Tablet PC

Model Name: PC8020

Brand Name: Kinwei

FCC ID: BRCPC8020

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1 Preface

Dear Customers,

Thanks very much for purchasing our product!

This Tablet PC is a built-in high performance Wi-Fi receiver module, supporting an external 3G USB-DONGLE wireless network card, using broadband wireless networks, breaking through the restraint of network cables; it will bring you into the portable media player world and fulfill your entertainment needs. It also supports picture browsing, e-book reading, games, online chat and other functions; various settings will fully show your individuality.

To operate this player easily, first, please read this User Manual included with the player. Then you will have a better understanding of the operations. Before operating this player, please carefully read all data we provide about the player, so that you will have a better understanding of the product and its operations.

The Company will not be responsible for any loss of personal data and damage caused by incorrect operation of the Software/Hardware, artificial damages, replacement of batteries or any other accident. To avoid loss of your data, please backup your data to your computer at all times.

Also, since we can not control any dispute from users' misunderstanding or incorrect operation against the manual, the Company will not take any relevant responsibility for any accidental loss potentially occurring in the process of using this manual.

Due to constant product development, the information in this manual is subject to change without any prior notice.

This manual is protected by copyright and no part is permitted to be copied or reproduced in any way without prior written permission of the Company.

The Company reserves the final explanation right of this manual, warranty as well as its related information.

(Note: When compiling this manual, we are very careful to provide you completely reliable information. However, there is inevitably some error and oversight, please understand, and we welcome your suggestions. If any problem occurs during your use of this product, please immediately contact your local seller)

Thanks for your support and please pay attention to our other products。

2. Safety Notices

1) Please keep the Tablet PC away from strong magnetic fields in order to avoid damage to the product.

2) Please do not let the Tablet PC fall onto, rub against or knock against hard objects during use, because this may cause surface scratches on the Tablet PC, battery damage, data loss or other damage to the hardware.

3) Never let this product be exposed to a humid environment or rain as the water leaking into the Tablet PC could disable it to the extent of being beyond repair.

4) Never clean the Tablet PC with any chemicals or detergent, these will damage the product surface and corrode the finish.

5) You are recommended not to use the headset with the volume at its highest settings, please adjust the volume to an appropriate safe level and limit the amount of time you spend using headphones to avoid possible damage to your hearing. Excessive volume will cause permanent hearing damage.

6) Please do not cut off the power abruptly during software updates or downloading, because this may cause data loss or system errors.

7) Over-voltage, power cable strain and bending or squeezing of the power cable by heavy objects must be avoided to prevent the possibility of overheating or fire.

8) In order to eliminate the risk of electric shock, do not touch the cable power plug with wet hands.

9) Some movies, music and pictures are under the protection of copyright, unauthorized usage is

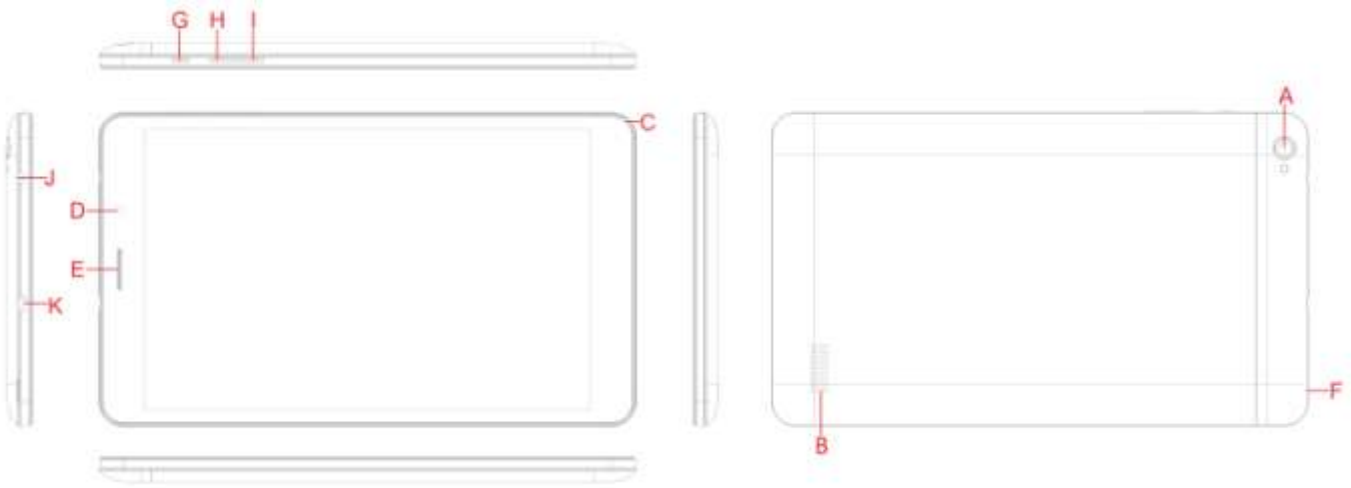
deemed as an infringement to the laws of copyright.
10) Please don't turn on the Tablet PC on in locations where wireless equipment is forbidden or when the usage of the Tablet PC will cause interference and possible danger.
11) All the wireless equipment is subject to external interference and this can affect its performance.
12) Please comply with any related restrictions and rules, wireless equipment can influence the flight of the plane; please consult the relevant airline company if you intend to use the Tablet PC on a plane.
13) Please don't use the Tablet PC in a petrol station, or near to fuel or chemicals.
14) Please comply with any related restrictions and rules; do not use the Tablet PC where blasting operations are in progress.
15) Only qualified maintenance personnel can install or repair the Tablet PC. Opening the Tablet PC in any way will invalidate the warranty.
16) Please use the original accessories and battery provided with the Tablet PC, do not use the incompatible products.
17) The Tablet PC is not waterproof, please keep it dry.
18) For the sake of data safety, please back up any important information on the Tablet PC, or keep a handwritten record.
19) When the Tablet PC is connecting with other devices, please read the user manual for detailed safety instructions. Don't connect the Tablet PC to incompatible products.
20) Please upgrade device with enclosed optical disk when the device is set to operate in a different way.
Note: Android4.4 system using the MTP protocol transfer files, rather than the original MSC agreement (ordinary U disk), currently supports the MTP protocol only (10) in Windows Media Player and Media Player, Windows Media Player 11) and older version. If there are no updates to the above two versions of the Player, the computer will not recognize MID or existing file cannot be copied down, etc., please correct in the computer, which is connected with the MID above installed version of the Player, can be installed to the computer, do not need to run for connection to the Mids.

