Hisign Handheld Multi-biometric device

Hisign MBioCheck

User Guide

Beijing Hisign Technology Co., Ltd.

User Guide

Thank you for using Hisign MBioCheck, which is based on the Google Android operating system.

Notice

- Before using the equipment, please read all the safety information in this guide, make sure of safe and proper operation.
- Description of the specifications are based on the default setting of the device.
- Images and screenshots used in this manual may appear different from the actual product.
- Some of the contents in this manual may differ from your device depending on the software of the device or your service provider. Contents are subject to change without notice.
- Available features and additional services may vary by devices, software, or service providers.
- Formatting and instructions for use are based on the Google Android operating system, the operating system may vary with the user.
- Applications and their functions may vary by country, region, or hardware specifications. We shall not be responsible for the performance issues caused by third-party applications.
- The sound source, wallpapers and images provided with the device, are licensed for limited use by owners. Citations for commercial or purposes other than that proposed of the device, is in violation of copyright law. Users shall be responsible for the copyright infringements
- Sending and receiving messages, upload and download of information, automatic synchronization or use of location based services may cause extra costs. To avoid additional charges, please select the appropriate data plan. For more information, please contact your service provider.
- Please keep this guide for future reference.

Indicator

Before using the device, familiarize with the icons in this manual:

Warning - Could hurt yourself or others.

Caution - May damage the device or other devices.

Notice – Notes, tips, or additional information.

→ The next step – A indication of stepped executions that must be followed or the order of menu selection. For example: From the Home screen, open the application list and select **Settings → Wireless and Networks** (represents select **Settings**, next select **Wireless and Networks**).

[ ] Square brackets – Device Key. For example: [⏻] (represents the Power On / Off / Lock key)

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10.6 Do not drop your device or cause impacts to your device 23
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10.10 Do not bite or suck on the device or the battery 24
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10.14 Do not carry your device in your back pockets or around your waist 24
10.15 Do not disassemble, modify, or repair your device 24

10.16 Do not paint or put stickers on your device 25
10.17 When cleaning your device 25
10.18 Do not use your device if the screen is cracked or broken 25
10.19 Do not use the device for anything other than its intended use 25
10.20 Avoid disturbing others when using the device in public. 25
10.21 Do not allow children to use your device 25
10.22 Install mobile devices and equipment with caution 25
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1. Install

1.1 Accessories

Check the product Packaging Box for the following items:

- Host device
- Rechargeable battery
- Battery Charger
- USB data cable
- User Manual
- Warranty card
- Quality certificate

Only applications approved by Google or us can be used. Pirated or illegal software may cause damage or malfunction and the manufacturer will not provide warranty due to this issue.

- Articles provided may vary with your device, it depends on the software or accessories supplied by your service provider in your region.
- You can purchase additional accessories from us or our approved equipment manufacturers.
- The original accessories supplied can provide the best performance for the device.
- Accessories other than those provided with the device may not be compatible.

1.2 Battery Charge

The device is equipped with built-in lithium battery. You must charge the battery before using the device for the first time.

You must use a charger specifically designed for the device to charge the battery. Unapproved chargers may cause batteries to explode or damage your device.

- Users can not replace the original equipped battery with an unapproved one. Please contact your service provider for battery replacement information.
- Only use the charger to charge the battery.
- When the battery is low, the device will emit a warning tone and display a low battery message. The battery icon will appear blank. If the battery is close to exhausted, the device will automatically shut down. Users are required to charge the battery for continual use of the device.
- If the battery is completely discharged, the device cannot be turned on even if connected to the DC power adapter. Charge the depleted battery for a few minutes before turning it on.

1. Plug the charging cable into the charging socket.

Improper connection may cause serious damages to the equipment or power adapter. For any damage caused by misuse will cause warranty to be invalid.

2. Plug the power adapter into a standard power outlet.

·You can use the device while charging it, but this will extend the time to fully charge the battery.

·When the device is being charged, the touch screen may fail due to unstable power. If this happens, unplug the power adapter from the electrical outlet, or disconnect the charging cable from the device.

·The device will become hot during charging. This is normal and will not affect the life or performance of the device.

3. When the battery is fully charged (the battery icon no longer changes), disconnect the power adapter and charging cable, and then disconnect the power adapter from the power outlet.

   It takes about 7 hours to fully charge the equipment. The capacity of battery is 4500 m/Ah.

Please unplug the power adapter to save energy when it is not in use. When using, the power adapter should be pushed tightly to the outlet.

1.2.1 Reduce Battery Consumption

If automatic synchronization or WLAN function are running in the background, the battery will be consumed faster. Turn off unnecessary applications to save battery power. You can also reduce the backlight time and the brightness of the display, or press **[⏻]** to switch to sleep mode when not using the device.

1.2.2 SIM Card

For more comprehensive protection of SIM card, you should always turn off the power or detach the battery before inserting or removing SIM card.

Insert & remove the SIM card.

1. Turn off the power;
2. Remove the battery,
3. Follow the direction sign, insert or remove the SIM card.

1.2.3 Memory Card

1. Securely unload (eject) the memory card or;
2. Turn off the power and remove the battery,

3. Follow the direction sign, insert or remove the TF card.

Please remove the memory card after safely unload it or after power-off, otherwise it may cause system problems. Put insert the memory card into the card slot with contact points area facing down. You will hear a click once it locks.

2 Getting Started

2.1 Turn it On/ Off

For turning on，pressing[⏻]power button for 5 seconds.

For turning off，pressing[⏻]power button for 5 seconds，and then choose **Power Off → Confirm**.

