User Manual

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(1)1 Introduction

1.1 Acknowledgement

Thanks for your purchase of our product.F215，is a 21.5 inches high clear board computer. Its CPU is MT8176, it is based on Android 8.1 operation system, and easy to expand the third application procedure.

The product is designed with various functions, including WIFI, BT, voice call and so on. It is easy to achieve wireless communication and internet, you have access to surf the internet anytime and anywhere; it is also built with high accuracy GPS module, so that it can be used for navigating through installing map software. There are many sensors which offer you brand-new operation and entertainment; besides, it has camera shooting, which leads electronic consumption to enter into a fresh palm internet entertainment time.

The manual systemically introduces the functions, use techniques and announcements, please read this manual carefully before your operation.

1.2 Announcements

Preventive maintainance

- Please always keep the MID dry. To avoid the device short trouble, corrosion fault and electric short, please prevent the device, battery and charger from water and moisture, and don’t operate the device or charger by wet hand.

- To avoid failure of device, battery and charger, please prevent the device, battery, charger from violent shock or shake.

- To avoid failure of device, battery and charger, please prevent the device, battery, charger of all over heating or too cold circumstance

- Never shock, throw, prod the MID, or drop, extrude, bend the MID.

- Never disassemble the device and accessories arbitrarily, otherwise the device and accessories are not in our company warranty scope.

1.3 Safety Instruction

Before the operation of the MID, please read this chapter and teach your kids about these

information. For further details, please refer to the safety instructions and announcement.

- Never use the MID when driving car, in order to ensure safe driving.
- In the medical area, please abide by related rules and regulations. Please shut down the MID when it is near to the medical area.
- To avoid the wireless signal to interrupt the plane- controlled signal, please shut down the MID or using airplane mode when you are boarding a flight,
- To avoid electronic equipment failure, please shut down the MID in the vicinage of high-accuracy electronic equipments.
- Please don't disassemble the MID and accessories. Only authorized agent has access to service the MID.
- Please keep the MID far away from magnetic equipments, the radiation of MID may erase the data stored in the magnetic equipments.
- Never use the MID in the vicinage of high temperature, inflammable gas (gas station).
- Protect the MID and accessories from kids reach scope, and avoid the kids to use the MID without parents' supervision.
- Please comply with related rules and regulations, and respect others' privacy and legal rights while using the MID.
- Please strictly adhere to related instructions in the manual when using USB cable to ensure the safety of the MID or PC.
- Never use the MID in bathroom or other humid environment, and please protect the MID from liquid wash or wet.

(2)2 MID Introduction

2.1 MID Operation and Preparation

Battery Charging

If this navigator is first used, please use AV adaptor to fully charge it.

1. Apply the power adptor to charge for MID.

2.2MID Status and Reminder

Reminder icons

When some remind message appears in your reminder window, please click column and slip the screen to open the reminder list. Choose the menu you need, and confirm the information. Then you can close the reminder window through clicking the column to slide up. Please refer to below status icons:

	New email		Airplane Mode on
	Return button		Downloading
	Display recently-used application		Home button
	Current electric volume.		WIFI connected, internet is available

Reminder board

Reminder icons will work while receiving emails, WIFI is open, you can open the reminder board to view the detailed information.

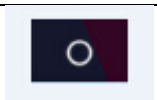
Open the reminder board

When the reminder column shows new reminder icon, please hold the column and slip down your finger, then the reminder board is opened.

(3)3 Quick Start Guide

3.1 Keys Function

Keys Funcction Description:

Power button	Short press to sleep/wake up, long press to startup and shutdown.
Volume +（up）	increase the volume
Volume -（down）	decrease the volume
HOME button  （ home ）	Click it in any interface will return to main interface.
Back button （back）	click it in any interface will return to previous menu
Menu button	Desktop slides up to the menu
Setting button	display recently browsed history

3.2 Startup and Shutdown

Startup

Long press **POWER key for three seconds,** you can enter into startup picture. The system enters into screen lock status, please unlock it.

Shutdown

1. Long press POWER, it will popoup shutdown window.
2. Shutdowm window contains mute mode, airplane mode,reboot mode and shutdown four options.
3. Click Shutdown is the last step.

3.3 Open and Close of the Screen

Screen will be closed on its own when no operation happens.

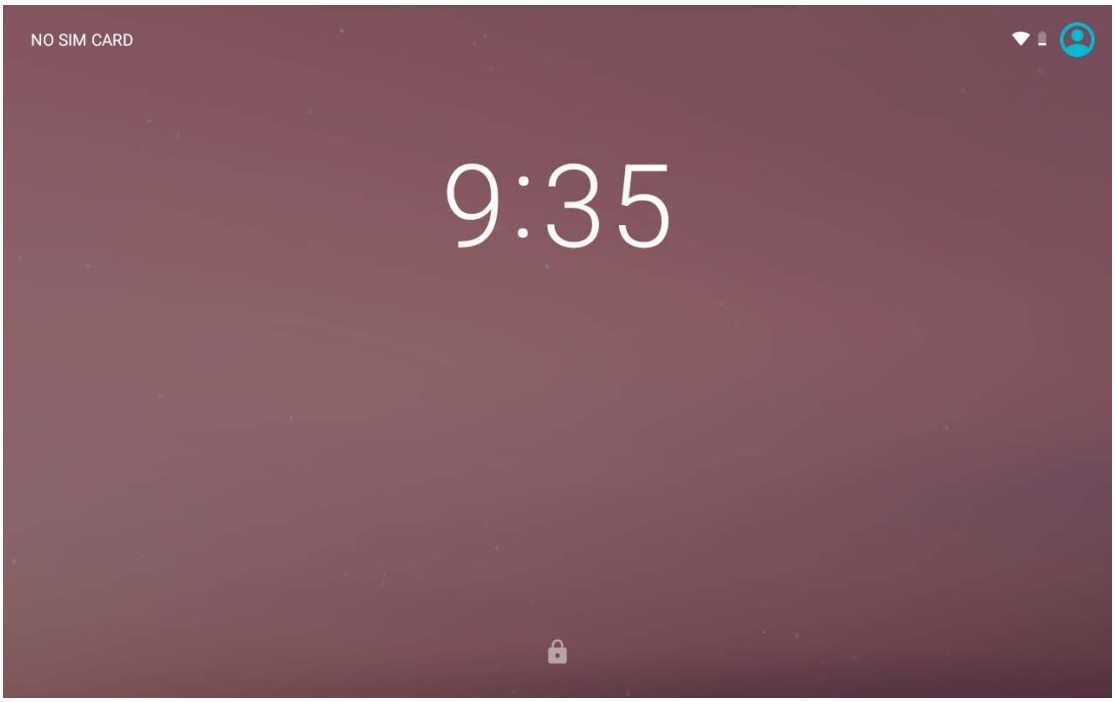
1. Screen will be closed on its own if no operation happens for some time to save battery

power

2. When screen is open, press POWER key, the screen will be closed immediately.

Open the screen when it is closed.

When the screen is asleep closed, you can click the ‘POWER’ button to wake up the screen. Open the screen and enter the lock, Click on the "small lock" on the screen to move up and down to unlock the screen; click on the ‘microphone’ icon to the center of the screen slide into the voice search interface; click on the screen into the "camera" icon into the camera to the center of the screen slide.



Picture 3.1

3.4 Usage of Touch Screen

MID operating methods

There are below methods to view the main screen, menu and application procedure in your MID.

Click

When you want to use the screen keyboard typing or choose application in the main interface, you only need to touch it by your finger.

Press on

If you want to open some item(textbox or the link in the webpage), or shortcut and main procedure move, you can press on this item.

Quickly slide or slide

Quickly slide or slide indicates make quick vertical or horizoncial movement by finger.

Pull

Before you pull, you need to hold the it with strenghth until you pull it into the position you want.

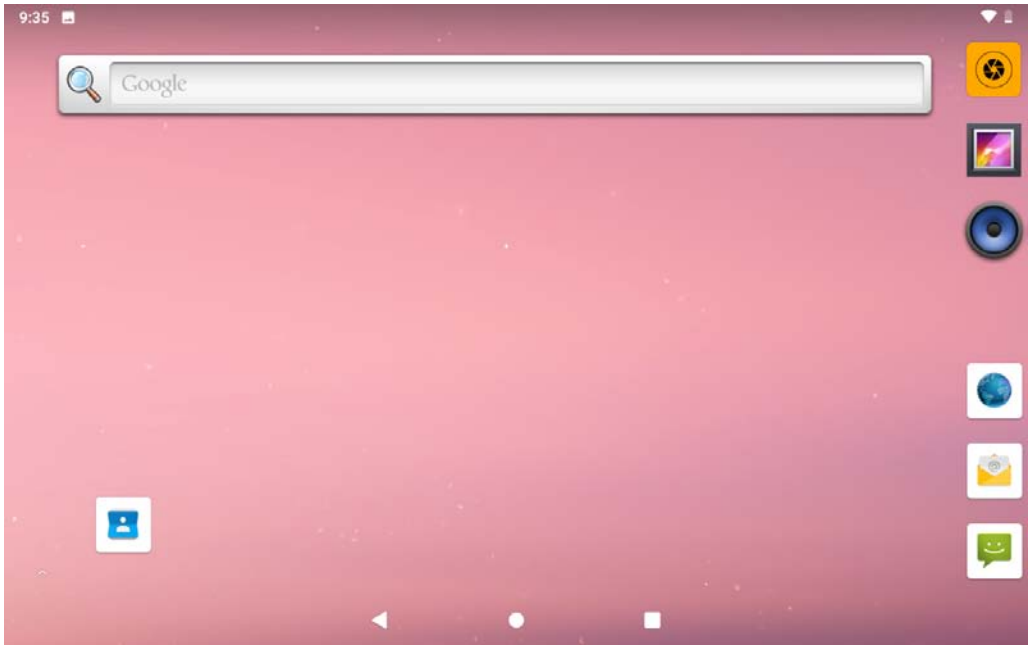
Rotate

For most pictures, you only need to retate the MID sidewise to change the screen direction from

horizoncial to vertical. For instance, when you are typing wods, and watching movies.