3. Ready to Use

3.1 Packing list

Components	Quantity
MID Device	1
Power Adaptor	1
CD-ROM	1
USB Cable	1
HOST cable(optional)	1
Earphone(Optional)	1
User Manual (Optional)	1
Warranty Card (Optional)	1
Leather Case (Optional)	1
Keyboard/Mouse (Optional)	1
TF (Micro SD) Card (Optional)	1

3.2 Product Appearance



3.3 Instructions on Keys

Symbol	Name	Description
A	Rear Camera	Static and dynamic camera
B	Speaker	For music or movie
C	MIC hole	MIC hole
D	Front Camera	Static and dynamic camera
E	Telephone receiver	Telephone receiver
F	the cover buckle	TF (Micro SD) Card slot ，2 SIM Card slots，reset under the cover
G	POWER	Short press this button to enter sleeping/wake up mode, press long to switch ON/OFF
H	Volume +	Volume +
I	Volume -	Volume -
J	Stereo Earphone Jack	Stereo Earphone Jack
K	MIC USB port	MIC_5PIN USB Port

Note:
1. At the same time, press the "POWER" + "V -" button can realize screen function.

3.4 Features Overview

Processor/CPU- **MTK8382V** Cortex-A7 quad core, CPU 1. 3G, **Mali400-MP2 44.3M tri/sec and 832M pixel/sec @ 416MHz;**
Operation System-support android 4.4 intelligent operation system
Built-in RAM-Support RAM 512M/1G DDR3 (optional)
Storage Memory-Support built-in ROM Flash memory 4GB/8GB/16GB (optional)
External T-Flash card 1GB-32GB
Display -Support 8 inch LCD screen 1280*800 multi-capacitive touch
Video –Support AVI, MOV, MP4， 3gp
Support JPG, PNG, BMP, GIF picture formats. **Support picture with 8000*8000 max resolutions.**
Audio- Support **MP3, WAV etc format**.
EBook format-Support TXT、LRC、PDF、EPUB , support automatic browsing, scaling, bookmarks, flip, and other functions
Wifi -Support built-In WIFI Access to broadband wireless Internet, various software can operate in the ANDROID 4.4 system, some pre-loaded commonly used software systems: Internet Google browser (IE), mp3 online, novel online video, e-books, etc
Record -Support Microphone and speaker function, support record and video function
Support Dual SIM cards(one big, one small)
Support built-in 3G（WCDMA 3G ），Wireless communication by USIM card, phone receive/calling, message receive/Sending, email and contacts same as mobile phone.
USB- Support USB HOST(MIC 5PIN shift 4PIN HOST).
Camera- Support 0.3M Front camera and 2.0 M Back camera (optional)
Other function -Support G-sensor
Support built-in Bluetooth 4.0
Support FM function (optional)**;**
Support GPS navigation (optional)
Support stereo headphone and double speaker output
Language- multi- languages
USB mobile disk- driver can be free installed for WIN_2000 above