2.2 Knowing the device

2.2.1 Layout diagram

1. Rear camera/ Four-core LED flash	11. SOS button	21. Enter button
2. NFC scanning area	12. USB interface	22. Backward button
3. Copper nuts for hand strap	13. Headset interface	23. Menu button
4. Rotary buckle for battery cover	14. Fingerprint sensor, in 35-degree angle with screen.	24. Front camera
5. Speakers on both sides	15. Model nameplate	25. Status indicator
6. Battery compartment	16. Speaker	26. Volume + button
7. Hand strap holes	17. HOME button	27. Volume - button
8. Product description plate	18. Search button	28. Power key/ wake-up button
9. Photo key	19. Shipping mark	29. DC interface
10. Customizing button	20. Direction button	30. Charging dock contactors

2.2.2 Buttons

Buttons	Functions
Power on/off/lock button	Power on（Press and hold）; Lock the touch screen
Volume up button	Increase the Volume
Volume down button	Decrease the Volume
Photo button	Take photos
Customizing button	Start Hisign application
SOS button	Call when emergency by click SOS

2.2.3 Indicator

The icon on the display may be different depending on your region or service provider.

Icons	Definitions
10:00	Current time
	Connected to the computer
	Downloading data
	Uploading data
	Connected to the WLAN
	Battery level

	Synchronized with Web
	An error occurred or need attention
	Incoming E-mail Message

2.3 Touch screen

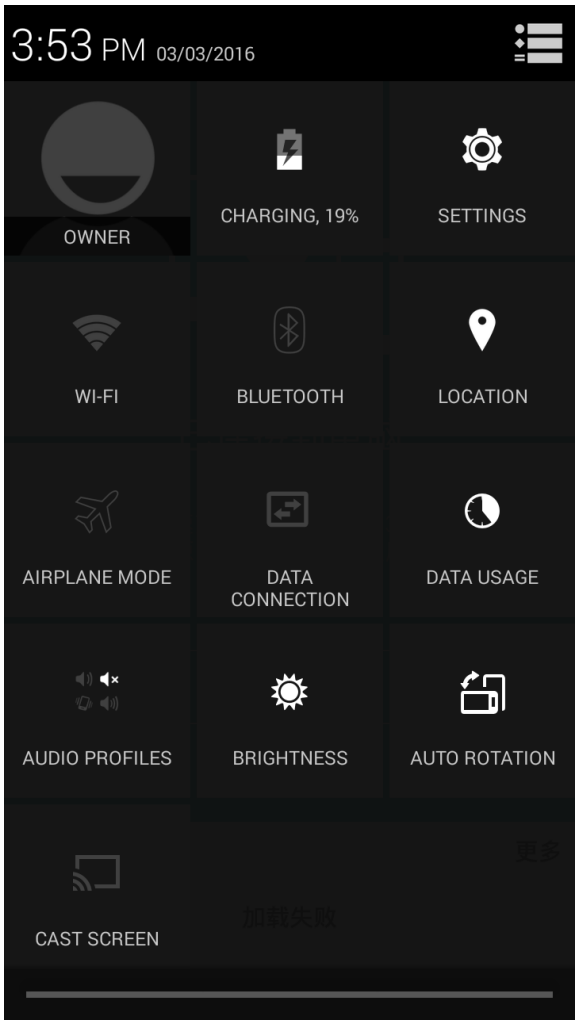
Using the device's touch screen could let you can easily select items or perform functions. Learn the basic operations of the touch screen.

	• To avoid scratching the touch screen, do not use sharp tools. • Prevent the touch screen from contact with other electronic devices. Electrostatic discharges can cause the touch screen malfunction. • Protect the touch screen against splashing water. The touch screen may malfunction in high humidity.
	• Touch screen has a detect layer to detect weak electric charge emitted by the body. Kindly use a fingertip to tap the touch screen for best performance. • Perform the following actions to control the touch screen: • Click: Tap once to select or launch a menu, option, or application. • Tap and hold: Tap on an item for 2 seconds or more. • Dragging: Tap on an item and move to the desired location without lifting the finger. • Double-click: Tap on an item twice quickly. • Slide: Scroll up, down, left, or right to browse the list or screen.

	If you do not use the device for a specified period of time, the device will turn off the touch screen. To turn on the screen, press **[⏻].** You can also adjust the backlight time to sleep. From the Home screen, open the application list and select Settings → Display → Sleep.

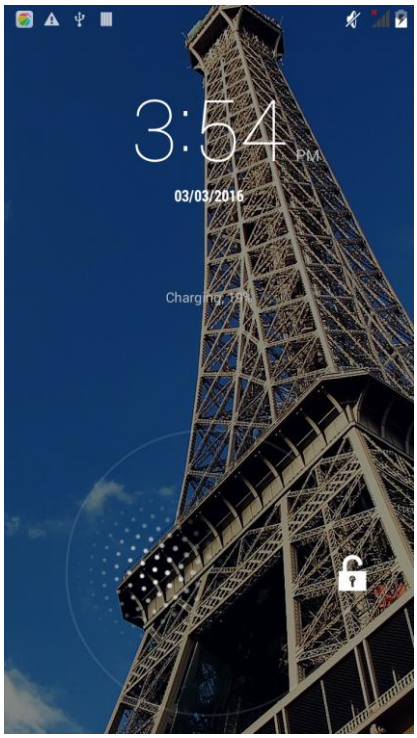
2.3.1 Rotating Touch Screen

There is a built-in motion sensor in the equipment to detect its orientation. If you rotate the device, it will automatically rotate display on the touch screen according to the device orientation.



