SIM card and the micro SD card into the card slots. Make sure that the cards are properly inserted.



### Note:

- A micro SD card is an optional accessory and not included with your device.
- Do not remove the USIM/SIM card and the micro SD card when they are being used. Removing the cards during an operation may damage the cards as well as the device, and data stored on the cards may be corrupted.
- When removing the USIM/SIM card from the UMG181, press the card barrier (as indicated by 1 in the following figure).



1 Card barrier

2 USIM/SIM Card

## Installation Guide

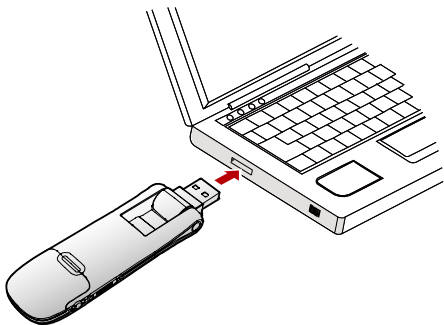
The procedure for installing the management program depends on the operating system installed on your PC. The following section takes Windows XP as an example.

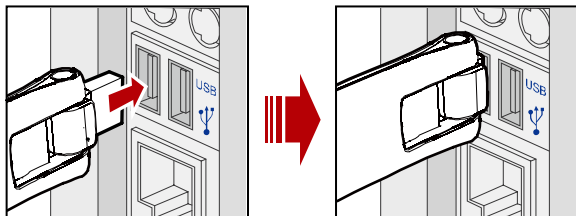
### Connecting the UMG181 with a PC

**Note:**

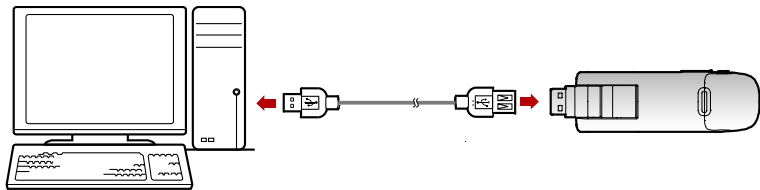
Turn on your PC before connecting the UMG181 with it. Otherwise, the normal installation of the UMG181 may be affected.

- Method 1: Plug the UMG181 into the USB interface of the PC.





- Method 2: connect the UMG181 to a PC using the USB extension cable.



## Installing the UMG181 Management Program

1. Connect the UMG181 with the PC.
2. The OS automatically detects and recognizes new hardware and starts the installation wizard.

### Note:

If the auto-run program does not respond, find the **AutoRun.exe** file in the driver path. Then double-click **AutoRun.exe** to run the program.



3. Follow the prompts of the installation wizard.
4. After the program is installed, the shortcut icon of the management program is displayed on the desktop of your PC.

## Launching the Management Program

After the UMG181 is installed, the management program is launched automatically. Then every time the UMG181 is connected to the PC, the management program is launched automatically.

You can also double-click the shortcut icon on the desktop to launch the management program.


## Uninstalling the Management Program

1. On your PC, select **Start > Control Panel**.
2. Find the management program, and click **Add/Remove** Program to uninstall the management program.

### Note:

It is recommended that you restart the PC after the uninstallation to ensure that the management program is completely uninstalled.

## Removing the UMG181

1. Double-click  in the system tray. The **Unplug** or **Eject** Hardware interface is displayed.
2. Select the hardware related to the UMG181 and click **Stop**.
3. When the prompt "It is safe to remove the device" is displayed, remove the UMG181.

In this way, the integrity of the data stored on the SD card can be ensured.

### Note:

Before removing the UMG181, exit the management program.

# Safety Information

Read the safety information carefully to ensure the correct and safe use of your wireless device.

## Regulatory Notices

UMG181 complies with Parts 15, 22, and 24 of the FCC rules. It has been tested by using a typical PC with a USB port. This USB device must not be located or operated near any other antenna or transmitter. If you use this USB device in any other configuration, the FCC RF Exposure compliance limit can be exceeded.

## Operating Conditions

This device may not cause harmful interference and must accept any interference received, including interference that may cause undesirable operations.

## Warnings and Cautions

- Modifying or changing this USB device without express authorization may nullify compliance with RF exposure guidelines.
- This USB device has been tested and found to comply with the limits pursuant to Parts 15, 22, and 24 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when appropriately installed. This USB device generates, uses, and can radiate radio frequency and, if not installed and used according to the instructions provided, it may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in any particular installation.
- This USB device does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference causing equipment standard entitled "Digital Apparatus", ICES-003 of the Department of Communications.

If you have purchased this product under a United States Government contract, it shall be subject to restrictions as set forth in subparagraph (C) (1) (ii) of Defense Federal Acquisitions Regulations (DFARs) Section 252.227-7013 for Department of Defense contracts and as set forth in Federal

Acquisitions Regulations (FARs) Section 52.227-19 for civilian agency contracts or any successor regulations.

If further government regulations apply, it is your responsibility to ensure compliance with such regulations.

- \* WARNING: This product contains a chemical known to the State of California to cause cancer.
- \* WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

## **Areas with Potentially Explosive Atmospheres**

Turn your device OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

## **Interference to Medical Devices**

Certain electronic equipment may be shielded against RF signal from your wireless device. (Pacemakers, Hearing Aids, and so on). Turn your device OFF in health care facilities when any regulations posted in these areas instruct you to do so. RF signals may affect improperly installed or inadequately shielded electronic system in motor vehicles.