3.5 Technical specification

Unit Size	208*121.3*10mm	
Weight	300g	
Panel	Size	8 –inch LCD screen
	Resolution	1280*800
Computer port	USB port ,USB OTG 2.0/USB Host2.0 (MIC 5PIN to 4PIN HOST)	
CPU	MTK8312, Quad-core, Cortex-A7 1.3GHZ	
Storage	Flash Memory ： 4GB/8GB/16G	
Ram	DDR3 512MB	
Extend storage	Support TF card, 1GB -32GB	
Power supply	Built-in rechargeable Lithium polymer battery(3.7V), External power adaptor 5V/1.5A	
Music	Format	MP3,WMA
	Earphone	（L）5mW＋（R）5mW（32Ohm）
	MP3	8Kbps ~ 392 Kbps
	WMA、WMV	5Kbps ~ 192 Kbps
	Frequency	20Hz-20KHz
	SNR	90dB
	Distortion	＜0.05%
Video	Format	mp4, 3gp, AVI, MOV 等格式
	Maximum resolution	1920*1088
Image	JPG, GIF, BMP, PNG	
E-book	Format	TXT、LRC、PDF、EPUB etc.
	Largest reading capacity	5M
GPS	Frequency	1.57542GHZ

	Location accuracy	3m,2D cep
	Channels for receive satellite	16 channels
	Restarting time	Cold boot：<35s(OPEN SKY) Warm boot：32s Warm start：<2s(OPEN SKY)
	Rate	515m/s
	Date update rate for location	1HZ
	Maximum height	18,000m
	Antenna	Build in GPS antenna
WIFI	Speed	Max54Mbps
	Range	Max100m
	Frequency	2.4-2.4835GHZ
	Wifi System	802.11b/g/n
Built-in 3G/2G function	formats	WCDMA/GSM
	Network protocols and frequency	WCDMA 850/1900/2100 （850or900choosable） GSM 850/900/1800/1900
	Transmission rate	HSDPA 7.2Mbps/HSUPA 5.76Mbps
Record	Format	WAV
FM	format	88MHz-108MHz
Operating system	Win98/2000/2003/XP/Vista/Win7、Mac9.1 or above and Linux2.4	

3.6 Function Icons

Icons Description:

Icon	Description	Icon	Description
	Back to main menu		downloading

	Power status		internet search
	Return		Language search
	Recently viewed		Functions menu
	WIFI Status（blue indicates Wi-Fi connected）		Network status (blue indicates 2G/3G network connected)
	New e-mail		New message
	Bluetooth signal		Flight mode
	Under USB connection		Under USB debugging

3.7 Switch on/off

Switch on and unlocked:

When the devices is in powered OFF mode, press and hold the Power key for 3 seconds to enter the Android startup process. The device will take about 10 seconds to enter the system desktop, with the display in locked mode, please press and move the icon by the white circle, the display will unlock automatically, see the image below:

Switch off:

1. When the device is in use, press and hold the POWER key for 3 seconds, the screen will display the power off interface; choose the power off option to confirm your selection and the system will shut down automatically.

2. Note: When the device is running low on battery power, it will sound an alarm and then shut down automatically if it isn't plugged into a power source to start charging. If the device cannot start up please check if the battery power is too low by charging the device

3.8 Power Saving Mode and Locked Mode:

Display turn off automatically when the device is under no usage status

（1）Starting power saving mode, display will turn off automatically when device not in using.

（2）Short press the "POWER" key when the device is in use will make the system enter SLEEP power save and locked mode.

Turn on the screen under inactive state

Under the power saving mode, the display is just turned off and showing a black screen. This means that music play, movies play etc. will still continue to run.

Short press the power key, the system will return to locked mode, unlock by pressing and moving the icon as show.

3.9 Operation of touch panel

How to operate?

You can browse over the user interface, main menu or applications by kinds of ways:

Click:

Just touch and click, when you're going to input or choose applications on the main interface.

Press on:

Press on the icons or shortcut icons to open program you'd like, like textbox & linkage.