- To set the screen orientation remains unchanged, click **Settings→Display→Auto-rotate screen.**
- Or, turn off auto-rotate screen through quick set up by sliding down the **Status Bar on top of the screen→Auto-rotate screen**

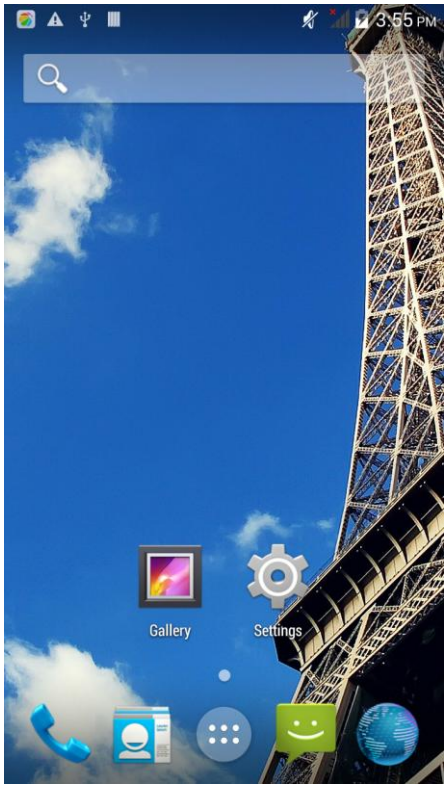
2.3.2 Lock & Unlock the Touch Screen



- If the equipment is not used for a specified period of time, the device will automatically turn off and lock the touch screen to prevent accidental operation of the device. To manually lock the touch screen, press [⏻]
- To unlock, press [⏻], and then drag 🔓 in any direction until it reaches the edge of the ring. If you set up a screen lock, you need to enter a password or draw a pattern to unlock it.

2.4 Understanding the home screen

After unlocking the home screen to enter the desktop, all your installed programs will be displayed on the desktop. You can click the icon to open the corresponding program; you can also press and drag the icon to change order. If you want to uninstall an application, drag the icon on to the trash icon at the top. When the device is in standby mode, you can see the home screen, in which you can view the device's status and access applications. Scroll left or right to switch home screen panels.

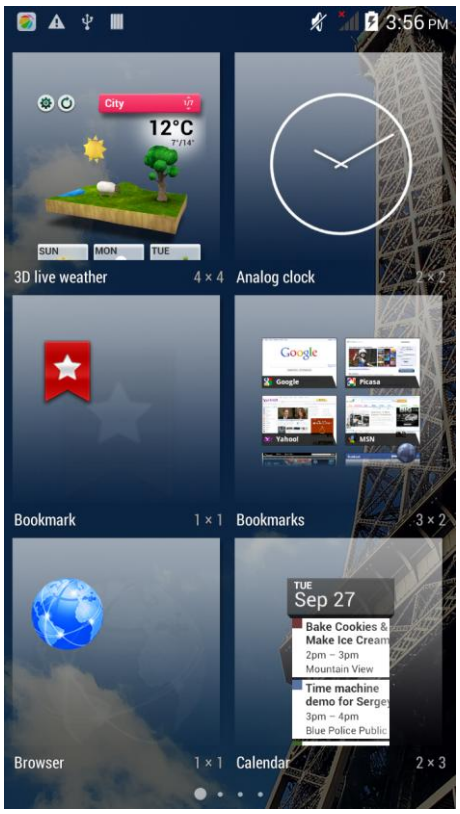


1: Status Bar
2: Open the Applications panel
3: Desktop controls and shortcuts

2.4.1 Adding items to the home screen

You can customize the home screen by adding applications or application items, widgets, or shortcuts of folders to it.

To add items to the home screen:



1. Tap and hold on the main screen, widgets options appears;
2. Select the item category;
   • Application: On the home screen, add a shortcut to the application;
   • Widgets: Widgets is an application that provides convenient functions and information on the main screen;
3. Select the item you want to add to the home screen, long press, move to desired position according to prompt.

2.4.2 Move items on the home screen

1 Press the item icon, until the main screen grid appears;

2 Drag the item to the desired location.

2.4.3 Remove items from the Home screen

1 Press the item you want to remove; Recycle Bin "X deleted" icon appears on the main screen edge;

2 Drag the item on to the "X deleted" icon;

3 When the items and "X deleted" icon change colors, release the item.

2.4.4 Add shortcuts for applications

1 From the application list, tap and hold an application icon; Shortcut icon for the application will be added to the main screen;

2 Move the icon to the desired location or move it to another panel of the main screen.

2.5 Access Applications

1. From the main screen, click [⋮⋮⋮] to display the **application** list, click to open the desired application;

2. To view the downloaded application, select **Settings → Applications**.

2.6 Customize the Device

According to personal preferences, customizing the device can realize more functions.

2.6.1 Change the Display Language

1. From the Home screen, open the application list and select **Settings → Language and input → language**;

2. Select the desired language.

2.6.2 Set the current date and time

1. From the Home screen, open the application list and select **Settings → Date and Time;**

2. Select your time zone, set the date and time, and change other options.

2.6.3 Turn on or off touch tone

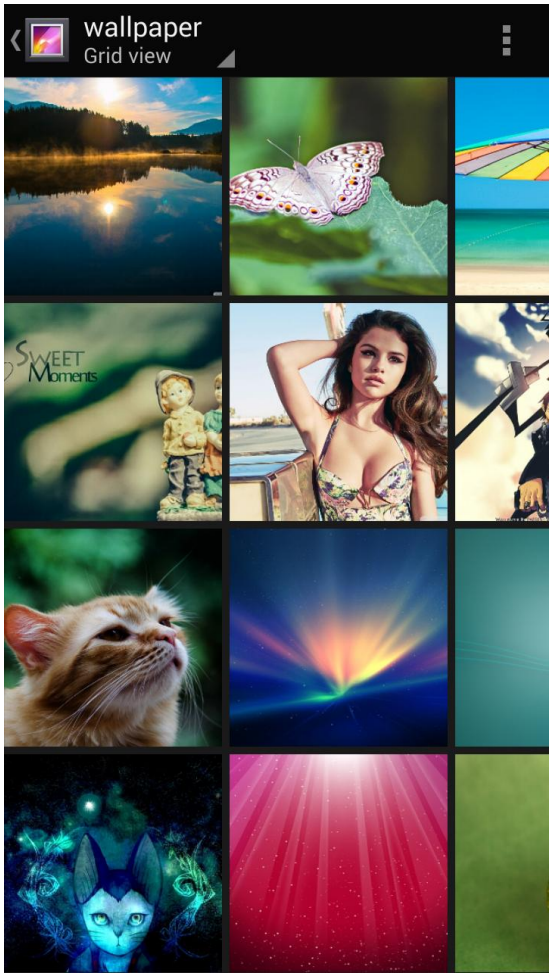
- From the Home screen, open the application list and select **Settings →Profiles → Standard → touch tone**;

2.6.4 Adjust the volume on the device

1. Open the **Settings → Profiles → Standard → Volume;**

2. Drag the slider to adjust the volume of the media and notification volume

2.6.5 Select the wallpaper of the Home screen.



1. Press on blank area of the Home screen, select the type of wallpaper you need from the pop-up menu
2. Wallpaper: wallpaper is the built-in system wallpaper.
   Live Wallpaper: live wallpaper built in with the system or user installed

we will not be responsible for the preset image or wallpaper in devices.

