

Bluetooth-Based Internet Access

Connecting your phone to a PC through Bluetooth function enables the PC to use the phone as a modem. This helps to set up a dial-up connection to the Internet. (This is particularly useful for laptop.) You can create Bluetooth-based Internet access through the PC Assistant supplied with your phone, or the built-in Internet wizard of the Windows operating system, or the Internet wizard supplied with the Bluetooth drive suite of the PC.

Note

Windows 2000, Windows XP and Windows Vista are supported.

◆ Accessing the Internet using the Mobile Phone PC Assistant

To access the Internet by Bluetooth using the PC Assistant, make sure that your PC supports the Bluetooth function and your SIM card supports the Internet access service.

- 1 Select **Settings > Connectivity > Modem** and set the port to **Modem via Bluetooth**.

- 2 Select **Settings > Connectivity > Bluetooth > Switch On/Off > On**.
- 3 Make sure that **Bluetooth modem** is in **Device Manager/Modem** of your PC. Run the driver program for Bluetooth on your PC, and then pair the U7310s phone. After the PC has detected the dial-up network service, you can activate this service.
- 4 Install the **PC Assistant** supplied with your phone.
- 5 Run the Dialup Internet on the PC to access the Internet.

◆ Other Bluetooth Operations

You can perform the basic settings for the Bluetooth functions.

Select **Settings > Connectivity > Bluetooth** for the following operations.

- Switch On/Off:** To set the Bluetooth device to **On** or **Off**. Bluetooth shall be turned off as default. Turning Bluetooth on shall NOT automatically set the state as being discoverable.

■ Bluetooth®



- **My devices:** To view all detected Bluetooth devices. Or to search for new Bluetooth devices.
- **Visibility:** To set whether your phone can be found by other devices when the Bluetooth function is enabled. Bluetooth shall be set to non-discoverable as default.
- **Device name:** To rename your phone.
- **My device information:** To view the detailed information of your phone.

12 Browser

The built-in browser makes it easy to browse the Internet. You can access the Browser screen by selecting **Browser** from the main menu.

Open homepage

Browsing Pre-set Web Pages

On the homepage, select a link from the page. Then select  to browse the page. When browsing, you can press the scroll keys to select a link you want to access. The selected link is highlighted. Press  to access the link.

Other Operations for the Homepage

After selecting **Options** from the homepage, you can perform the following operations:

- **This link:** To access the selected link in the current page.
- **Bookmarks:** To access the bookmark directory and view the saved bookmarks.
- **Save as bookmark:** To save the current page as a bookmark.

- **Open new page:** To enter a website address and access it.
- **History:** To access the visited webpage.
- **Navigate:** To go forward or go backward when you browse web pages.
- **Advanced:** To access the advanced options.
- **Exit browser:** To exit the current web page.

Open new page

Access the **Open new page** screen, and then you can enter the address of the page to be accessed.

Bookmarks

With this option, you can save and edit the information of the websites that you often access.

Some bookmarks have been preset for you on the phone.

Saved pages

With this option, you can save the pages in your phone. Web pages are saved to the **Saved pages**.

■ History

History

With this option, you can access the visited webpage.

Resume

To link to the latest visited webpage.

Settings

These are preset for you to use the service. If you need to modify them, open the Browser and select **Settings**.

13 Settings

You can access the Settings screen by selecting **Settings** from the main menu.


Phone settings

You can change the settings of the phone.

- **Date and Time:** To set the system date and time format of the phone. If you have removed the battery from the mobile phone, you may need set the time after switching on the mobile phone.
- **Profiles:** To select different profiles for the phone to suit different environmental situations.
- **Phone language:** To set the phone language. you can select **Auto**. This option is used to set the phone language to be the same as that used in your SIM card.
- **Input language:** To set the language used to enter text.
- **Keypad tone:** To set the keypad tone of the phone.
- **Keypad lock period:** You can set the keypad lock period. If there is no operation on the phone within a preset period of time, the keypad is locked automatically. You can press left function key and right function key in turn to unlock the keypad.

- **Shortcuts:** To assign the frequently used functions to the scroll keys as shortcut keys.
- **Auto ON and OFF:** To set your phone to power on or off automatically.

Note

In the standby mode, you can press and hold  to switch the current profile to the silent profile. If the current profile is offline, you cannot use this function.

Display settings

You can change the settings for the phone display.

- **Wallpaper:** To set the wallpaper layout for the home screen.
- **Themes:** To set the theme of the phone.
- **Brightness:** To set the brightness of the screen.
- **Keypad backlight:** To turn the keypad backlight on or off.
- **Backlight time:** To set the backlight delay time for the screen.
- **Intermittently alert:** To turn the alert on or off.