Slide

To move quickly on screen vertically or horizontally with your finger

Drag

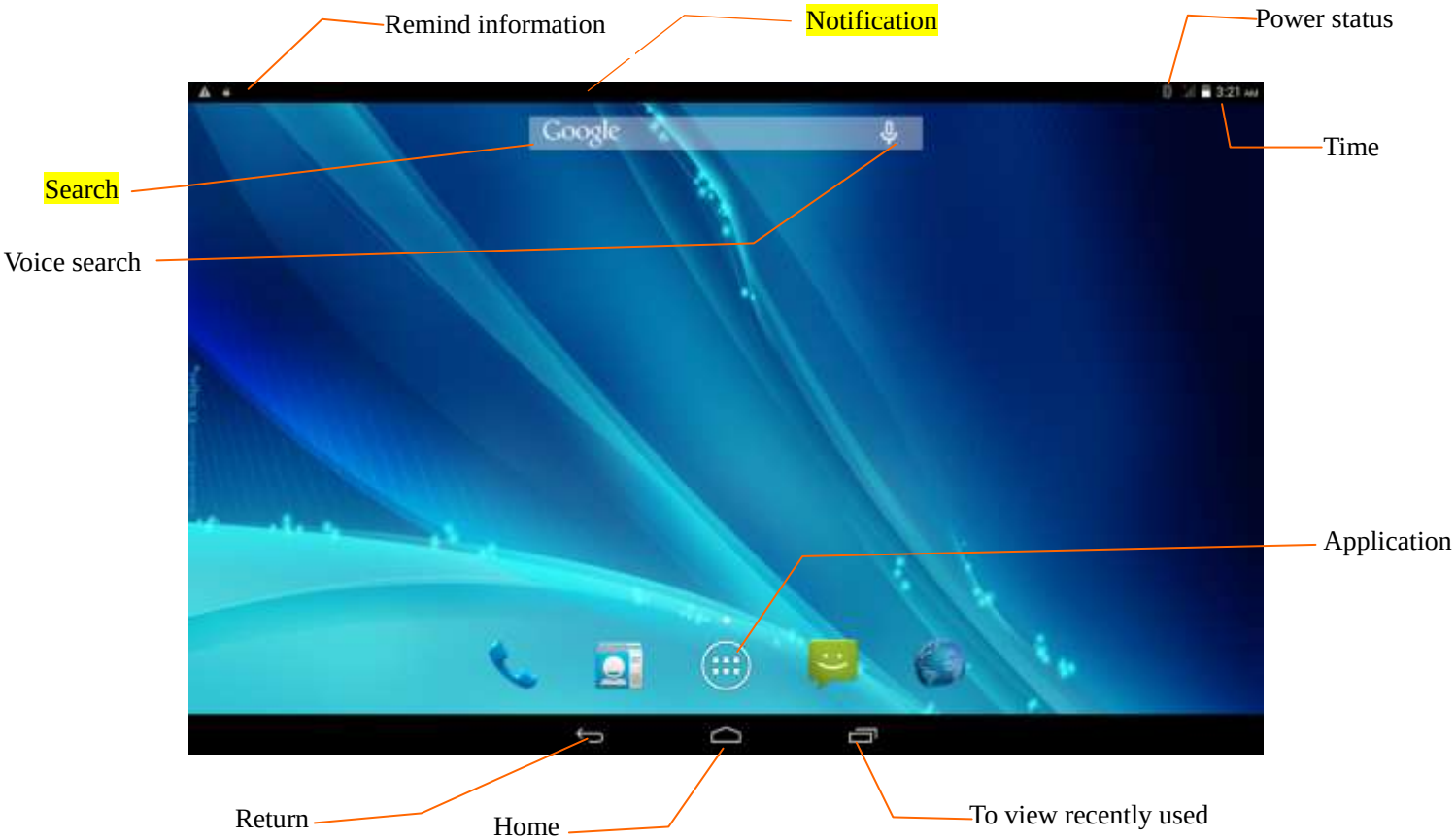
Press on with certain pressure before dragging, and then keep pressing until the icon be dragged to the target place.

Rotate

To most interfaces, for example, the input text and music interface, the direction can be changed easily just by swaying the device

3.10 Main Interface

Main interface as below, press blank place for seconds, you can use the interface of applications, shortcut icons or user-defined page as wallpaper.



Extend out of main interface

Main interface can extend beyond of interface to provide more space for new-added shortcuts or gadgets. Pressing the blank place of interface, slide to left or to right quickly to extend to left or right of outsider interface of screen and there are two extensible interfaces available, see below:

Shortcut Icons

Build a folder on desktop

（1）Drag and overlie icons into one, see below,pic 3.4

（2）click the overlying icon, you'll find all icons dragged inside it. See below pic 3.5:

Click the unnamed folder at lower edge of black pane, hidden keyboard shows up, and then you can rename the folder. You can also change the place of icons inside by long pressing the icons.

Pic 3.4

Pic 3.5

Delete icons on desktop

- Long pressing the icon to delete, ， an icon Remove will show up.
- Drag the icon to right place above Remove until the dragged icon is in red.,

Change desktop wallpaper

- Long pressing the blank place of main interface, a window pops up.
- Click gallery or system default wallpaper and choose the pic you want.

Voice search

- Touch the icon 。
- Operate accordingly the goggle options.
- Set up your target language according to the prompting of pop-up window, and confirm.
- Speak out towards to the mic. what you need, and result list will show up.

Note: Please make sure your network is connected before search.