3.5 Home Page

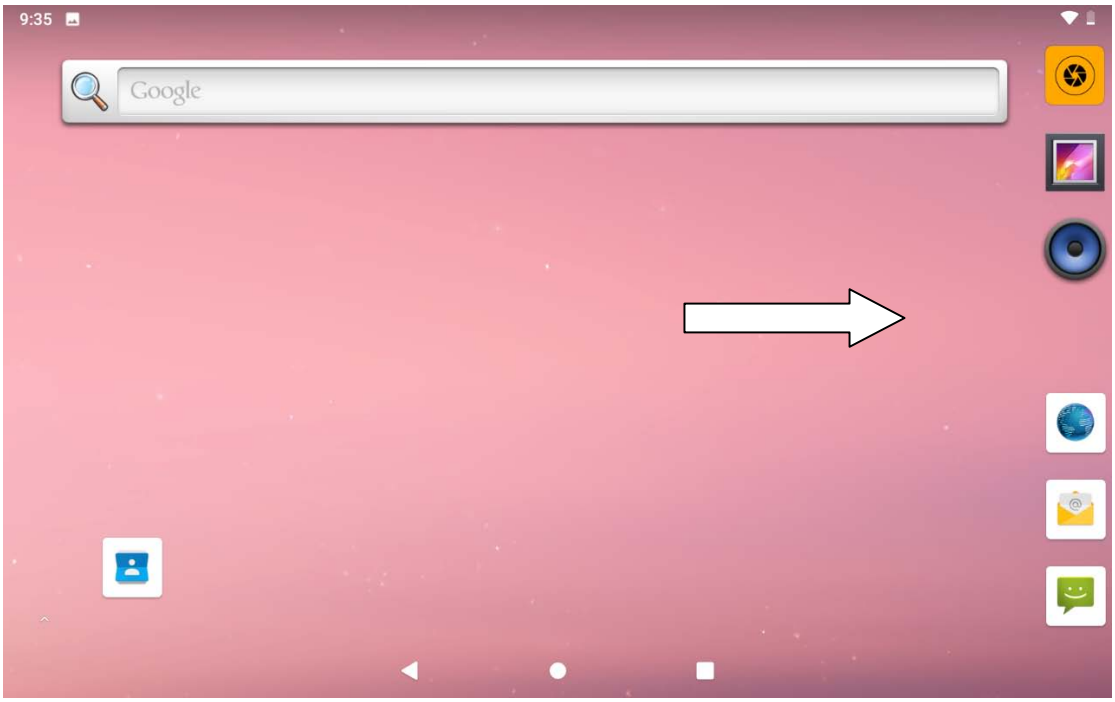
一、Main interface as below picture 3.2, long press the blank and it will popup windows to set wallpaper, folder, widgets, and shortcut.



Picture 3.2

The extended home page

The home page can be extended beyond the wideness of screen to provide more space, which you can put new-added shortcuts and widgets. Click the blank space in home page then slide right or left to extend to the right or left of the screen. In the home page, there are two extended pictures, as Picture 3.3.



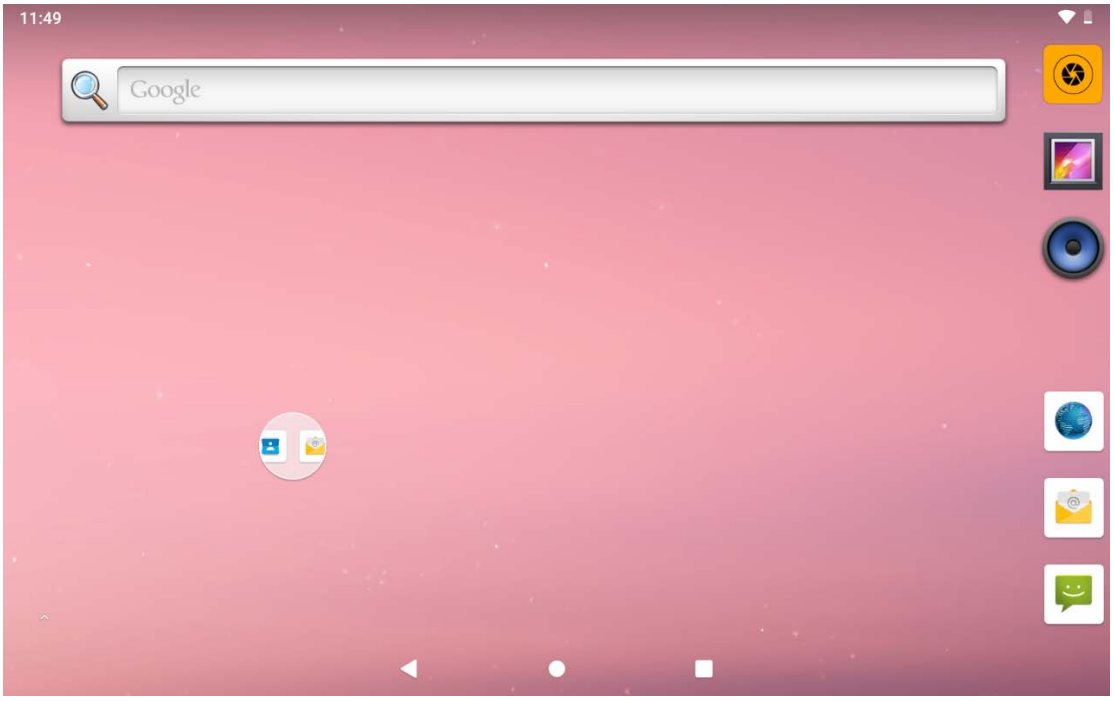
Picture 3.3

The shortcut icons management in desktop application.

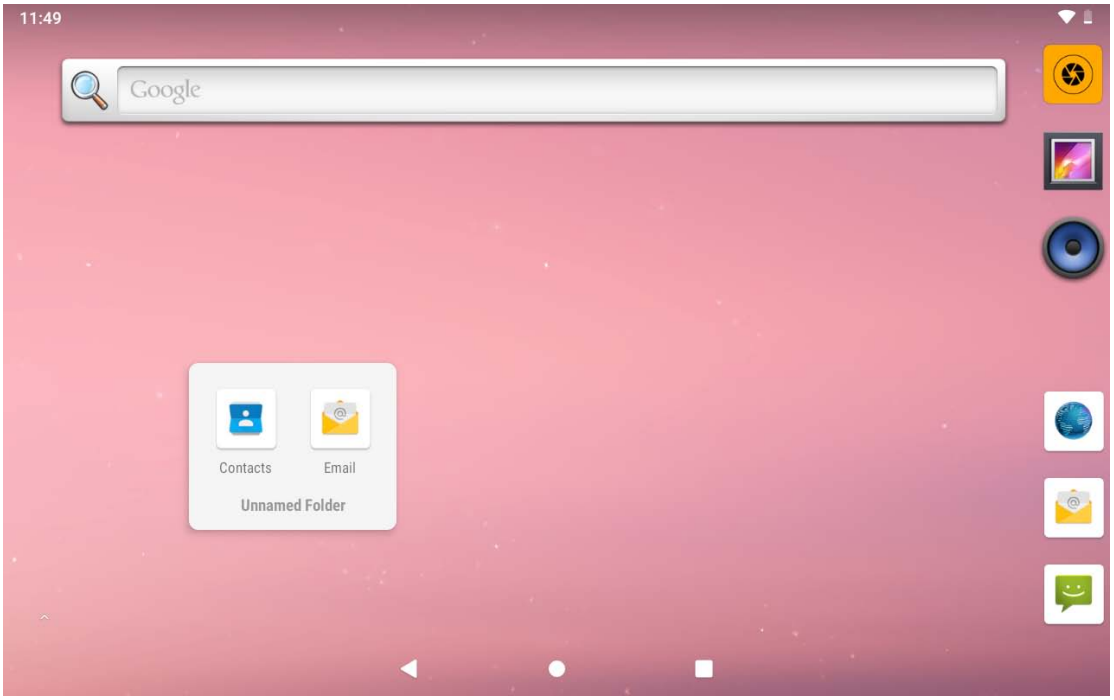
Create folder icon in desktop

1. Drag the icons need to be put together on one icon(can also overlay several icons)as Picture 3.4.
2. Then click the overlayed icons, the applications can be folded, as Picture 3.5.

Click the unnamed folder in the black box, it will popup the hidden keyboard, the folder name can be renamed (this is similiar with Apple IOS system), the icons position can be changed through long press.



Picture 3.4



Picture 3.5

Remove the icons in desktop

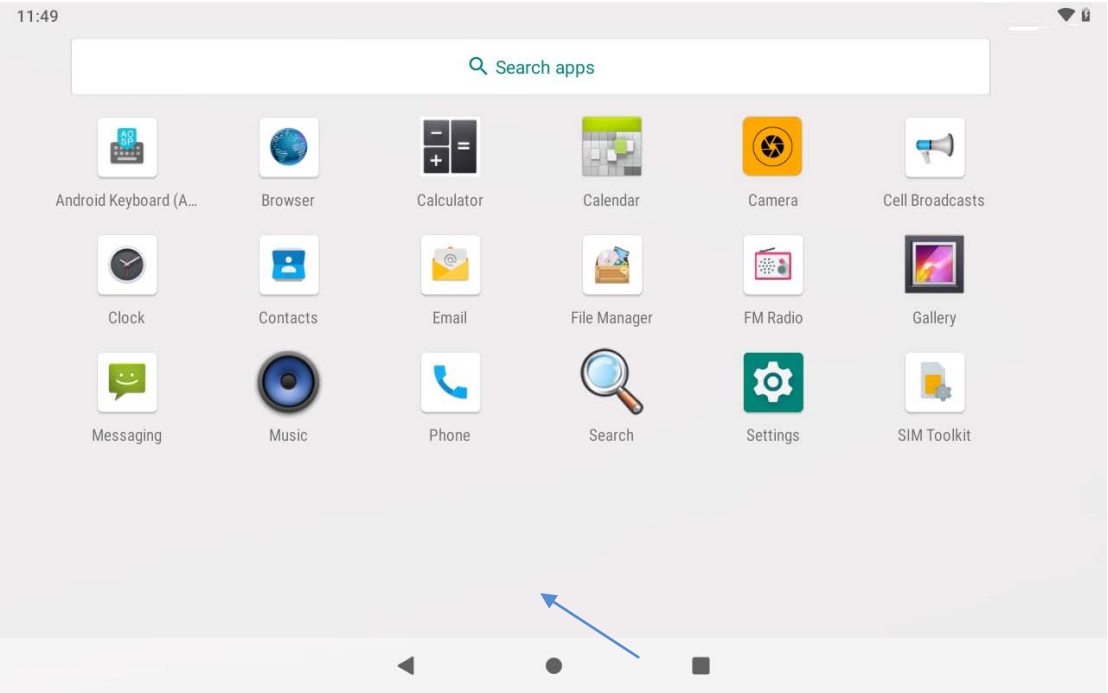
1. Long press the icons need to be remove, then on the right above of the screen, it will appear icons.
2. Drag the icon to the above of the remove icon, till the icon become red, then move your finger to delete the icon.

Change the wallpaper of desktop

1. In home page, long press any blank space in main screen, it will popup a window to change the wallpaper.
2. Click the gallery or wallpaper gallery to select the wallpaper.