■ Message settings

- **Greeting message:** To enter a greeting message that appears on the screen when you power on your phone.
- **Goodbye message:** To enter a message that appears on the screen when you power off your phone.

Message settings

You can change the message settings including **SMS & MMS, Email, Push messages, Broadcast,** and **Common phrases.**

Call settings

You can change the settings for making calls.

Call forwarding

This option is used to forward incoming calls.

- 1** In the main screen, select **Settings > Call settings > Call forwarding.**
- 2** Select the forwarding condition from **All calls, If unreachable, If busy,** and **If unanswered.**

- 3** Then select the forwarding type from **Voice call, Fax call, Data and Video call** and **All services.**

- 4** Select **Options > Activate/Deactivate** to enable or disable the service. You can also select **Check status** to check the status of call forwarding service.

Call barring

This option is used to set the call barring mode for the phone.

Select **Call settings > Call barring** for the following options:

◆ Call barring:

- 1** Select the barring condition from **All outgoing calls, Intl. calls, Intl. calls except home, All incoming calls,** and **Incoming calls when abroad.**
- 2** Then select the barring type from **Voice call, Fax call, Data and Video call,** and **All services.**
- 3** Select **Options > Activate/Deactivate** to enable or disable the service. You can also select

Check status to check the status of call barring service.

◆ **Disable All**

Select one type from **Voice call**, **Fax call**, **Data and video call** and **All services**, and then enter the call barring password. Press **OK** key to cancel all call barring services of each type.

◆ **Call barring password**

This function is used to change the password for call barring. Select **Call barring password** from the **Call barring** screen. Then you can change the call barring password.

Note

The old call barring password is provided by your network operator if it is the first time for you to change the password.

Call waiting

This option is used to enable or disable the call waiting function. You can also view whether the call waiting function is enabled by checking the status.

The call waiting function is network-dependent. For more information, contact your local customer care centre.

Save unknown number

This function is used to prompt whether to save the number after a call ends.

Auto redial

This function is used to auto redial the dialed number if the dialing failed.

Answer mode

It is used to set the mode for answering an incoming call. Three options are available: **Any key**, **Send key** and **Slide up**.

Auto Answer

This option is used to select auto answering for incoming calls. Four options are available: **Immediate answer**, **Text message**, **Recorded voice** and **Disable**.

■ Video call

Caller ID

This options allows you to select whether to display your phone number on the phone of the party who you called. If select **Auto**, whether your phone number will be shown on the called phone depends on the network.

Select line

This option is used to set the call line for your phone. Two options are available: **Line 1** and **Line 2**.

My number

This function can be used to save your own phone numbers on the SIM card. You can select **Options** to edit or delete the records.

Video call

You can change the settings for the Video Call function.

- **Picture mode:** To set the picture mode during a video call.
- **Image quality:** To set the image quality for video.

- **Switch Camera off:** To open or close the video channel during a video call.
- **Audio off:** To open or close the audio channel during a video call.
- **Auto voice call:** To enable the auto voice call function. The phone auto makes a voice call, when the other party's phone does not support the video call service.
- **Send image:** To select a file and send it to the other party when you hold a video call.
- **Auto answer:** To auto answer an incoming video call. You can enable or disable this function.

Contact settings

This option is used to set the default contact list displayed in the contact screen, to sort the contacts on the **Contacts** screen.

Connectivity

The data connection function provides several data communication functions. You can synchronise data between your phone and a PC through a USB cable

or Bluetooth. Your PC can use the built-in modem of your phone to access the Internet.

Device management

You can synchronise your device settings with network server in the network.

Network

You can change the settings for the network. Four options are available: **Mode**, **Select network**, **Cell information**, and **Operator list**.

Java™ settings

This option is used to set the volume and vibration of games.

Security

You can change the settings related to the phone security.

Select **Security** from **Settings** to display the following security setting items.

Reset settings

This option is used to reset your phone to the factory settings.

Password lock

This option is used to enable or disable the "Phone lock" and "PIN lock".

- 1 Select **Security** > **Password lock**.
- 2 Select one item from **Phone lock** and **PIN lock**.
- 3 Press the up/down scroll key to select **On** or **Off**.
 - **Phone lock**: Enter the phone password.
 - **PIN lock**: If the desired status is the same as the current status, just press **OK** key. Conversely, you need to select the desired status and then enter the PIN code.

Change password

You can modify the phone password and PIN code.

- 1 Select **Security** > **Change password**.