3.11 Apps

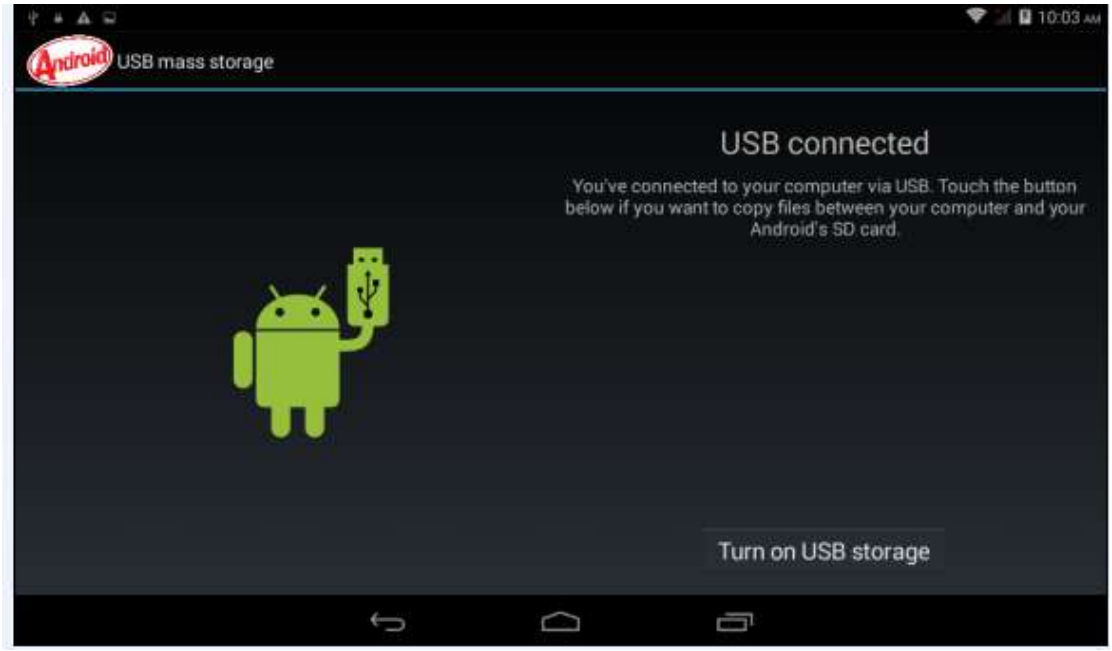
Click on the screen, then choose your target app after entering into the main interface, see below:

3.12 USB Connect

Storage setup

Set up the storage mode before transfer files Connect MID and computer with USB cable.

- Connect the tablet and the computer by the USB cable.
- Open the notice interface, （refer to chapter 2.3- Condition and Status of MID）.
- Clicking USB Connected, open the icon of USB Storage, see pic.3.7.
- USB connected successfully



pic.3.7

Copy file into SD

1. Use USB cable connects MID with computer.
2. According to the MID storage Settings, after successfully connected to the computer.
3. Open your computer in my computer; see the "removable disk (x)" in the content.
4. Find wants to copy the file, copied to the removable disk (x).
5. Copy is completed, click on the "closed USB storage devices" uninstall it.

Note: when your MID connected on the USB cable, if you open the USB storage devices, you will not be able to access memory through the MID, if you want to visit in the MID memory card, as long as the disconnect USB connection.