2.6.6 Adjust the display brightness

1 From the Home screen, open the application list and select **Settings** → **Display** → **Brightness**;

2 Drag the slider to adjust the brightness level;

3 Select OK.

Display brightness level will affect the battery power consumption speed.

2.6.7 Set up screen lock

You can lock the touch screen to prevent unauthorized use of the device by using the unlock pattern or password.

• If you have set up the screen lock, you will be asked to enter the unlock code whenever you power on the device or unlock the touch screen.

• If you forget your password, the device needs to be sent back to us, we'll reset it for you.

• We are not responsible for the security code or private data loss or other damages caused by the use of illegal software.

Setting unlock password

1. From the Home screen, open the application list and select **Settings → Security → Screen lock → Password;**
2. Enter a new password (alphanumeric) and select **Continue**;
3. Enter the new password again and select **OK**;

2.7 Input text

You can select a character on the virtual keyboard to enter text.

Some languages are no supported. When inputting text, you need to change the writing language to a supported language.

2.7.1 Use Google Input method

1. From the Home screen, open the application list and select **Settings → Language and input → default →Google Input method;**
2. Use the virtual keyboard to enter text.

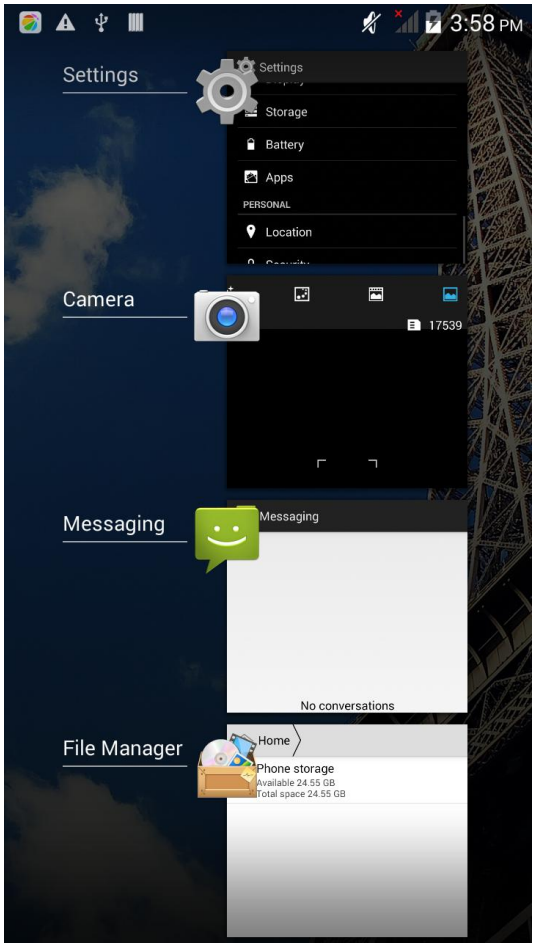
1：Change Case
2: switch between digital / symbols and text mode
3: Collapse virtual keyboard
4: Clear input
5: Complete

2.7.2 Copy and paste text

When entering text, you can use the copy and paste function to use text in other applications.

1. Tap and hold the word;
2. Drag or to select the desired text;
3. Select **Copy** to copy the text, or select **Cut** to cut the text, to the clipboard;
4. In another application, tap and hold the text input field;
5. Select **Paste** to paste texts from the clipboard into the text input field.

2.8 Multi-task switching



The device supports running multiple tasks simultaneously. To switch in between multiple tasks, you only need to press "main screen key" in the unlocked status and select the program you want to switch to.

3 Camera and pictures viewing

3.1 Camera

Learn how to capture and view photos and videos. Launch the camera program to take high-quality photos. Fast focusing, continuous shooting, timing, effects, and more professional camera modes are supported. To shoot video, you need only to switch to shooting mode from the menu. 720P high-quality video recording is supported.

Depending on the scene or shooting conditions, the storage size may be different.

1. From the Home screen, open the application list and select **Camera** to turn on the camera;
2. Make any necessary adjustments;
3. Select to take pictures;

Photos are automatically saved;

After taking pictures, select the image viewer icon to view the photographs.

• To view more photos, scroll left or right. You can also click the bottom of the screen to view photo thumbnails.

• To zoom in or out, place two fingers on the screen, open wide or close up, and then release your fingers (Folding two fingers will zoom out), or double-click on the screen.

• To start a slide show of images, select **Menu → slideshow**. Tap the screen to stop the slideshow.

• To send a photo to others, select.

• To delete a photo, select.

• To view photo details, select **Menu → Details**.

• To rotate the picture counterclockwise, select the **menu →Rotate Left.**

• To rotate the photo clockwise, select **Menu →Rotate right.**

• To set the photo as wallpaper, select the **menu → The picture settings.**

• To crop an image from a photo, select **Menu → crop.**

• For simple photo processing, select **Menu → Edit.**

3.2 Gallery

Learn how to view and play photos and videos stored in the device memory. Gallery allows to view pictures by path folder. You can double-click or toggle two fingers to zoom a single picture. You can slide left or right to switch to the previous or next image. Tapping the image can display or hide the control menu.