3.6 Visit Application Procedures

The desktop slides up and enters the main menu interface as shown in Figure 3.6; Select the application to visit



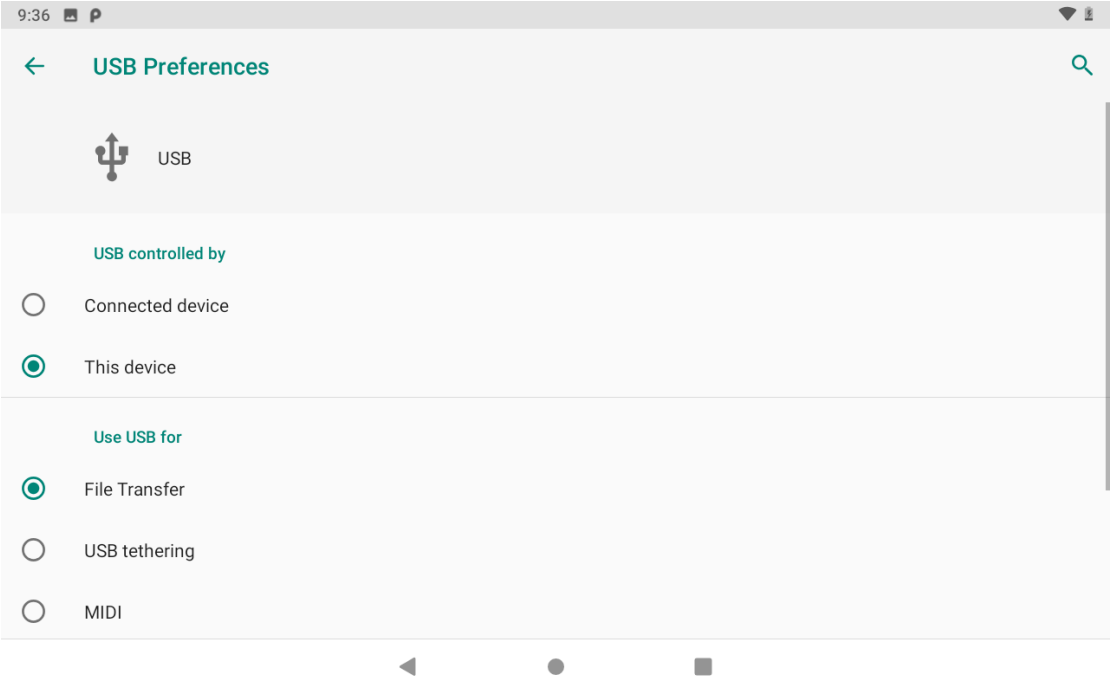
Picture 3.6

3.7 USB Connection

MID storage configuration

Before transmitting documents, you have to conduct storage configuration for your MID:

1. Connect the MID and computer by USB cable, the reminder column will show the remind information.
2. Open the reminder board; please view the MID status and reminder to learn how to open the board.
3. In the reminder board, click the “USB Connected”, it will as below Picture 3.4, then click “open USB storage configuration”.
4. Now the USB is connected successfully.



Picture 3.7

Copy the document into memory card

1. Connect the MID to computer with USB cable.
2. As MID storage configuration, it is connected with computer successfully.
3. Open the “My computer” in your computer, check the items in “removable disc”.
4. Copy the documents you need into “removable disc”.
5. After copying finishes, click “shutdown the USB storage configuration” to uninstall.

Notice: When the MID is connected with USB cable, and you open the USB storage configuration, you can’t view the memory card through the MID. Only after you detach the USB cable, you can view the memory card in the MID.

3.8 Typing words

Use the screen keyboard

When you start the procedure or choose the words or numbers edition, it will show the screen keyboard. The keyboard contains below typing options:

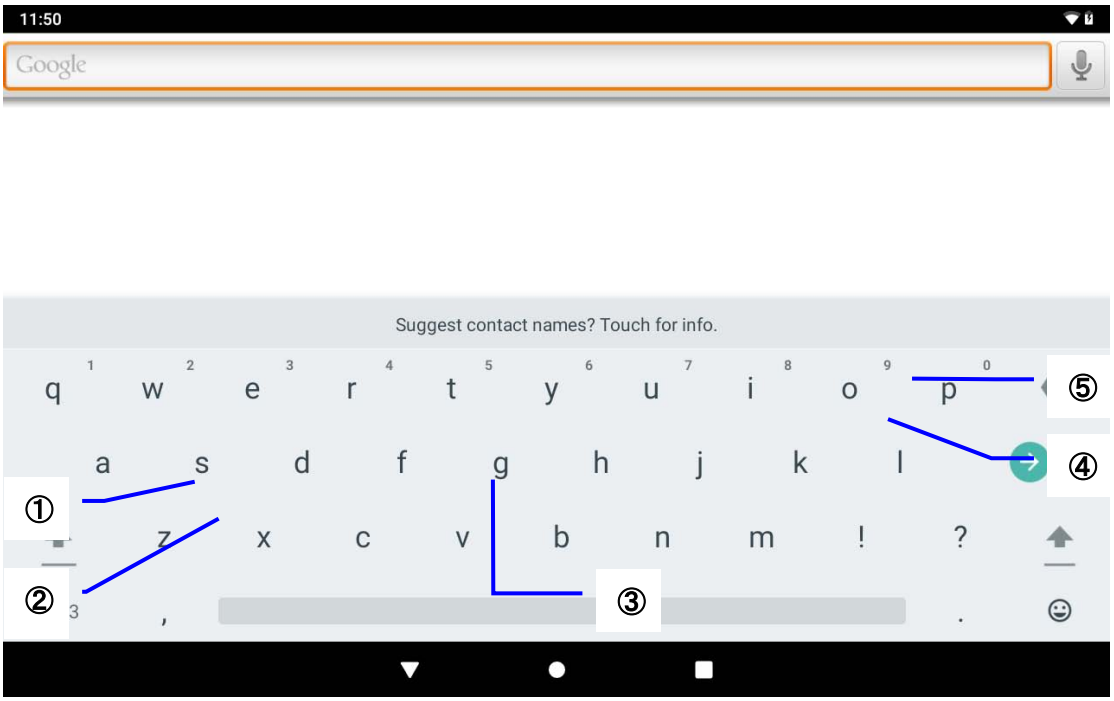
1. Android keyboard
2. Google Pinyin

Choose the typing method you want

1. Click Setting pocedure application.
2. Click Language and Keyboard.

3. In the text setting area will reveal all the installed words-typing methods in your MID.
4. Tick the typing method you want.

Use and switch of input method



Picture 3.8

1	switch the capital and small letter
2	switch the mode of words input
3	click to insert the space
4	click input to execute
5	delete the character in the left of cursor, click and hold to delete all the characters in the left og the cursor.

(4)

(5)4 Basic Setting

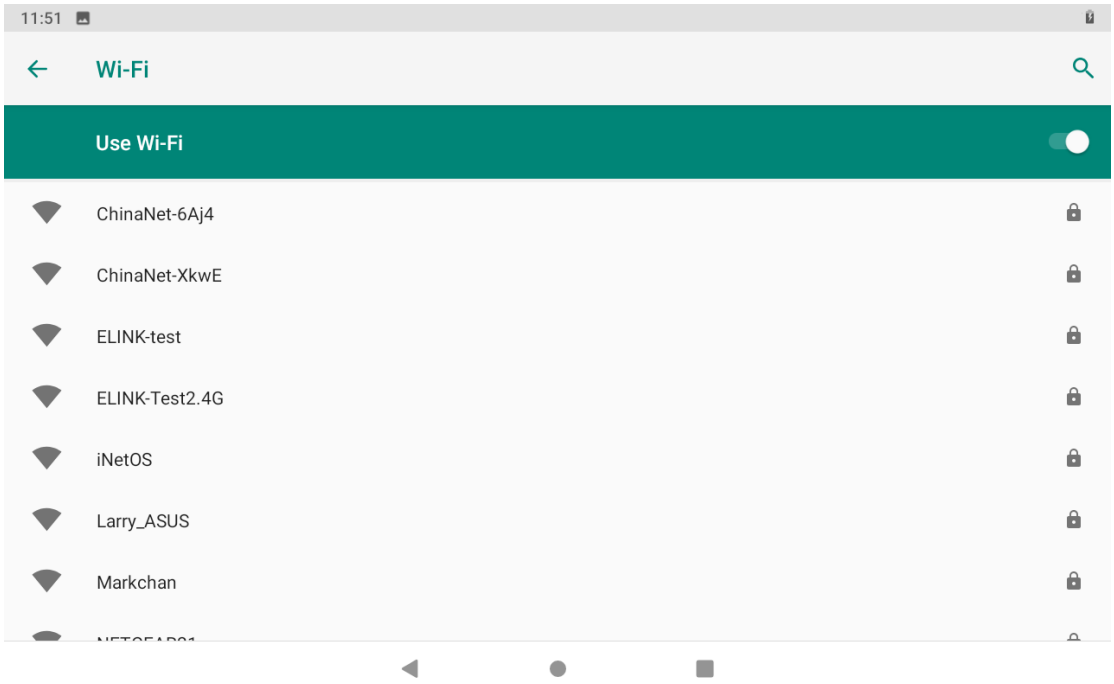
4.2 Wireless and Internet

1. Connect Wi-Fi

1) In the main menu or interface, choose **setting** application procedure.

2) Click WLAN, open wifi, MID will automatically search the available Wifi wireless internet. As Picture 4.3

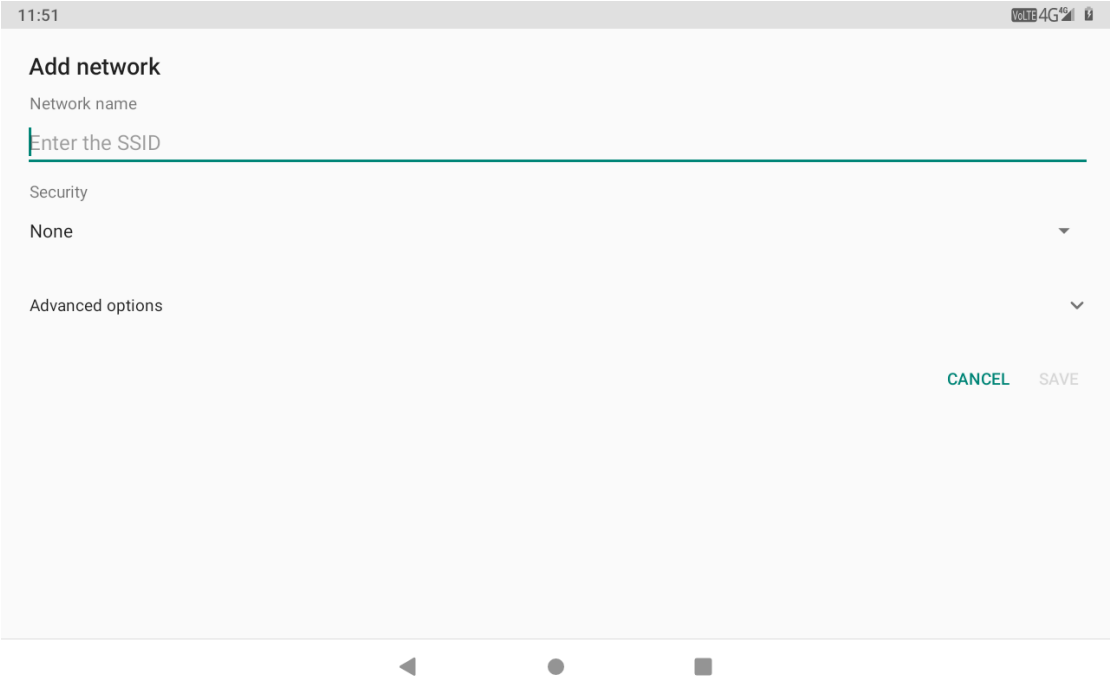
3) Choose the Wi-Fi internet you want to connect, if it has password, it will popup the password window, enter password, click connect.