3.13 Input Text

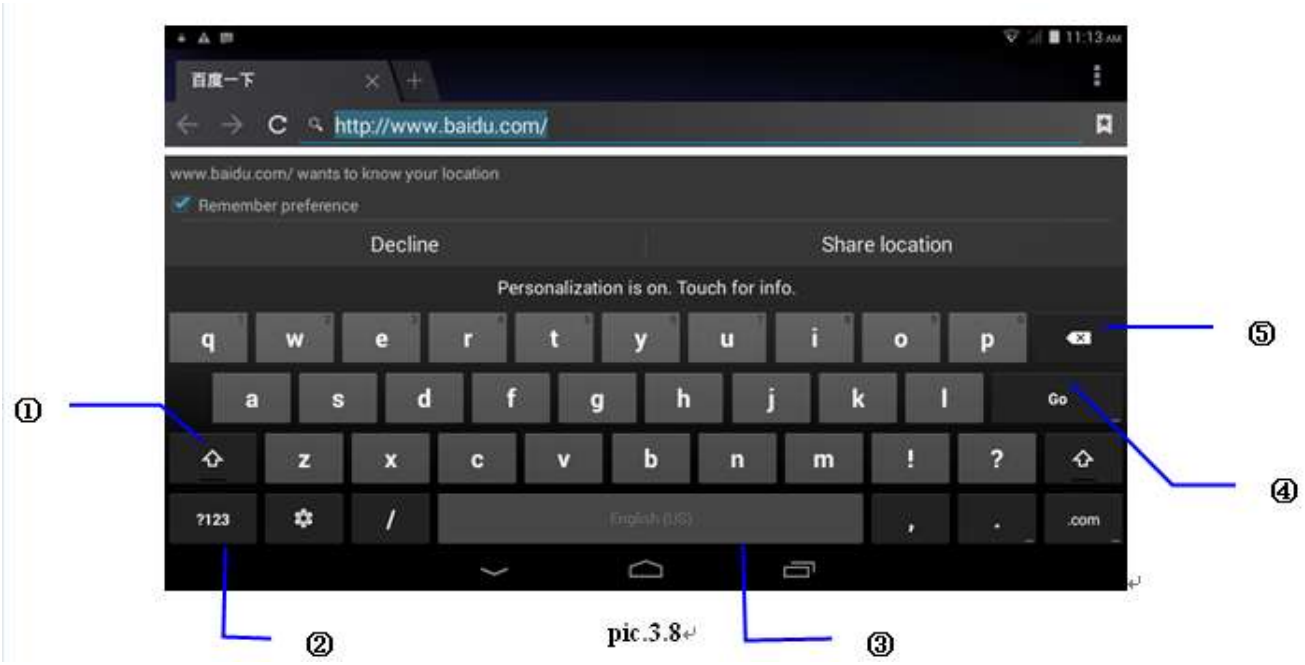
Screen Keyboard

When you need to input or edited , android keyboard will show up.

Choose input method

- Open application setup。
- Click Language and input
- All input installed will list on text setup.
- Choose your target input.

Input Method use and switch



pic.3.8

1	Capital and small letter
2	Digital input
3	Insert whitespace
4	Execute
5	Select character on the left of cursor and long press to select all.

3.14 Use Skills

Widget interface

Click “widget” or slide on the screen to left to enter into widget interface. Long press the widget to create a shortcut, and you can enter related app quickly just through the shortcut icon on desktop.

Create a shortcut icon on desktop

After enter into program interface or widget interface, long press any icons, a shortcut icon will

be created on the desktop, or press on and drug the icon to desktop.

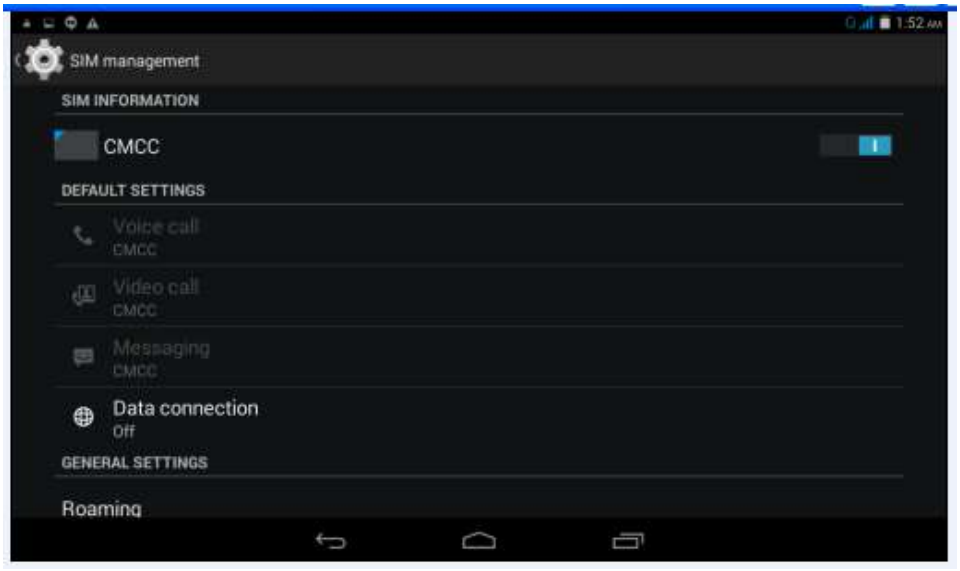
Note widget shortcut will not be created if there is no enough space left for.

4 General Setup

4.1 SIM Card management, WIFI & Network

SIM Card management

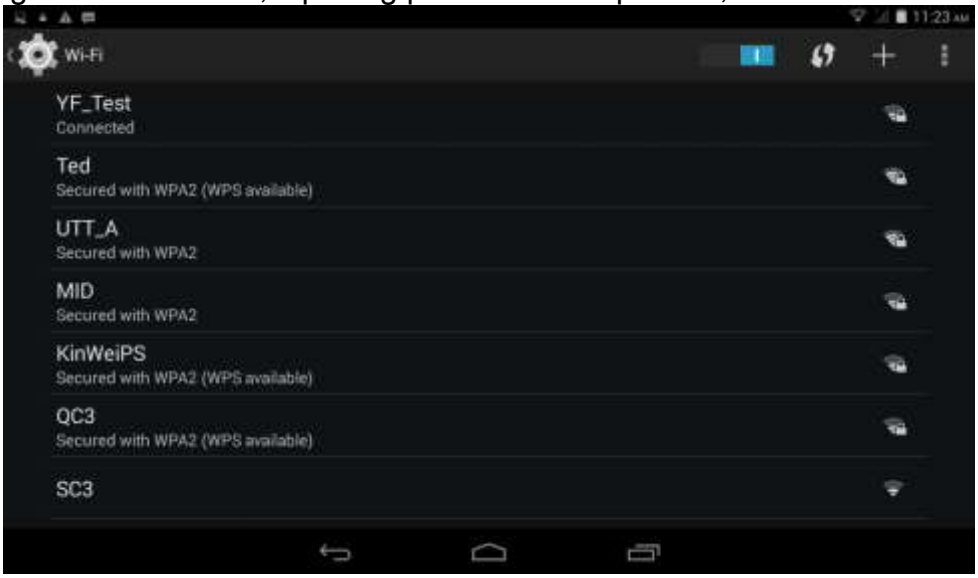
Through SIM management, SIM setup can achieve, for example, turn on/off SIM or turn on/ off data connection.