## **Area with Inflammables and Explosives**

To prevent explosions and fires in areas that are stored with inflammable and explosive devices, do not use your wireless device and observe the rules. Areas stored with inflammables and explosives include but are not limited to the following:

- Gas station.
- Fuel depot (such as the bunk below the deck of a ship).
- Container/Vehicle for storing or transporting fuels or chemical products.
- Area where the air contains chemical substances and particles (such as granule, dust, or metal

powder).

- Area indicated with the "Explosives" sign.
- Area indicated with the "Power off bi-direction wireless equipment" sign.
- Area where you are generally suggested to stop the engine of a vehicle.

## **Traffic Security**

- Observe local laws and regulations while using the wireless device. To prevent accidents, do not use your wireless device while driving.
- RF signals may affect electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- In a motor vehicle, do not place the wireless device over the air bag or in the air bag deployment area. Otherwise, the wireless device may hurt you owing to the strong force when the air bag inflates.
- Observe the rules and regulations of airline companies. When boarding, switch off your wireless device. Otherwise, the radio signal of the wireless device may interfere with the plane control signals.

## **Safety of Children**

Do not allow children to use the wireless device without guidance. Small and sharp components of the wireless device may cause danger to children or cause suffocation if children swallow the components.

## **Environment Protection**

Observe the local regulations regarding the disposal of your packaging materials, used wireless device and accessories, and promote their recycling.

## **RoHS Approval**

The wireless device is in compliance with the restriction of the use of certain hazardous substances

in electrical and electronic equipment Directive 2002/95/EC (RoHS Directive).

## **Laws and Regulations Observance**

Observe laws and regulations when using your wireless device. Respect the privacy and legal rights of the others.

## **Care and Maintenance**

It is normal that your wireless device gets hot when you use it. Before you clean or maintain the wireless device, stop all applications and disconnect the wireless device from your PC.

- Use your wireless device and accessories with care and in clean environment. Keep the wireless device from a fire or a lit cigarette.
- Protect your wireless device and accessories from water and vapor and keep them dry.
- Do not drop, throw or bend your wireless device.
- Clean your wireless device with a piece of damp and soft antistatic cloth. Do not use any chemical agents (such as alcohol and benzene), chemical detergent, or powder to clean it.
- Do not leave your wireless device and accessories in a place with a considerably low or high temperature.
- Use only accessories of the wireless device approved by the manufacturer. Contact the authorized service center for any abnormality of the wireless device or accessories.
- Do not dismantle the wireless device or accessories. Otherwise, the wireless device and accessories are not covered by the warranty.

## **Emergency Call**

This wireless device functions through receiving and transmitting radio signals. Therefore, the connection cannot be guaranteed in all conditions. In an emergency, you should not rely solely on the wireless device for essential communications.

## Specific Absorption Rate (SAR)

THIS USB STICK MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

\* Tests for SAR are conducted with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a device model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this USB Stick when tested for use when worn on the body, as described in this user guide, is 1.518 W/Kg. (Body-worn measurements differ among device models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various devices and at various positions, they all meet the government's requirement for safe exposure. The FCC has granted an Equipment Authorization for this USB Stick with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this USB Stick is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: QISE181. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.wow-com.com>.

\* In the United States and Canada, the SAR limit for mobile devices used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin

of safety to give additional protection to the public and to account for any variations in measurements.

## **Exposure to RF Energy**

Use only the supplied or an approved replacement antenna. Do not touch the antenna unnecessarily when the USB Stick is in use. Do not move the antenna close to, or touching any exposed part of the body when making a call.

### **FCC Statement**

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

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.

Changes or modifications made to this equipment not expressly approved by (manufacturer name) may void the FCC authorization to operate this equipment.

This equipment has been tested and found to comply with the limits to 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.

### **CAUTION:**

The USB Stick was tested on all four sides of the unit with the bottom and one side being installed in a laptop. The top and other side was on a USB extension cable.

The device can be used in notebook computers with substantially similar physical dimensions, construction, and electrical and RF characteristics.

If this USB Stick is intended for use in any other portable device, you are responsible for separate approval to satisfy the SAR requirements of Part 2.1093 of FCC rules.

If the USB Stick is intended for use in any mobile device, a minimum distance of 20 cm between the radiator and your body must be kept.

This transmitter and its antenna(s) must not be located or operated with any other antenna or transmitter.

## **RF Exposure Compliance Requirements**

This USB Stick is approved for use in normal size laptop computers only (typically with 12" or larger display screens). To comply with FCC RF exposure requirements, this Stick should not be used in configurations that cannot maintain at least 13mm (approximately 0.5" ) from users and bystanders; for example, in certain laptop and tablet computers and configurations where the USB connectors on the host computer are unable to provide or ensure the necessary separation between the Stick and its users or bystanders to satisfy RF exposure compliance requirements.



## 12 MONTH LIMITED WARRANTY

Personal Communications Devices, LLC. (the "Company") warrants to the original retail purchaser of this device, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defects.

The antenna is similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

- Product subjected to abnormal use or conditions, accidents, mishandling, neglect, unauthorized alteration, misuse or improper installation, repair, or storage
- Product whose mechanical serial number or electronic serial number has been removed, altered, or defaced
- Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions
- Damage resulting from connection to or use of any accessory or other product not approved or authorized by the Company
- Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts
- Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, theft or improper usage of any electrical source

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

When sending your wireless device to Personal Communications Devices for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software or applications, games, and graphics), and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned. Personal Communications Devices is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to Personal Communications Devices for repair or service.

To obtain repair or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, and transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario, call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

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