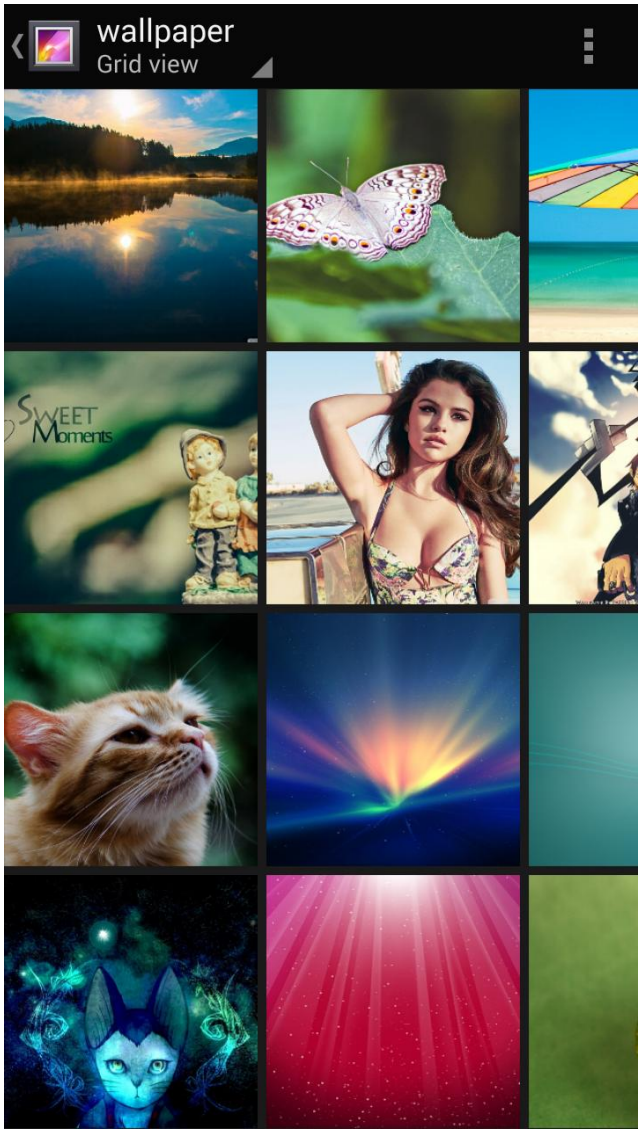
3.2.1 Supported file formats

Type	Format
Picture	bmp、gif、jpg、png
Video	rmvb、rm、mp4、avi、wmv、mkv、mov、flv、3gp

•Some file formats are not supported, which depends on the device's software.

• If the file size exceeds the available memory, an error occurs when opening the file.

3.2.2 View photos



1 From the Home screen, open the application list and select **Gallery**;

2 Select the folder;

3 Select the photos you want to view;

When viewing a photo, use the following options:

• Scroll left or right to view more photos. You can also click the bottom of the screen to view photo thumbnails.

• To zoom in or out, place two fingers on the screen, , place two fingers on the screen, open wide or close up, and then release your fingers (Folding two fingers to zoom out), or double-click on the screen.

• To start a slide show of images, select **Menu → slideshow**. Tap the screen to stop the slideshow.

• To send a photo to others, select

• To delete a photo, select .

• To view photo details, select **Menu → Details.**

• To rotate the picture counterclockwise, select the **Menu →Rotate Left.**

• To rotate the photo clockwise, select **Menu →Rotate right.**

• To set the photo as wallpaper, select the **Menu → The picture settings.**

• To crop an image from a photo, select **Menu → crop.**

• For simple photo processing, select **Menu → Edit.**

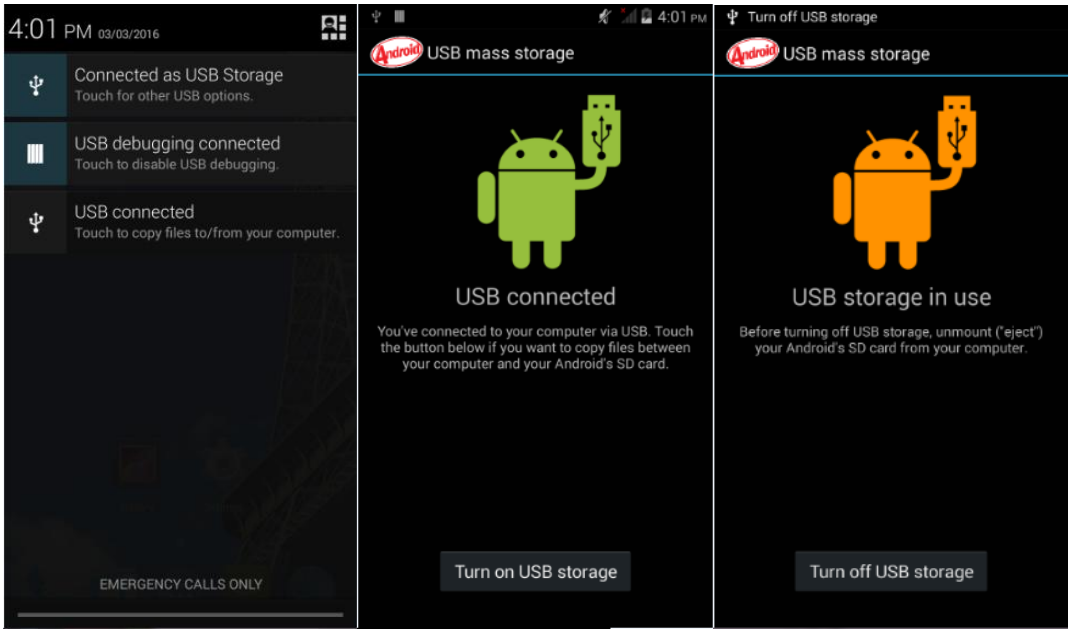
4 Connections

Used as removable storage

Before connecting the computer, make sure **Settings → Developer Options → USB debugging** has been turned off.