pic.4.0

Connect WIFI

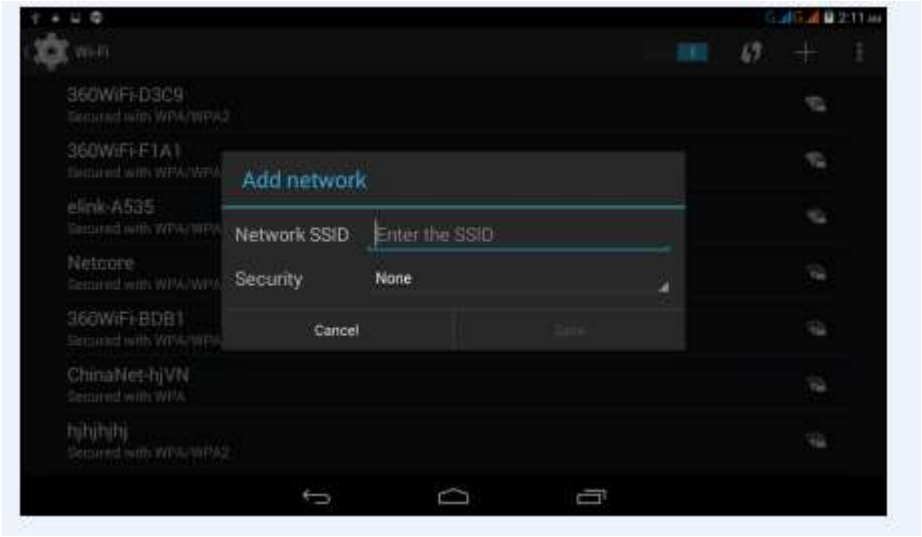
- Choose setup application on main interface.
- Turn on WLAN, MID will scan automatically available Wi-Fi network.(pic.4.1)
- Choose target Wi-Fi network, inputting password if requested, click “connect”



pic.4.1

Add Network

- Click icon ,



pic.4.2

- Input network SSID，name of target network, and click “save”.
- Click user name saved and click “connect”.(pic.4.3)

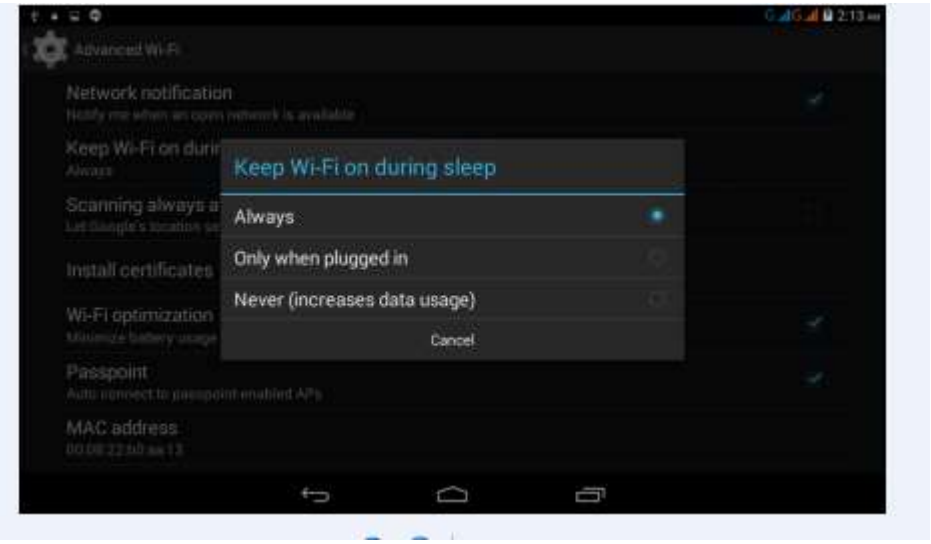
pic.4.3

WI-FI status:

Under WIFI Status turned on, user can see the notice at bottom right corner when WLAM network available.

Connect WLAN during sleep mode.