Picture 4.3

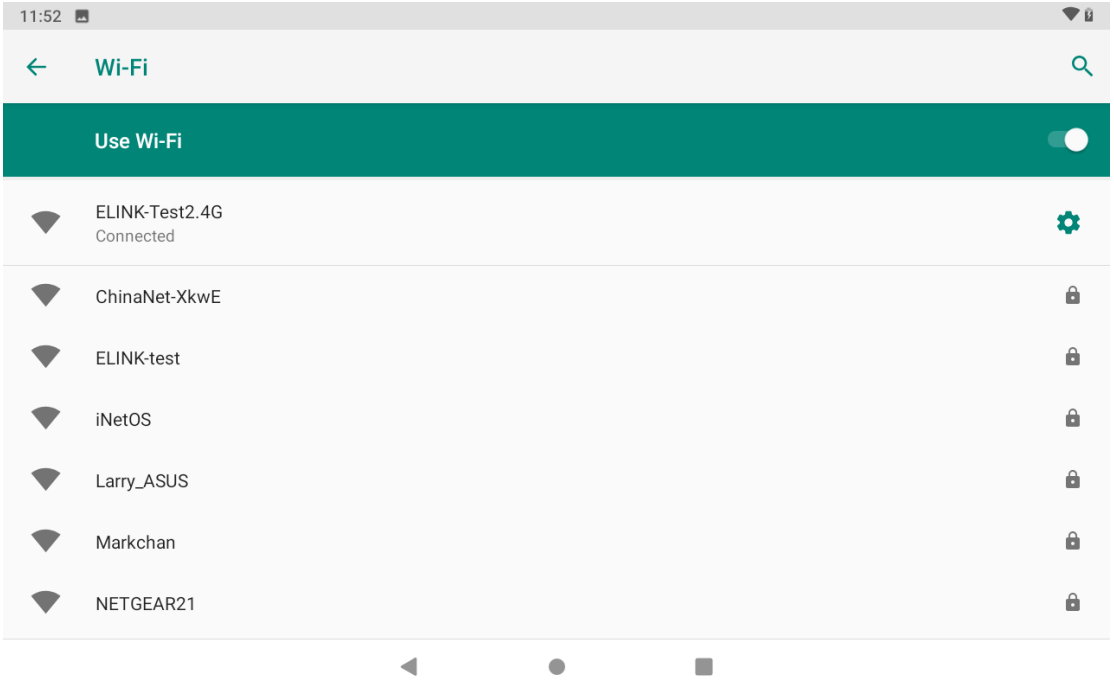
2. **Add Network**

1) Click icon in right top, as Picture 4.4



Picture 4.4

2) Input network SSID, the wireless network name, click save.
3) Click user name already saved, click connect to use network, as Picture 4.5



Picture 4.5

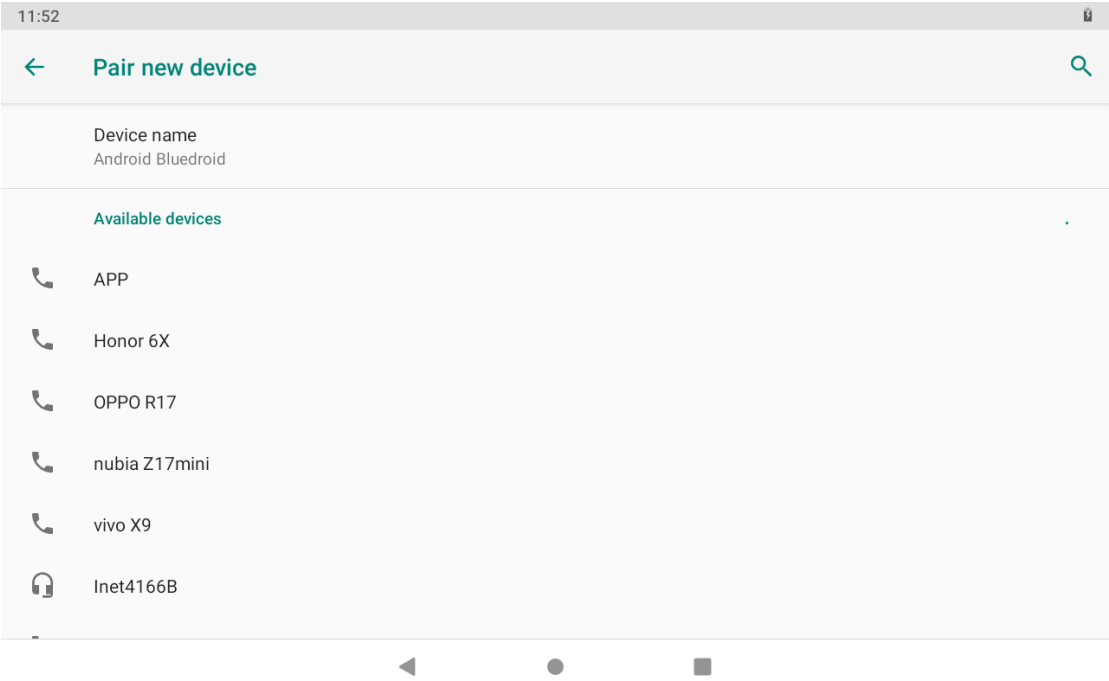
3. **Network Notice**

If you open Network Notice, when WIFI signal appears, the right bottom will remind you available WLAN network, as Picture 4.3

4.3 Bluetooth

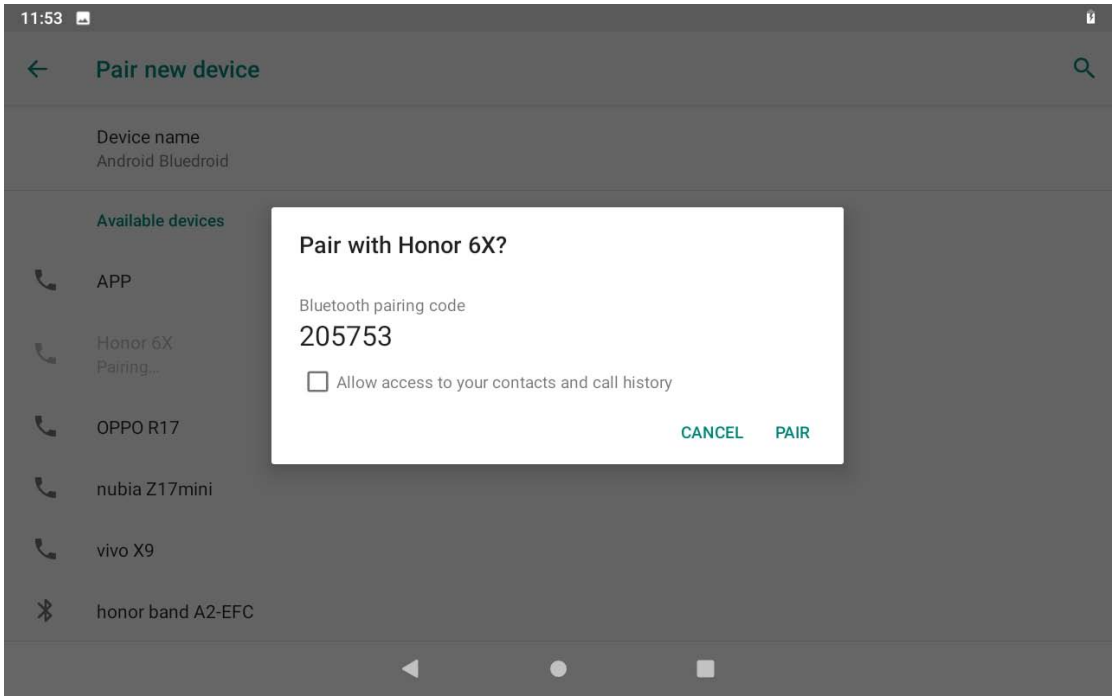
Bluetooth function operation

1. Click setting application in main menu interface
2. Click bluetooth and open it.
3. If somebody open bluetooth in your surroudings, click search device in right above, then MID will automatically search the bluetooth device nearby. As picture **4.6**



Picture 4.6

4. Click the available Bluetooth device, it will popup request window, enter into related password, and match the device to connect.
5. After match successfully, choose the operation you want to, click to enter into Picture 4.7.