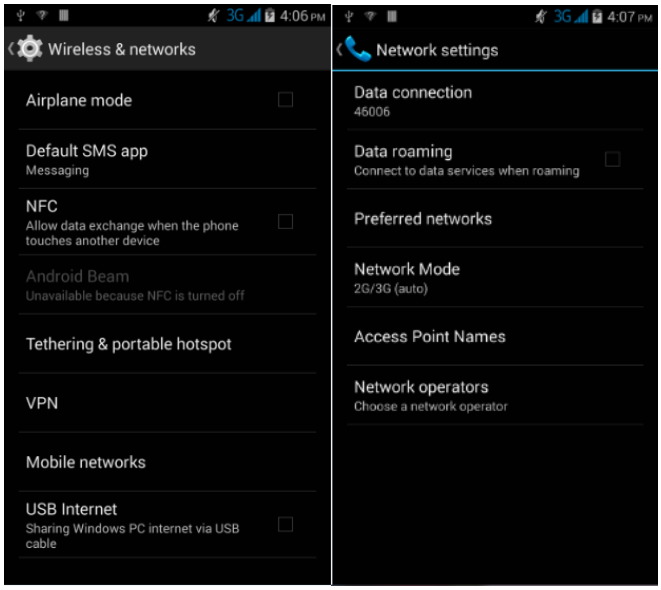
4.1 Connection with computer

1. Connect the equipment and computer with the data cable;
2. Pull down **the status bar at the top of the screen → USB is connected → Turn on USB storage devices;**



4.2 3G Connection

Learn how to use the device's 3G wireless network capabilities. You can access the Internet via the 3G.



1. From the Home screen, open the application list and select **Setting → Wireless and Networks → Other → Mobile networks**.
2. Select **mobile networks settings** from the Menu if necessary.
3. Once set up, you can access the Internet via the 3G.

4.3 VPN Connection

You can create a virtual private network (VPN) connect to your private network through a public network such as the Internet.

Device has been configured with an Internet connection. If you fails to access internet, you need to edit the connection. If you are not sure of the connection information to enter, please consult your service provider.

4.3.1 Setting up a VPN connection

1. From the Home screen, open the application list and select **Settings → Wireless & Networks → More → VPN → Add VPN.**
2. Select a VPN type

3. Customize the connection information
Available selection depends on the VPN type.
4. Select **Save** when finished.

5. NFC and fingerprint sensor modules

5.1 Antenna sensing zone of NFC module is on the back of the device. When you open the Hisign application and put the NFC tags on the NFC antenna sensing zone when prompted, its information will be read in to the device.

NFC module will normally work in a condition of opening UART1. Select **settings-developer options-select UART1.**

5.2 fingerprint sensor module

Fingerprint collection module is in the top front of the device. When you open the Hisign application and and press your finger on it when prompted, the fingerprint image will be collected.

6 Tools

6.1 Calculator

Learn how to perform mathematical calculations on the device.
1. Open the application list and select the **calculator** from the Home screen.
2. Use the keys that correspond to the displayed calculator to perform basic or scientific computing.

6.2 File Browser

Learn how to quickly and easily access all images, video, music, sound clips, and other types of files stored on the device.

6.2.1 File Formats Supported

Type	Format
Picture	bmp, gif, jpg, png
Video	Rmvb, rm, 3gp, mp4, avi, wmv, flv, mkv, mov
Audio	Mp3, wma, ogg, ape, flac, aac, wav

- Some file formats are not supported. It is depending the applications on the device.
- If the file size exceeds the available memory, an error occurs when you open the file.

6.2.2 Open the files

1. Open the application list and select **File Management** from the Home screen.
2. Select the folder.
   - To move up a level in the file directory, select .
3. Select a file to open.

6.2.3 Copy or move files

1. Open the application list and select **File Management** from the Home screen.
2. Press the folder or file to copy or move until the pop-up edit menu.
3. Select **Copy** or **Cut**.
4. Locate the destination folder and choose **Edit → Paste**.

6.2.4 Delete Files

1. Open the application list and select **File Management** from the Home screen.
2. Press the folder or file to delete until the pop-up edit menu.
3. Select **Delete → Yes**.

7 Settings

Access Settings

1. Open the application list and select **Settings** from the Home screen.
2. Select Settings category, then select Options.

7.1 Sound

Change different sound settings.

- **Volume**: Adjust the volume of media, alarm, and notification.
- **Ringtone:** Select a ringtone to alert events.
- **Touch Sounds:** Set the device to sound when you select an application or an option on the touch screen.
- **Screen Lock Sound**: Set the device to sound when you lock or unlock the touch screen.

7.2 Display

Change the display settings.

- **Brightness:** Set the brightness of the display.
- **Wallpaper:** Set wallpaper.
- **Auto-rotate screen:** Set whether to automatically rotate display contents when you rotate the device.
- **Sleep:** Set the length of idle time before closing the display backlight.
- **Font Size:** Set the system font size.

7.3 Storage

Check the usage of memory and SD card.

7.4 Battery

Check the battery usage.

7.5 Applications

Change the management settings of the applications installed into the device.

- **Downloaded:** access the list of applications that has been installed in the device and view application information.
- **Wallpaper:** View service being used and access the service for management.
- **All:** View all applications, including the built-ins

7.6Accounts and synchronization

Change the automatic synchronization function settings or manage the account you want to synchronize.

7.7 Location Based Services

- **Google's Location Service:** Set to use the wireless network to view the location in your application.
- **Location and Google Search:** Allows Google to use your location information to improve search results.

7.8 Security

Change the setting to protect the equipment.

- **Screen lock:** Set the unlock security code.
  - No: Disable the screen lock.
  - Slide: Drag the circle to the specified location to unlock.
  - Pattern: Set unlock pattern for unlocking the screen.
  - PIN: Set a password (numeric) to unlock the screen.
  - Password: Set a password (numbers + letters) to unlock the screen.
- **Encrypt the device:** Set password to power on the device.
- **Select the Device Manager:** View Managers installed on the device. Bootable Device Manager to apply the new rules.
- **Unknown Sources**: Select to download applications from any source. If you do not select this option, the device can only downloaded from the **Android Market**.
- **Trusted Credentials:** Use certificates and credentials to ensure the safe use of various applications.
- **Installation From the SD Card:** install the encryption certificate stored in a USB storage device.
- **Clear Credentials:** delete the contents of the device credentials and reset the password.