■ License setting

- 2 Select one item from **Phone password**, **PIN code**, and **PIN2 code**.
- 3 Enter the old password (The initial phone password of the U7310s is 0000).
- 4 Enter a new password.
- 5 Enter the new password again to confirm.

Note

- To modify the PIN code, you must set the "PIN locked" to "On" first.
- If you enter the wrong PIN or PIN2 three times, the SIM card is locked. You need the PUK or PUK2 code to unlock the SIM card. If you enter the wrong PUK or PUK2 code 10 times in total, the SIM card is locked permanently.
- PUK or PUK2 code are delivered with the SIM card. If you have not received one or have forgotten it, contact your local customer care centre.

Fixed dialer number

If your SIM card supports the Fixed Dialer Number(FDN) function, you can set the limit for phone numbers.

Select **Security > Fixed dialer number** for the following options.

- **Deactivated / Activated:** To disable or enable the FDN function, you need to enter the correct PIN2 code.
- **My Fixed Dial Numbers:** To create, edit or delete the fixed dialer numbers, you need to enter the correct PIN2 code.

License setting

Select **Settings > License setting**. Enter the correct phone password and press **OK** key to confirm, and you can select **Roaming network** and **Delete all licenses**.

Digital Rights Management (DRM) can protect the digital content from piracy and protect the provider's interests. The digital content includes Java™ applications and multimedia content such as images, audio

and video. If the protected content cannot be accessed, it indicates that the corresponding license is overdue or used up.

Streaming settings

You can change the settings for the Streaming.

14 Warnings and Precautions

Electronic Device

- Turn off your phone near high-precision electronic devices. The phone may affect the performance of these devices.
- Such devices include hearing aids, pacemakers, fire alarm systems, automatic gates, and other automatic-control devices. If you are using an electronic medical device, consult the device manufacturer to confirm whether the radio wave affects the operation of this device.
- Pacemaker manufacturers recommend that a minimum separation of 15cm be maintained between a mobile phone and a pace-maker to avoid potential interference with the pace-maker. To achieve this use the phone on the opposite ear to your pace-maker and do not carry it in a breast pocket.

Hospital

Pay attention to the following points in hospitals or health care facilities:

- Do not take your phone into the operating room (OR), intensive care unit (ICU), or coronary care unit (CCU).
- Do not use your phone at places for medical treatment where phone use is prohibited.
- When using your phone near someone who is suffering from a heart disease, turn down the ring tone volume or vibration properly so that it does not affect the person.

Area with Inflammables and Explosives

In any area with inflammables and explosives, turn off your phone and do not take out, install or charge the battery, to avoid explosion and fire. Areas with inflammables and explosives include, but are not limited to:

- Gas station
- Area for storing fuels (such as the bunk under the deck of a ship)
- Device/Vehicle for transporting and storing fuels or chemical products

- Area with chemical substances and particles (such as: granule, dust, metal powder) in the air
- Area with the sign of "Explosives"
- Area with the sign of "Turn off bi-direction wireless equipment"
- Area where it is generally suggested to stop the engine or a vehicle

Storage Environment

- Do not place magnetic storage media such as magnetic cards and floppy disks near the phone. Radiation from the phone may erase the information stored on them.
- Do not put your phone, battery, or other accessories in containers with strong magnetic field, such as an induction cooker and a microwave oven. Otherwise, circuit failure, fire, or explosion may occur.
- Do not leave your phone, battery, or charger in a very hot or cold place. Otherwise, malfunction of the products, fire, or explosion may occur.

- Do not place sharp metal objects such as pins near the earpiece. The earpiece may attract these objects and hurt you when you are using the phone.
- Do not subject your phone, battery, and charger to serious collision or shock. Otherwise, battery leakage, phone malfunction, overheat, fire, or explosion may occur.
- Do not put your phone in the back pocket of your trousers or skirt, to avoid phone damage while seated.

Children Safety

- Put your phone, battery, and charger in places beyond the reach of children. Do not allow children to use the phone, battery, or charger without guidance.
- Do not allow children to put the battery in mouth, for electrolyte in the battery is poisonous.
- Do not allow children to touch the small fittings. Otherwise, suffocation or gullet jam can be caused if children swallow the small fittings.