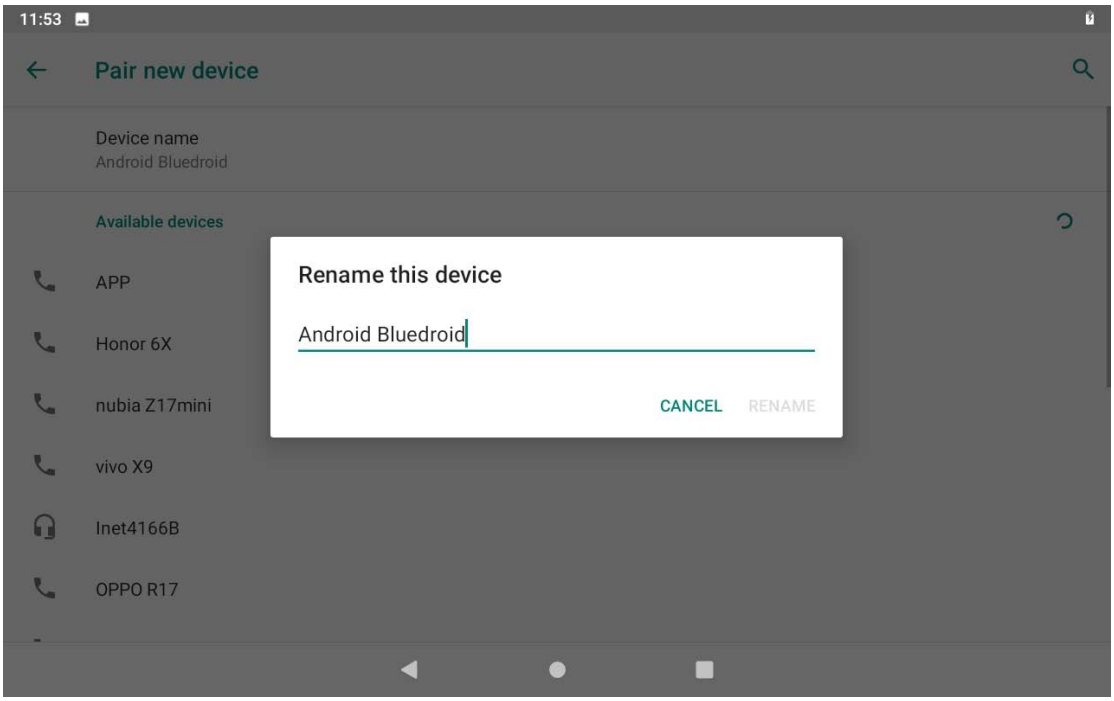


Picture 4.7

Bluetooth Settings

1. Rename

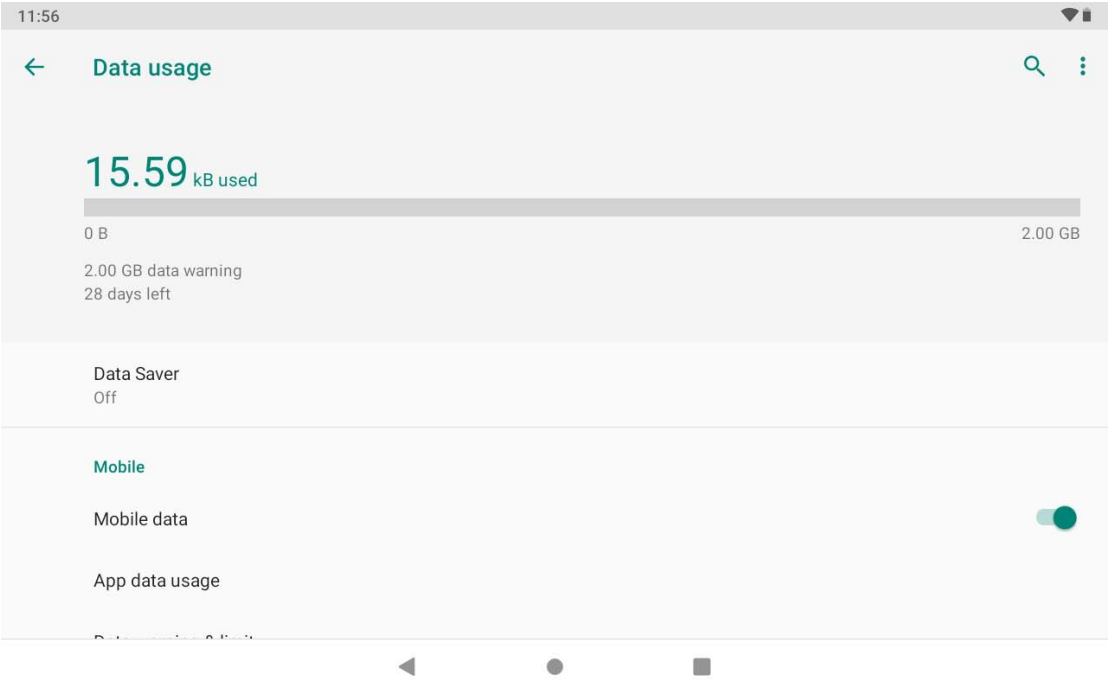
Click on the device name and choose to rename the device. You can rename it to the name you want.



Picture 4.8

4.4 Data Usage

Check WIFI card data usage, as Picture 4.9



Picture 4.9

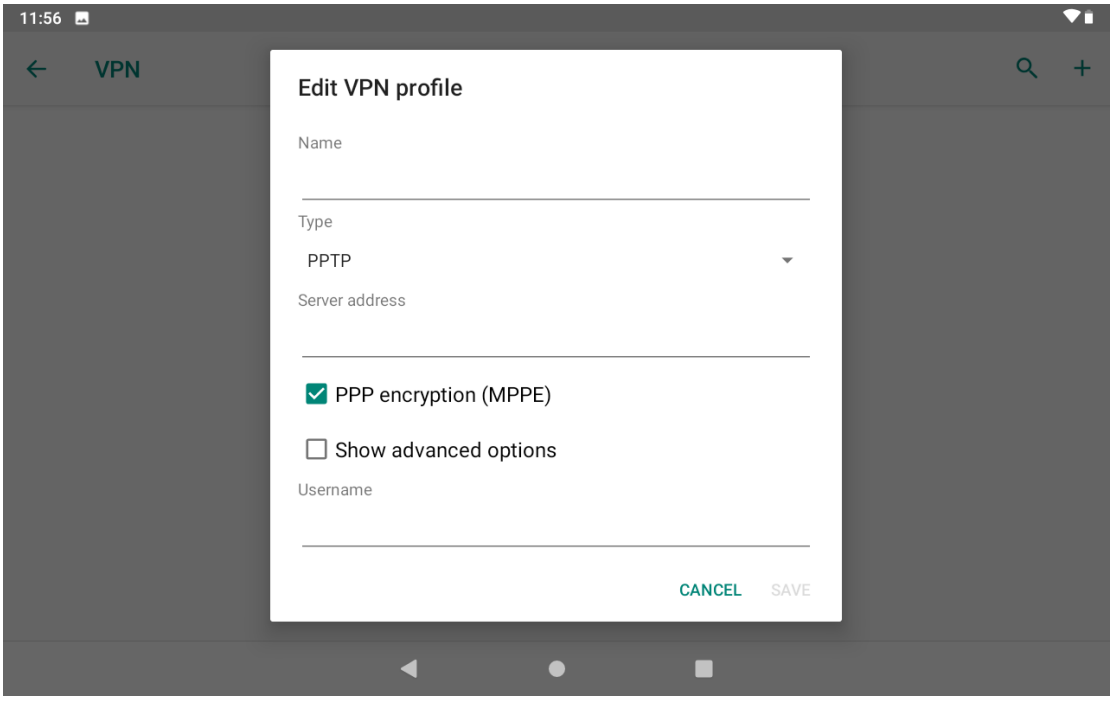
4.5 More

4.5-1 Airplane Mode

Airplane Mode can turn off WIFI function quickly, when airplane mode is turned on, then airplane mode is turned off, WIFI will recover to previous state.

4.5-2 VPN

Open VPN, click **add VPN network**, as Picture 4.10. Input **name** and server address, then save.

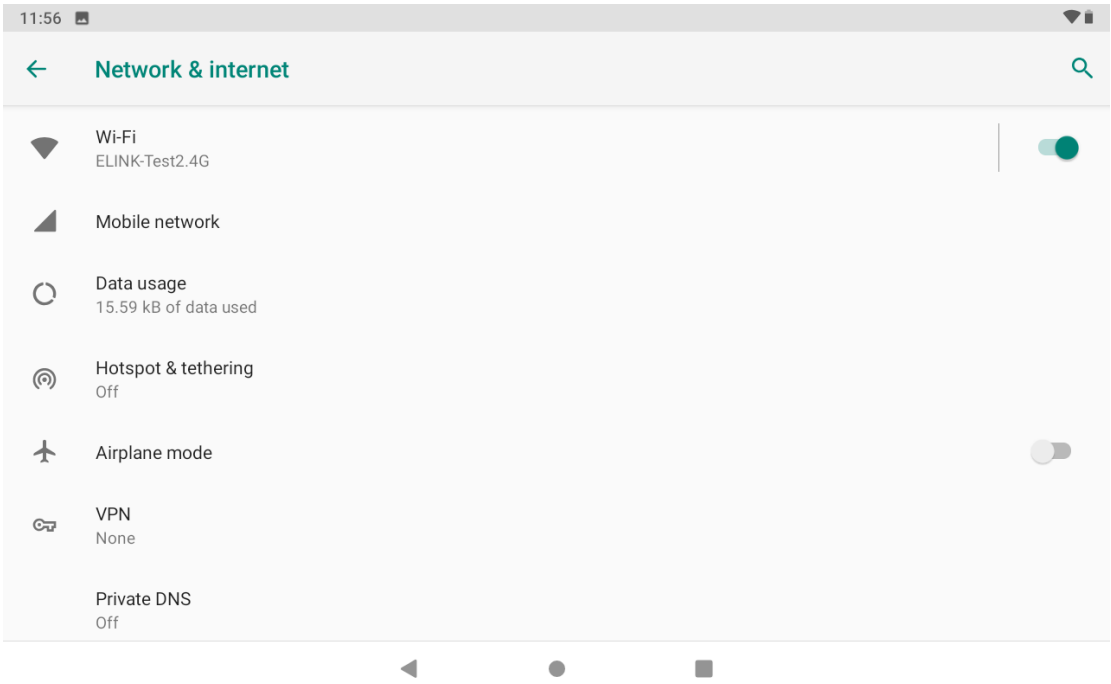


Picture 4.10

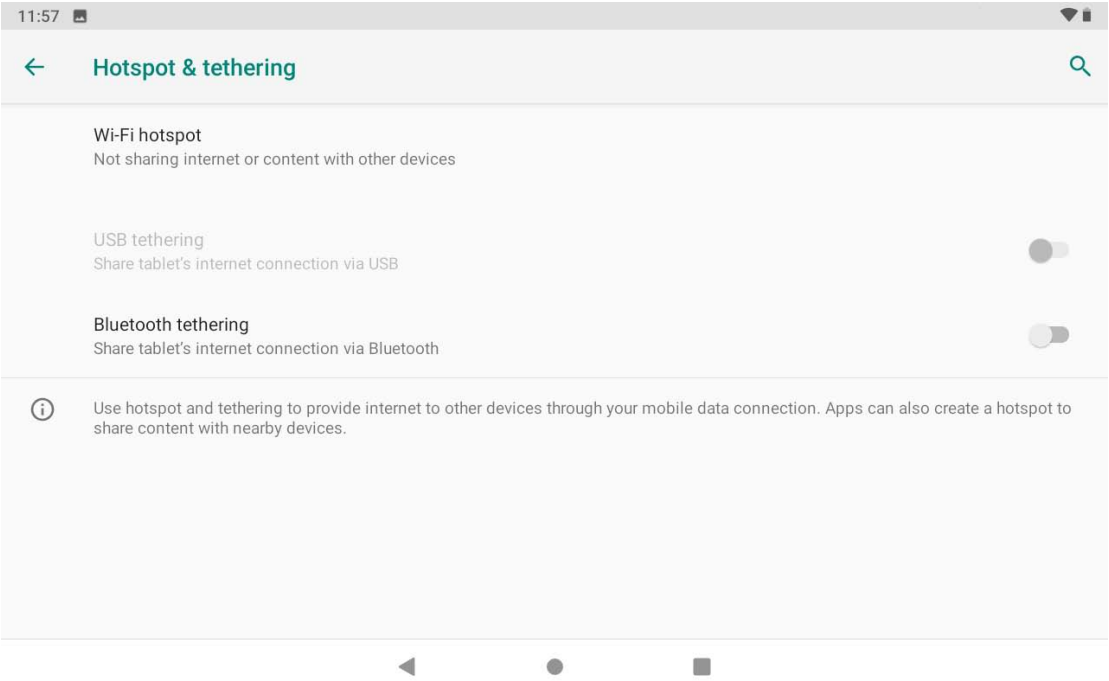
4.5-3 Network sharing and portable hotspots