7.9 Language & input

Change the text input settings.

- **Select Language:** Select the display language for all menus and applications.
- **Keyboard Settings:**
  - IFlyTek Input: Input Chinese & English.
  - Android Keyboard: Input English.

7.10 Voice

- Text-to-Speech (TTS) output:
  - **Preferred engine**: change the speech synthesis engine for voiced text.
  - **Install voice data:** Download and install voice data required for speech synthesis.
  - **Language:** set the language to use for text-to-speech function.
  - **Speed:** The play speed after convert text into speech.
  - **Listening Example:** Listen to the spoken word as an example. Install voice data for using text to speech conversion.

7.11 Pointer speed

Moving speed of the pointer when a mouse is connected.

7.12 Backup and Reset

- **Restore factory setting:** The device is reset to the default settings and all data is deleted.

7.13 Date and Time

Access and alter the following settings to control the display of date and time:

If the battery is exhausted, the date and time will be reset.

- **Auto:** When crossing time zones, the date and time will update automatically (Need network support).
- **Set date:** manually set the current date.
- **Set time:** manually set the current time.
- **Select time zone:** set the local time zone.
- **Use the 24-hour clock:** Set to display time in 24-hour mode.
- **Select Date Format:** To select the date format.

7.14 Auxiliaries

System auxiliary settings.

7.15 Developer Options

- Options used when the developer debug the system.
- When using third-party PC management software, you may need to turn USB debugging option on.

7.16 About the Device

- Display related information and inspect equipment status, etc.

8.0 Troubleshooting

8.1 Touch screen responds slowly or improperly

If the device touch screen is not responding properly, try the following:

- Make sure your fingers are clean and dry when tapping the touch screen.

- Restart the device to clear any temporary bugs.
- Ensure that the device applications are upgraded to the latest version.

8.2 The device freezes or has fatal errors

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality. If the device is frozen or responds slowly, press the power on/off button and hold on, the device will automatically restart. If the problem persists, you can also perform a factory data reset. On the Applications screen, tap **Settings →Privacy→ Factory data reset → Reset device → Erase everything.**

8.3 The device beeps and the battery icon is flashing

Your battery is low. Recharge the battery to continue using the device.

8.4 The battery does not charge properly or the device turns off

If the battery no longer charging properly, please send it back to us.

8.5 The device displays error messages of network or services

When you are in areas with weak signals or poor reception, you may lose connection.

Move to other area and try again.

You cannot access some options without a subscription. Contact your service provider for more details.

8.6 The device is hot to touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to touch. This is normal and should not affect your device's lifespan or performance.

8.7 Error messages appear when launching the camera

Your device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery.
- Free some memory by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact our service center.

8.8 Error messages appear when opening music files

Some music files may not play on your device for a variety of reasons. If you receive error messages when opening music files on your device, try the following:

- Free some memory by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate license or key to play the file.
- Ensure that your device supports the file type.

8.9 A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your computer.

9 Safety precautions

To protect yourself and others from harm or to protect your equipment from damage, please read all of the following information before using your device.

9.1 Warning: Prevent electric shock, fire, and explosion !

Do not use damaged power cords or plugs, or loose electrical sockets
Do not touch the power cord with wet hands, or disconnect the charger by pulling on the cord
Do not bend or damage the power cord
Do not use your device while charging or touch your device with wet hands
Do not short-circuit the charger or the battery
Do not drop or cause an impact to the charger or the battery
Do not charge the battery with chargers that are not approved by the manufacturer
Do not use your device during a thunderstorm. Your device may malfunction and your risk of electric shock is increased.

9.2 Do not use damaged or leaked battery

For safe disposal of batteries, please contact the nearest authorized service center.

9.3 Handle and dispose of batteries and chargers with care

- Use only Manufacturer-approved batteries and chargers specifically designed for your device. Incompatible batteries and chargers can cause serious injuries or damage to your device.
- Never dispose of batteries or devices in a fire. Follow all local regulations when disposing of used batteries or devices.
- Never place batteries or devices on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

9.4 Protect the device, batteries, and chargers from damage

- Avoid exposing your device and batteries to very cold or very hot temperatures.

- Extreme temperatures can cause the deformation of the device and reduce the charging capacity and life of your device and batteries.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and – contactors of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

Note: When using the device in a restricted area, please observe all safety warnings and regulations

9.5 Turn off your device where prohibited

Comply with all regulations that restrict the use of a mobile device in a particular area.

9.6 Do not use your device near other electronic devices

Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

9.7 Do not use your device near a pacemaker

- Avoid using your device within a 15 cm range of a pacemaker if possible, as your device can interfere with the pacemaker.
- If you must use your device, keep at least 15 cm away from the pacemaker.
- To minimize the possible interference with a pacemaker, use your device on the opposite side of your body from the pacemaker.

9.8 Do not use your device in a hospital or near medical equipment that can be interfered with by radio frequency

If you personally use any medical equipment, contact the manufacturer of the equipment to ensure the safety of your equipment from radio frequency.

9.9 If you are using a hearing aid, contact the manufacturer for information about radio interference

Some hearing aids may be interfered with by the radio frequency of your device. Contact the manufacturer to ensure the safety of your hearing aid.

9.10 Turn off the device in potentially explosive environments

- Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refueling points (service stations), near fuels or chemicals, or at blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

9.11Turn off your device when in an aircraft

Using your device in an aircraft is illegal. Your device may interfere with the electronic navigation instruments of the aircraft.

9.12 Electronic devices in a motor vehicle may malfunction due to the radio frequency of your device

Electronic devices in your car may malfunction due to radio frequency of your device. Contact the manufacturer for more information.

10 Proper care and use of your mobile device

10.1 Do not put your device on slopes

If your device falls, it can be damaged.