■ Operating Environment

Operating Environment

- The phone, battery, and charger are not water-resistant. Keep them dry. Protect the phone, battery and charge from water or vapor. Do not touch the phone with a wet hand. Otherwise, short-circuit and malfunction of the product or electric shock may occur.
- Do not use the phone in dusty, damp and dirty places or places with magnetic field. Otherwise, malfunction of the circuit may occur.
- Do not turn on or off the phone when it is near your ears to avoid negative impact on your health.
- When carrying or using the phone, keep the antenna at least one inch (2.5 centimeters) away from your body, to avoid negative impact on your health caused by radio frequency leakage.
- If you feel uncomfortable (such as falling sick or qualm) after playing games on your phone for a long time, please go to see a doctor immediately.
- On a thunder stormy day, do not use your phone outdoors or when it is being charged.

- Do not touch the antenna when a call is going on. Touching the antenna may affect call quality and cause the phone to operate with more power. As a result, the talk time and standby time are shortened.
- The phone may interfere with nearby TV sets, radios and PCs.
- In accordance with international standards for radio frequency and radiation, use phone accessories approved by the manufacturer only.

Cleaning and Maintenance

- Before you clean or maintain the phone, turn off the phone and disconnect it from the charger. Otherwise, electric shock or short-circuit of the battery or charger may occur.
- Do not use any chemical detergent, powder, or other chemical agent (such as alcohol and benzene) to clean the phone and the charge. Otherwise, part damage or a fire can be caused. You can clean the phone and the charger with a piece of soft antistatic cloth that is a little wet.

- Do not scratch the shell of the phone. Otherwise, the shed coating may cause skin allergy. Once it happens, stop using the phone at once and go to see a doctor.
- Keep the plug dry when you clean it, to prevent fire.
- If the phone or any of its fittings does not work, turn to the local authorized service center for help.

Environmental Protection

- Please observe the local regulations regarding the disposal of your packaging materials, exhausted battery and old phone and please promote their recycling. Do not dispose of exhausted battery or old phone in municipal waste.
- This HUAWEI device complies with Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment.



This symbol indicates that the equipment carrying this mark must NOT be thrown into general waste but should be collected separately and properly recycled under local regulations.

Emergency Calls

You can use your phone for emergency calls. However, connections in all conditions cannot be guaranteed. You should never rely solely on the phone for essential communications.

Battery

- Use the battery approved by the manufacturer only. Otherwise, explosion may occur.
- Do not dispose of the battery in fire. Otherwise, the battery may ignite or explode.
- Do not connect two poles of the battery with conductors such as cables, jewelries or any other metal material. Otherwise, the battery is short-circuited and it may burn your body.
- Do not disassemble the battery or solder the battery poles. Otherwise fluid leakage, overheat, fire, or explosion may occur.
- If there is battery leakage, smoke, or strange smell, stop using the battery and keep it away from open

■ Charger

flame to avoid fire or explosion. Then turn to an authorized maintenance engineer for help.

- The battery is not fully charged when delivered. Plug the charger cable into the bottom of the phone, plug the power supply unit into a mains power socket and charge for at least two hours.
- If the battery fluid contacts your skin or cloth, wash with clean water immediately to avoid irritation to the skin.
- If the battery fluid gets into eyes, do not rub your eyes. Otherwise, your eyes can be hurt. Wash with clean water and go to see a doctor immediately.
- If there is battery deformation, color change or abnormal heating while you charge or store the battery, take it out immediately and stop using it. Otherwise, battery leakage, overheat, explosion, or fire may occur.
- When installing the battery, do not push the battery by force lest battery fluid leak out or the battery crack.
- Do not take out the battery when the phone is turned on.

- If you do not use the battery for a long time, store it in normal temperature after charging.

Charger

- Use the charger approved by the phone manufacturer only. Any violation of this rule may result in fire or malfunction of the charger.
- Do not short-circuit the charger. Short-circuiting the charger may cause fire or malfunction of the charger.
- If the power cord is damaged (for example, the lead is exposed or broken), or the plug becomes loose, stop using the power cord at once. Otherwise, electric shock, short-circuit of the charger, or fire may occur.
- Keep the charger dry. Once water or other liquid leaks into the charger, electrical leakage or other faults may occur.
- Do not use the charger in a dusty and damp environment.
- Keep the power cord away from any heating appliance.

- Ensure the charger is properly plugged into the power socket properly when charging the battery. Improper insertion may result in electric shock, fire, or explosion. To unplug the charger, pull the plug off rather than tear off the power cord.
 - Do not place any heavy object on the power cord of the charger. Do not damage, change, or pluck the power cord. Otherwise electric shock or fire may occur.
 - When you are charging the battery with the charger, do not touch the plug, power cord or the charger with a wet hand. Otherwise, electric shock can be caused.
 - Once the liquid such as water leaks into the charger, remove the plug of the charger from the socket immediately. Otherwise, overheating, fire and other malfunction may occur.
- To connect your phone and PC with the USB cable, connect to the phone at first, and then connect to the PC.
 - In the process of communication between your phone and PC, it is strictly forbidden to plug or pull out the USB cable.
 - To disconnect your phone and PC from the USB cable, disconnect from the PC at first, and then disconnect from the phone.