Portable WI-FI hotspots

1. Click setting application in main menu.
2. Click more when wifi is well connected, open network share and portable hotspot

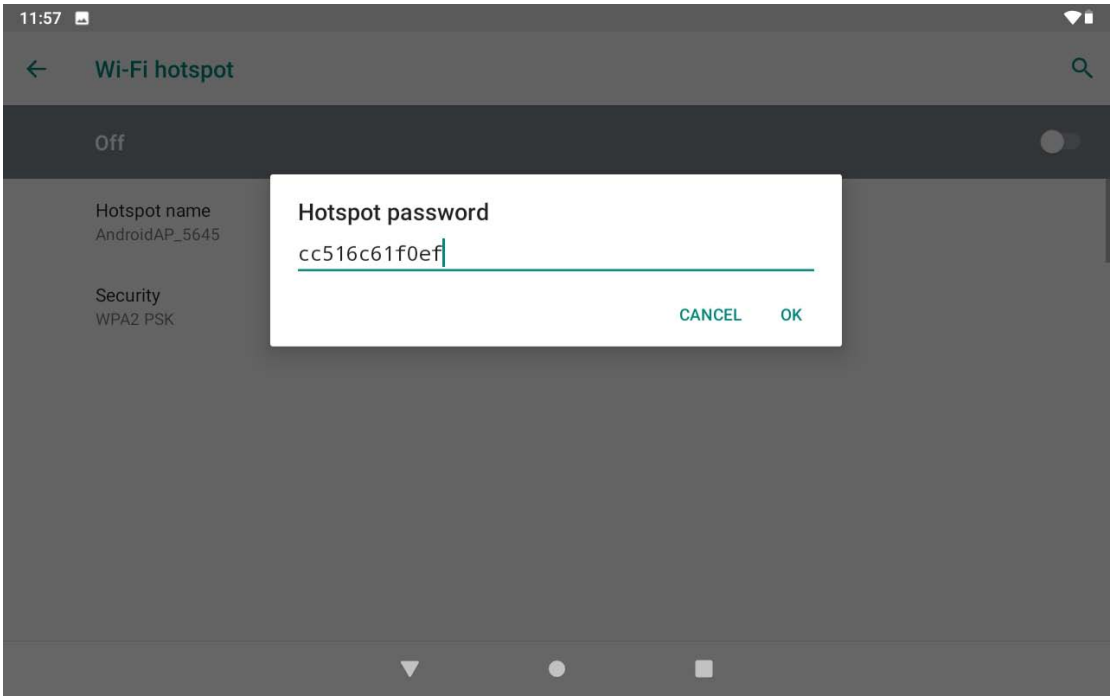


Picture 4.11



Picture 4.12

3. Click **keep WI-FI hotspots on**, choose open time.
4. Return to previous menu, open portable WLAN hotspots, click Set up WI-FI hotspots

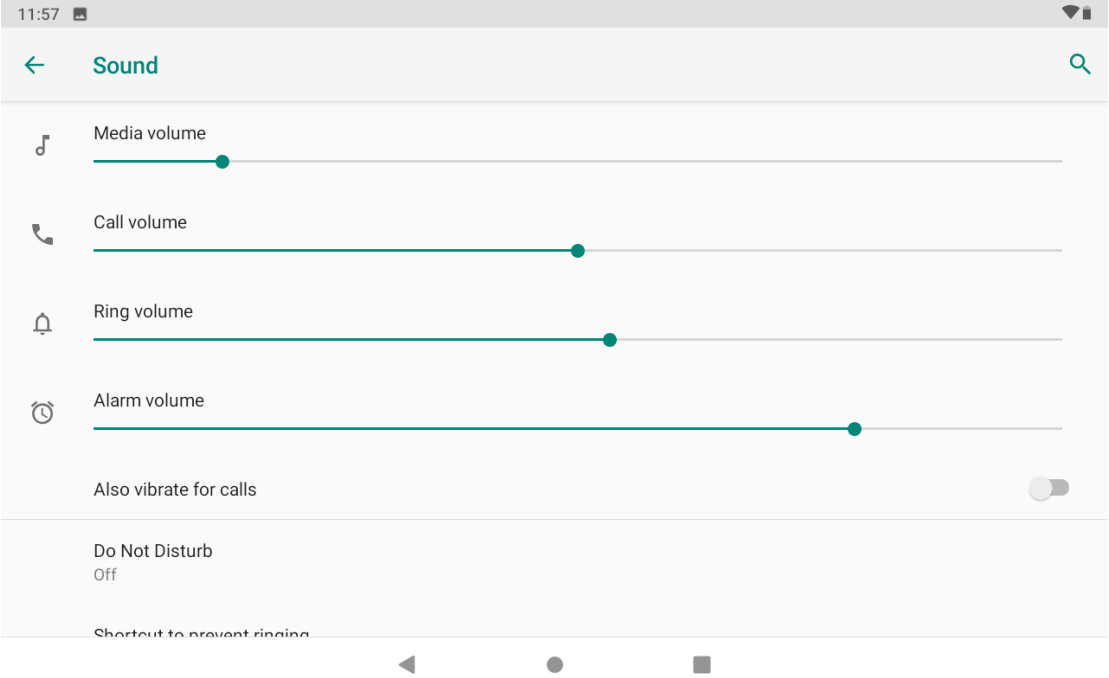


Picture 4.13

5. Set passwords you want to, password should be more than 8 numbers.

4.6 Sound & notification

1. Open settings, click contextual model, as Picture 4.14,



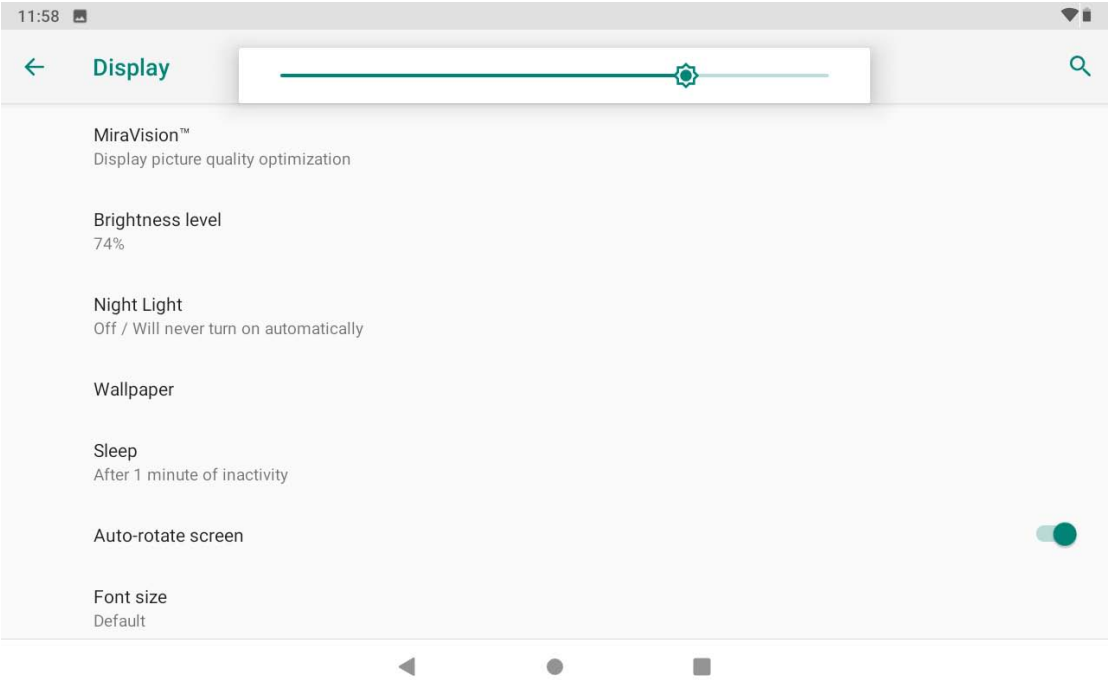
Picture 4.14

(Note: Except standard, silent, meet, outdoor are only for selection, they can't be set.)

4.7 Display

4.7-1 Adjust the screen brightness

1. Click **Setting** application procedure.
2. Click **display**, choose brightness,
3. Drag the portlito to adjust the brightness volume.As Picture 4.5

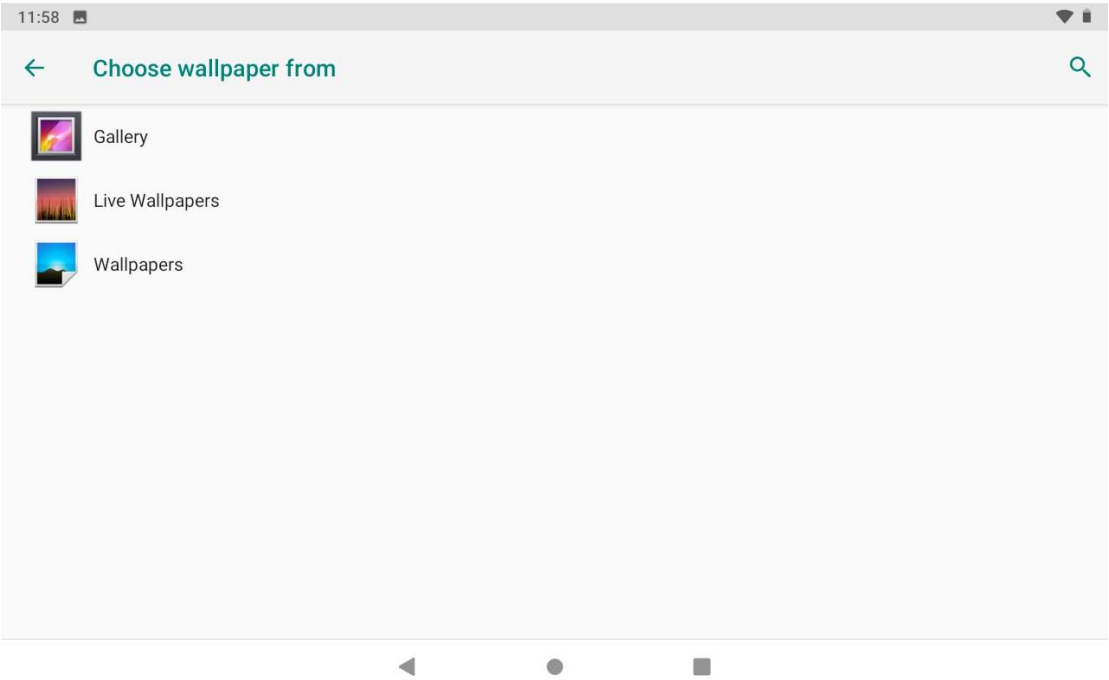


Picture 4.15

4. Click OK after brightness is adjusted.

4.7.2 Wallpapers

1. Click **setting** application**.**
2. Click **display,** click **wallpaper.**
3. You can choose different wallpapers as you like—live wallpapers---gallery(user defined)---wallpapers (system defect)---video wallpaper, **as Picture 4.16**