10.2 Do not store your device in hot or cold areas. Use your device at -10°C to 50℃

Your device can explode if left inside a closed vehicle, as the inside temperature can reach up to 80 ℃.

- Do not expose your device to direct sunlight for long periods of time (such as on the dashboard of a car).
- Store the battery at -40 ℃ to 80 ℃.\

10.3 Do not store your device with such metal objects as coins, keys and necklaces

- Your device may become deformed or malfunction.
- If the battery terminals are in contact with metal objects, it may cause a fire.

10.4 Do not store your device near magnetic fields

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.
- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.
- Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

10.5 Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers

- The battery may leak.
- Your device may overheat and cause a fire.

10.6 Do not drop your device or cause impacts to your device

- The screen of your device may be damaged.
- If bent or deformed, your device may be damaged or parts may malfunction.

10.7 Reduce the risk of repetitive motion injuries

When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.

10.8 Ensure maximum battery and charger life

- Avoid charging batteries for more than ten hour, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purposes.

10.9 Use batteries, chargers, accessories and supplies approved by us

The lifespan of device will be shortened and the device will malfunction by a use of universal battery or charger.

We are not responsible for the security problem if unauthorized use of accessories or supplies by customers.

10.10 Do not bite or suck on the device or on the battery

- Doing so may damage the device or cause explosion.
- If children use the device, make sure that they use the device properly.

10.11 When speaking on the device：

- Speak directly into the microphone.
- Avoid contact with your device’s internal antenna. Touching the antenna may reduce the call quality or cause the device to transmit more radio frequency than necessary.

10.12 Protect your hearing and ears when using a headset

- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while driving may distract your attention and cause an accident.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.
- In dry environments, static electricity can build up in the headset. Avoid using headsets in dry environments or touch a metal object to discharge static electricity before connecting a headset to the device.

10.13 Use caution when using the device while walking or moving

Always be aware of your surroundings to avoid injury to yourself or others.

10.14 Do not carry your device in your back pockets or around your waist

You can be injured or damage the device if you fall.

10.15 Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your warranty. For service, send your device to our center.
- Do not disassemble or puncture the battery, as this can cause explosion or fire.

10.16 Do not paint or put stickers on your device

Paint and stickers can clog moving parts and prevent proper operation. If you are allergic to paint or metal parts of the product, you may experience skin itching, eczema, or skin swelling. When this happens, stop using the product and consult your physician.

10.17 When cleaning your device

- Wipe your device or charger with a towel or a rubber.
- Do not use chemicals or detergents.

10.18 Do not use the mobile phone if the screen is cracked or broken

- Broken glass could cause injury to your hands and face. Send the device to our service center to have it repaired.

10.19 Do not use the device for anything other than its intended use

10.20 Avoid disturbing others when using the device in public

10.21 Do not allow children to use your device

1.1 Your device is not a toy. Do not allow children to play with it as they could hurt themselves and others or damage the device.

10.22 Install devices and related equipments with caution

- Ensure that any devices or related equipments installed in your vehicle are securely mounted.

- Avoid placing your device and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

10.23 Allow only qualified personnel to maintain your device

Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer’s warranty.

10.24 Handle memory cards with care

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data, or damage to the card and device.
- Protect cards from strong shocks, static electricity, and electromagnetic interference from other devices.
- Do not touch golden-colored contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

10.25 Handle SIM cards with care

- Prevent damage to the SIM card, you should always turn off the power before inserting or removing the card.

10.26 Keep your personal and important data safe

- While using your device, be sure to back up important data. We are not responsible for data loss.
- When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information.

10.27 Do not distribute copyright-protected material

- Do not distribute copyright-protected material that you have recorded to others without the permission of the content owners. Doing this may violate copyright laws. We are not liable for any legal issues caused by the user’s illegal use of copyrighted material.

Disclaimer

- Unless authorized in written by the application content or service provider, No content or service displayed on this equipment shall be modified, copied, republished, uploaded, posted, transmitted, translated, sold, used in creating derivative products or developing, or distributed, in any way, any form.
- We do not provide any expressed or implied warranties on any third-party content or service the user used with this device, regardless of whatever purpose. We expressly disclaims any implied warranties, or agreed terms or conditions by statute, common law or otherwise [including but not limited to merchantability or for a particular purpose applicability]. Under any circumstances (including negligence), use of any content or services provided by third parties through this device, even if the advance has been advised on the possibility of such damages whether in contract or tort, for any direct, indirect, incidental, special or consequential loss or damage and compensation fees, attorney fees, various expenses or therefore arising any other loss or damage, or any information contained in the connection, or by you or by any third party to use any content or service caused results, we do not provide assurance on its accuracy, validity, timeliness, legality or completeness.

• Third-party services may stop or interrupt at any time. We are not assuming any liability or guarantee for any period of our content or services that can be used. Content and services are transmitted by third parties through the network and transmission equipment which is outside of our control. In addition to the generality of this disclaimer, we also make it clear that we do not assume any responsibility or liability on any interruption or delay of any content or service used by the device.

•We are neither responsible nor liable on customer service of third party's designs and services. Any service requirements on content or services should be charged of directly by the content or service provider.

FCC RF EXPOSURE INFORMATION:

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Outer FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION:

This device was tested for typical body-worn operations with the back/front of the phone kept 1cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1cm must be maintained between the user's body and the back/front of the phone, including the antenna. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories that cannot maintain 1cm separation distance between the user’s body and the back/front of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided. For more information about RF exposure, please visit the FCC website at www.fcc.gov

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSIC95.1> (1992) / <NCRP Report 86> (1986) / <ICNIRP> (1999)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

NORMAL POSITION:

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

RF Exposure Information:

This product is compliance to FCC RF Exposure requirements and refers to FCC website https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm search for FCC ID: 2ADJEHXI6150CT

to gain further information include SAR Values.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help

Do not use the device with the environment which below minimum -10℃ or over maximum 50℃, the device may not work.

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

Ad Hoc function is supported but not able to operate on non-US frequencies.