Using the USB Cable

To use the USB cable, please strictly obey the following rules. Otherwise, your phone or PC may be damaged:

Certification Information (SAR)

THIS DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO FREQUENCY ELECTROMAGNETIC FIELD.

Your mobile phone is a low-power radio transmitter and receiver. When it is turned on, it emits low levels of radio frequency energy (also known as radio waves or radio frequency fields).

Governments around the world have adopted comprehensive international safety guidelines, developed by scientific organizations, e.g. ICNIRP (International Commission on Non-Ionizing Radiation Protection)

■ Certification Information (SAR)

and IEEE (Institute of Electrical and Electronics Engineers Inc.), through periodic and thorough evaluation of scientific studies. These guidelines establish permitted levels of radio wave exposure for the public.

The levels include a safety margin designed to assure the safety of all persons, regardless of age and health, and to account for any variations in measurements.

Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a mobile phone. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the mobile phone while operating can be well below the value. This is because the mobile phone is designed to use the minimum power required to reach the network.

All models of Huawei' s mobile phone are designed to meet radio frequency exposure guidelines. Before a phone model is available for sale to the public, it must be tested according to the technical standard-EN 50361 and does not exceed the limit established

by the European Council Recommendation: 1999/519/EC for safe exposure. The tests are performed in using positions (that is, at the ear) as required by the EN50361 for each model.

The SAR limit adopted by the 1999/519/EC is 2.0 watts/kilogram (W/kg) averaged over ten gram of tissue. The highest SAR value for this device type when tested at the ear is 0.378 W/kg, and when properly worn on the body is 0.629 W/kg.

All models of Huawei' s mobile phone are designed to meet radio frequency exposure guidelines. Before a phone 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 (that is, at the ear and worn on the body) as required by the FCC for each model. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when the handset is positioned a minimum of 15 mm from the body with an accessory that contains no

metal part. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The SAR limit adopted by the USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC and IC for this device type when tested for use at the ear is 0.243 W/kg, and when properly worn on the body is 0.720 W/kg.

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

EU Declaration of Conformity

according to the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC

For the following equipment

Product: WCDMA/GPRS/GSM Mobile Phone
U7310s

Type Designation/Trademark: U7310s/HUAWEI

Manufacturer's Name: Huawei Technologies Co.,Ltd.

Manufacturer's Address: Bantian, Longgang District, Shenzhen, 518129, Guangdong, P. R. China.

is herewith confirmed to comply with the requirements set out in the Council Directive 1999/5/EC for radio equipment and telecommunications terminal equipment. For the evaluation of the compliance with this Directive, the following standards were applied:

Safety: EN 60950-1:2001 First Edition;

Health: EN 50360:2001; EN 50361:2001;

EMC: EN 301 489-1 V1.4.1; EN 301 489-24 V1.2.1;
EN 301489-7 1.2.1; EN 301489-17 1.2.1;

Radio: EN 301 511 V9.0.2; EN 301 908-1 V2.2.1; EN
301 908-2 V2.2.1; EN 300 328 V1.4.1;

Responsible for making this declaration is the Manufacturer.

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

■ Certification Information (SAR)

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 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.

Warning: Changes or modifications made to this equipment not expressly approved by HUAWEI may void the FCC authorization to operate this equipment.

15 Acronyms and Abbreviations

DRM	Digital Rights Management
FDN	Fixed Dial Number
GPRS	General Packet Radio Service
GSM	Global System for Mobile communication
OTA	Over-The-Air
PIN	Personal Identification Number
PLMN	Public Land Mobile Network
PUK	PIN Unblocking Key
SD	Secure Digital Card
SAR	Specific Absorption Rate
STK	SIM Tool Kit
URL	Universal Resource Locator
USB	Universal Serial Bus
WAP	Wireless Application Protocol
WCDMA	Wideband Code Division Multiple Access

16 Appendix

The U7310s supports image files, video files and audio files of many formats. For details, see the following table.

File type	Formats
Image	JPG, PNG, BMP, GIF, BCI, WBMP, SVG, and SVGZ.
Audio	MP3, AAC/AAC+, AMR, MID, WAV (ADPCM), MMF, QCP, and XMF/DLS.
Video	3GP,MP4, 3G2, and PMD.