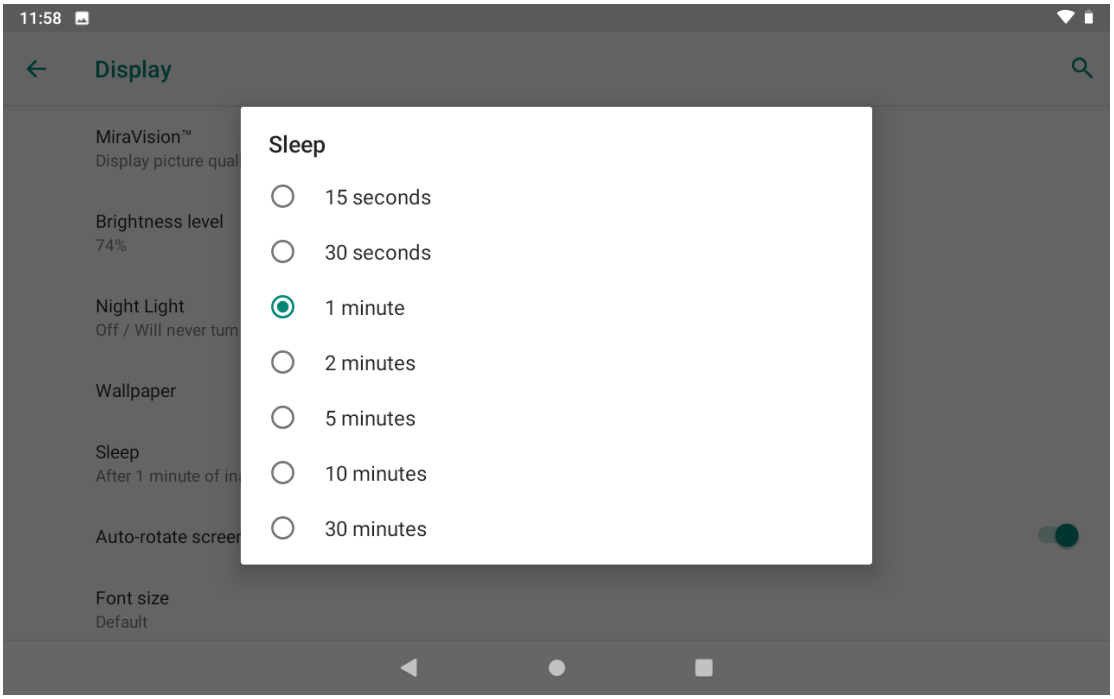
Picture 4.16

4.7-3 Auto rotation

System is defaulted as open auto rotation, when it is turned off, system won't rotate MID screen by G-sensor.

4.7-4 Sleep

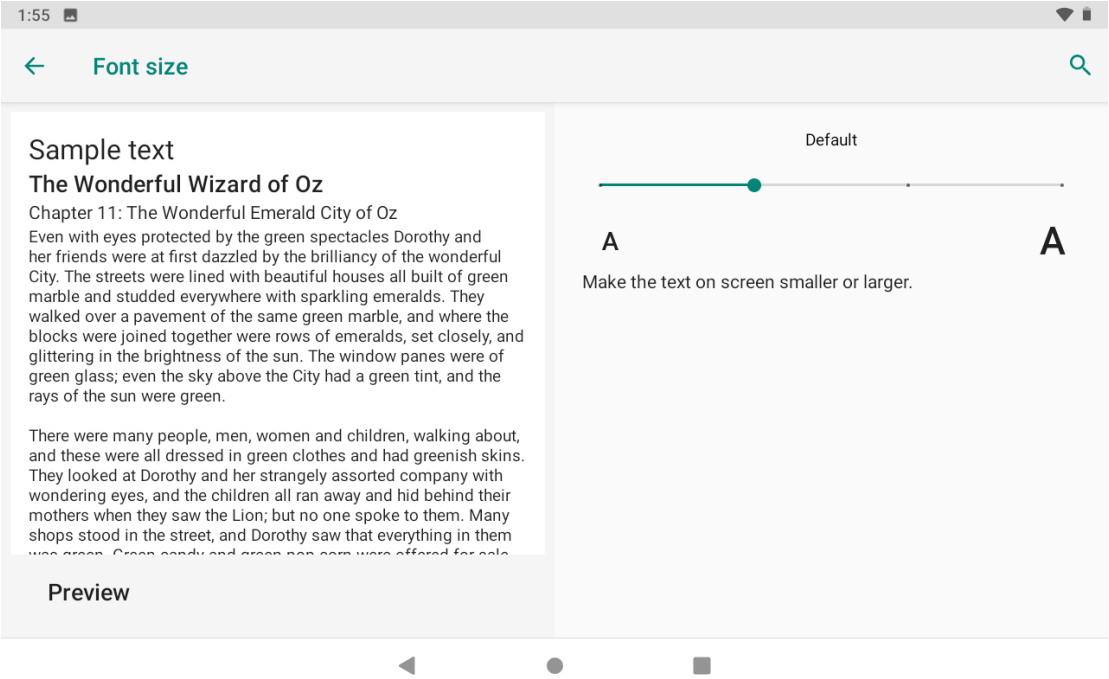
1. Click setting appliation.
2. Click display.
3. Click sleep.
4. Set the sleep time as you want, **as Picture 4.17**



Picture 4.17

4.7-5 Font size

Click **font size** to adjust the font size, **as Picture 4.18**



Picture 4.18

4.8 Storage

Open setting function, click memory, click **preferred install location,** you can choose isntall new application to choose preferred install location.

Check SD card and MID storage space.

3. Enter into setting application.
4. Click storage, check storage space.
   1. Internal storage
      (1)System storage
      System storage is the spcae MID leave for system file, as Picture 4.19. it can't be viewed.

Picture 4.19

2. **SD card**

You can check storage space, SD card available space, unmount SD card and erease SD card, as Picture 4.19

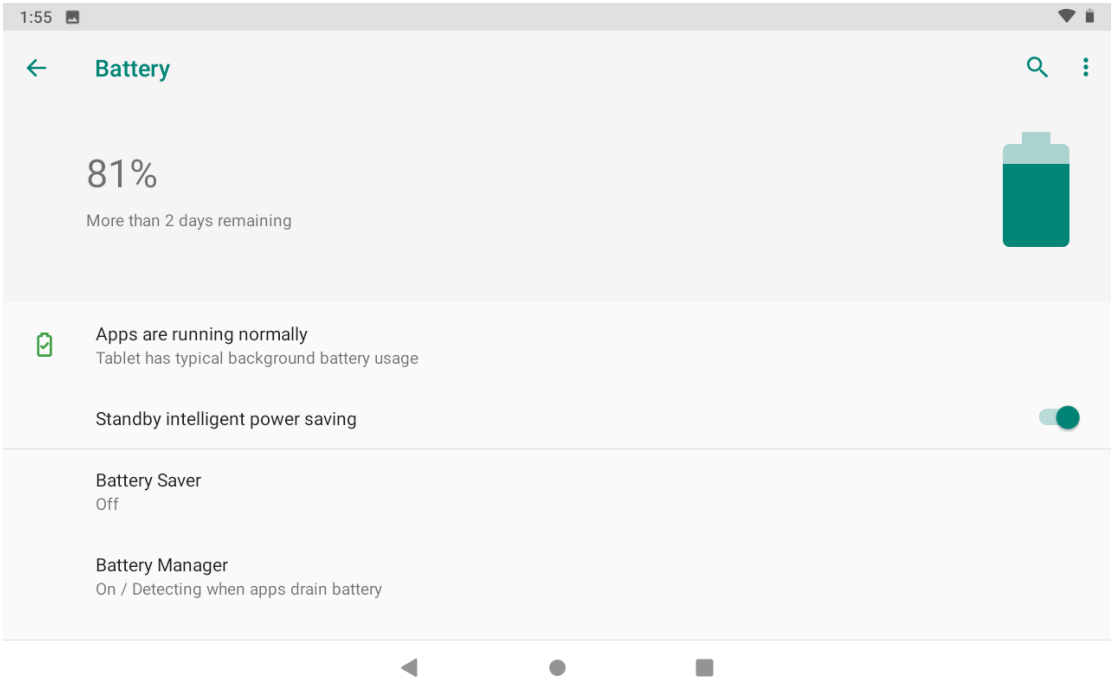
Safely remove SD card

1. Click setting application.
2. Click memory.
3. Click uninstall SD card.
4. Now you can remove SD card safely.

Note: Removing SD card safely can protect SD card and increase its lifetime.

4.9 Battery

Click setting function, select battery, you can view the battery situation, as Picture 4.20



Picture 4.20

4.10 Application program

1. Click setting application in Apps.
2. Select application, after enter, you can manage and delete installed application and check system used storage space and left space. (As Picture 4.21)

Picture 4.21

4.11 Account and Sync

1. Select setting application
2. Open account and sync, as Picture 4.22

Picture 4.22

3. Click **add an account, as Picture 4.23**

Picture 4.23

4.12 Location service

Click **setting**, select **Mode**, as Picture 4.24

Picture 4.24

4.13 Safety setting

Set locked screen

Lock the touch screen by unlock icon or password to protect your MID.

Note: After setting screen locked, you should enter the passcode each time when you startup or screen is locked

Set unlocked picture

1. Click setting application in main interface.
2. Click **safe**.
3. Click **locked the screen**.
4. Choose picture in text setting area.
5. Click next following the remind message.
6. The unlocked pattern board pop up, there are nine touch spots, connect 4 points from vertical, horizontal or diagonal direction. As Picture 4.25, move

your finger from the screen when finish. The system will record yous new unlock pattern.

7. Click **continue**.
8. When you see the reminder, enter the unlock pattern, then click **confirm**.

Picture 4.25

Set unlock PIN code

1. Click **setting** application in main interface.
2. Click **safe**.
3. Click **screen locked.**
4. Choose **PIN** in text setting area.
5. Enter new PIN code(numbers) and click **continue**.
6. Ener new PIN code again and click **confirm**.

Set unlock password

1. Click **setting application** in main interface.
2. Click safe.
3. Click screen locked.
4. Set password in text seting area.
5. Set new password(letters and numbers) and then click continue.
6. Enter the password again and the click **confirm.**

4.14 Language and Input Method

Click on the Settings application, select System-Language and Input Method, and select Language as shown in Figure 4.26.

Picture 4.26

Drag and drop the language you want to the first position and return to set the language as shown in Figure 4.27.

Picture 4.27

Or you can continue to add the language you want, click add language as shown in Figure 4.28.

Picture 4.28

4.15 Backup and Reset

Connect WiFi and log into your Google account, choose to back up my data, and the system will back up your data to the Google server.

If you want to restore factory settings, click restore factory settings, as shown in Figure 4.29.

Picture 4.29

4.16 Date and Time

According to the preset, system will voluntorily apply the date, zone, and time provided by internet.

Manual set date, time and zone

1. Click Setting application procedure.
2. Slide down the screen, then click **date and time.**
3. Turn off “auto setting of date and time”.
4. Turn off “auto setting zone’.
5. Click Zone Selecting, then choose the zone lists. Slide down the list to view more zones.
6. Click **Date setting**, then click upper or down buton to adjust date, month, and year, click **setting** when you finish selection.
7. Click **Time setting**, then click upper or down button to adjust hour and minute, click AM or PM to change morning or afternoon (there is no such selection when you se 24-hour format). Click **Setting** to finish.
8. Click **24-hour format**, switch between 12-hour or 24-hour formay, the time format you choose will be used on the alarm clock.
9. Click date format setting, then choose the time format you want to show on MID.

Picture 4.30

Note: If you use the time internet provided, you will not able to set the date, time and time zone.

4.18 Assisstance Function

4.18-1. Large size

Click it to make system font large size

4.18-2. Click power button to end calls

When Click call, press “power” button, call will end but not hold.

4.18-3. Touch and hold delay

Click touch and hold delay to increae time, as Picture 4.31

Picture 4.31

4.18-4 Install webpage script

It will allow you install webpage scrip when you open system,, but it will increase the risk when you are browsing webpage.

4.19 Engineer Selection

4.19-1 USB adjustment

After opening USB adjustment, you can use some software to read MID software, but when USB adjustment is turned on, USB storage needs to manual adjust.

4.19-2 Keep awaken state

If you open keep awaken state, it wll never auto sleep when your MID is charging.

4.19-3 Pointer Location

If you open pointer location, it will display touch vertical and horizontal direction.

4.19-4 Show touches

If you open display touch screen operation, it will display touch opeation on the screen. It is suggested to use with same direction as pointer location.

4.19-5 Show screen update

If you open screen refresh, it will display related area when the area is refreshing.

4.20 About Tablet

Check MID state

1. Check **Setting** application.
2. Click **about tablet**, check **state message, model, Android version, version No** and so on.
3. Click **state message,** check **battery state, battery volumne, IP address.**

(6)5 Multi-Media

5.1 Music

Enter into music player: in menu or desktop click music icon to enter into music player, click the music you want to play, as Picture 5.1:

Picture 5.1

Picture 5.2

- Drag the progress bar to adjust play progress.
- Operation of music player button as Picture 5.2

5.2 Photo Gallery

Photo gallery application can auto search photos and video files in SD card, and photo gallery will classify these photos and videos in folder. You can apply photo gallery to view and edit photos, set the photos as wallpaper and watch the video.

View pictures

1. Click gallery application in main interface.
2. Enter into gallery, click the folder you want to view.
3. Click the picture you want to view, the system will play it in full screen mode automatically.
4. The pictures can be zoom in and zoom out, put two fingers on the screen, the separete the fingers(gather up the fingers, the picture will be zoom in) or double click the screen.

Note: when you browse the pictures, slide left or right to view more pictures.

Edit and set pictures

When check the pictures in full screen mode, click menu key to display menu selection, you can choose the selection you need to edit and setting pictures.

- **Slide Show**
  1. Open a picture, use virtual key to click menu key, display menu selection.
  2. Click slide show, it will auto loop play(or choose button in picture folder)
- Crop

1. Click **menu** key to display menu selection.
2. Then click crop, click and drag related area to adjust the cropper.

3. Click cropper and drag it inside and outside to adjust the image.
4. After adjust the size you want, click crop.
5. If you wish to give up to crop, click cancel to return to picture browse.

- **Edit**
  1. Click menu key, display the menu selection.
  2. Click edit.
  3. Adjust teh brightness, style, color, antialias setting in selection.
  4. Click save.
  5. If you want to give up edit, click return key, click not to return to picture browse.

5.3 Camera

In the main interface or desktop, click camera application procedure, enter into camera

- Operation of camera ,Switch camera: choose **Menu** key, click **switch front/back camera,** as Picture 5.3

Picture 5.3

5.4 FM Radio

Click in the main interface or desktop to enter into FM radio interface:

- Radio button operation instruction as Picture 5.4

Picture 5.4

- Save channels: Click button in the main interface to save the channel, and the channel will be saved in channels list.

Note: You need to insert earphone as antenna when using FM radio, If no antenna, your MID can't search any frequency band.

(7)6 Communication Function

6.2 Text Message

1 Enter into main menu, choose application procedure.

Menu(discard,insert text and settings)

2 Click **“Edit new message”**

Picture 6.2

6.3 Contact List

Click Contact list in the main interface, enter into the contact list as Picture 6.3

Picture 6.3

- Search contact: click button, enter into search function
- Add contact: click button, enter into add contact interface.

(8)7 Internet

7.1 Browser

In case of Wi-Fi or mobile internet is connected well (Please refer to Chapter 4.1 for wireless and internet setting), click IE browser in the main menu or desktop to enter the IE interface, as Picture 7.1

Picture 7.1

Click address bar to input the website, click start, enter into related webpage, then you can browse the website information, as Picture 7.1.2 and you can click the menu you can refresh ,save to bookmarks,,share page,bookmarks,,history and setting the webpage.

Picture7.1.2

7.2 Email

Email application procedure contains email setting guide, you can add the external POP3 OR IMAP email account of normal web email service provider (For instance, Yahoo, Gmail, Hotmail and 163),as Picture 7.2

Picture 7.2

a. Email Setting

1. After you click the sending email icon , you can see the email setting guide, which can help you to set.
2. Input your email address and password.
3. Click “Next step” button, choose your email type is POP3 or IMAP.
4. Click “Next Step” button to check whether the email box servicer can receive or send emails
5. Input the email account and display the email subiject, and click **finish.**
6. If the email box is available, you will enter into your mail box automatically.

b. Delete the email account

You can delete setted POP3 or IMAP email account from your MID.

Click。

1. Enter into your mail box.
2. Press Menu key.
3. Click Account
4. Press the account you want to delete.
5. Click confirm to remove.

c. Send E-mail

1. Click to display your mail box.
2. Click the inbox, it will refresh the new emails automatically; click it to read new email.
3. Press Menu key. Menus will popup.
4. Click **Edit** to enter into new email editing interface.
5. Input the receiver's email address.
6. Input the subject and email content.
7. If you want to add attachment, click menu key, the menu popup.
8. Click "Attach file" (photo,music, video,contacts).
9. Click "send" to send the email out.

(9)8 Other Application Procedures

8.1 Clock

Click **Clock** procedure, enter into below interface as Picture 9.1.
There are clock, picture, music and homepage buttons.

Picture 8.1

8.2 Calculator

1. Click.
2. Enter into the basic board of calculator.
3. Soft touch the numbers or operator in calulator to calculate.

Pictuer8.2

8.3 File Manager

File manager will copy, cut, delete, rename the documents or the folder in the TF card, it also will share the files, install apk etc.
In the main menu or desktop, click the document manager icon to enter into documents manager.

Picture8.3

a、Copy, cut, delete, rename th RAM ler: choose the file or folder, long pressthe file or folder to enter into the interfac External SD card , you can operate the file or folder.

icture8.4

b、Paste the copy or cut file: choose the file you want to paste, choose right top icon to enter into Picture 8.5

Picture8.5

C. Share file:choose any file, long press it, it will popup “share”, choose the share way you want in the list

d、Install apk file：Choose the file suffixed .apk in the file manager, you can install the third part software as reminder.

(10)9 Installation of Procedures

9.1 Installation

Install the third party application procedure

1. Click “file manager” application procedure; choose the application procedure you need to install.
2. Hold the application procedure you need to install.
3. It popup **install, click install apk.**
4. Finish the installation as guide, it will operate.

Note: The third party procedure searched from internet to use on the system are all suffixed with .apk.

9.2 Uninstall

Uninstall application procedure

1. Click setting icon in main interface.
2. Click **manage application procedure**, list all the application procedures insralled in the system.
3. Click the APK you want to uninstall, click **uninstall**.
4. Click **confirm** to finish uninstallation.

Skill: The procedure manager installed by system has many convinent methods to uninstal after opening procedure manager, click uninstall, it will list all the application procedures installed by system.

(11)10 Troubles Shooting

1. The first startup of MID is slow

After the MID system upgraded, the first startup need to install the pre-installed application softwares, the lead time is around 2-3 minutes, the startup afterwards will be much quicker.

2. MID can't connect Wi-Fi

- Make sure the wireless router of internet service can work in normal.
- Ensure the MID and wireless router in certain distance, and no wall or other barrier between them.
- Ensure the user name and password both correct.

3. MID feels hot

When many application procedures are used in meanwhile, or the brightness of screen open to the lightest or under charging, MID may feel fever. It is normal.

4. Email can't be set or Registeration of application procedure.

- Ensure your internet is well connected.
- Make sure your email setting way is correct.
- Keep your system time and local time consitent.

5. The system is abnormal and can't work.

When you install some third party application procedure, it may cause abnormal work, you can press **Reset key(**next to power port) to reset the system.

6. The webpage can't be opened

- Please keep the distance between from route to MID in effective range.
- Please restart WIFI and try again.

7. MID works terribly slow sometimes

It is normal phenomenon. Please turn off some application you don't need in advanced task management, or uninstall some third party application to release more system resource.

FCC Warning

The device is restricted to indoor use only when operating in 5150 to 5250MHz frequency range

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: 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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

The devices has been evaluated to meet general RF exposure requirement, the device can be used in portable exposure condition with restriction