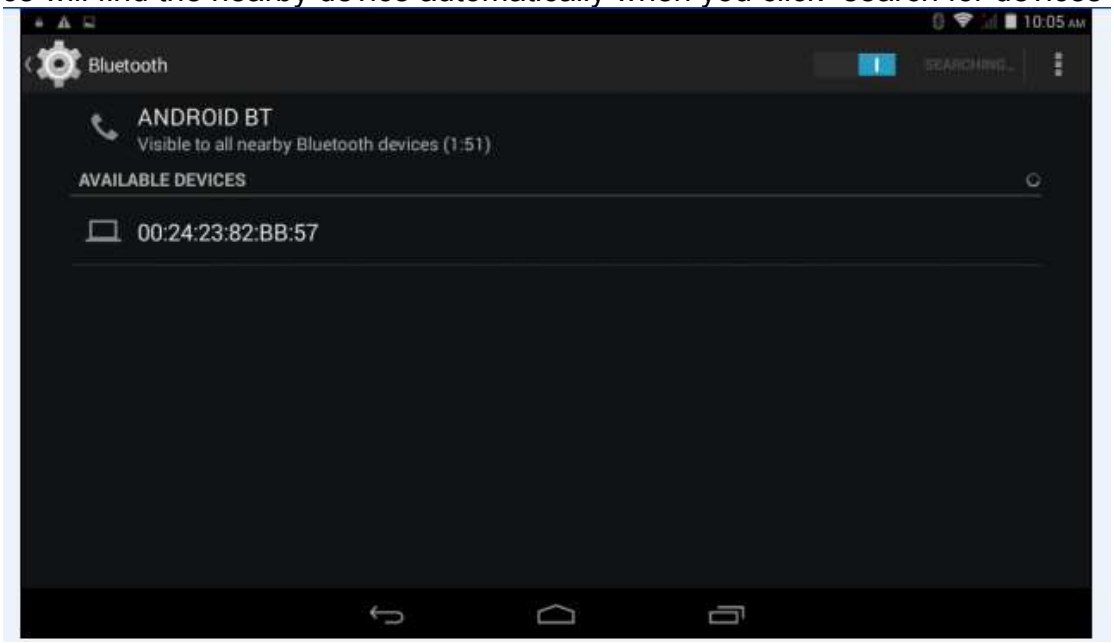
- Click icon top right at screen，and choose high class mode。
- Click “keep Wi-Fi on during sleep” and choose accordingly the option prefer to.



pic.4.4

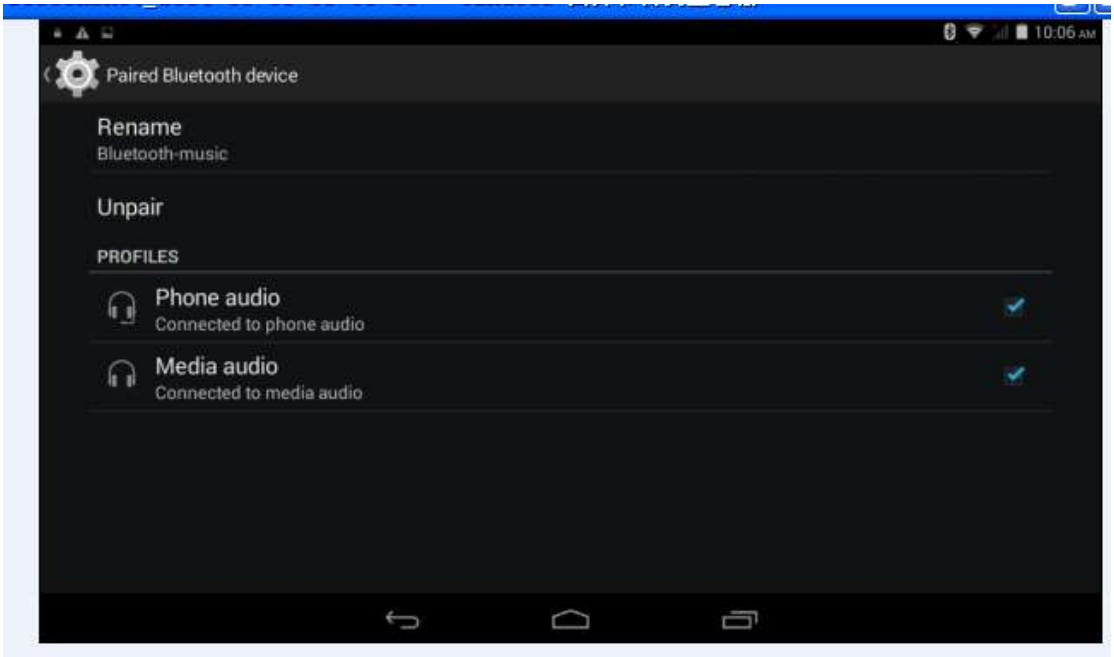
4.2 Bluetooth（Optional）

- . Choose *settings* application on main interface.
- Turn on Bluetooth as shown below.
- The device will find the nearby device automatically when you click “search for devices”.



pic.4.5

- Click the target device name, input the password and choose “pair” for sure after “Bluetooth pairing request” window pop up.
- Click icon , entering into the interface, and then you can operate accordingly. Target device name can renamed if need.

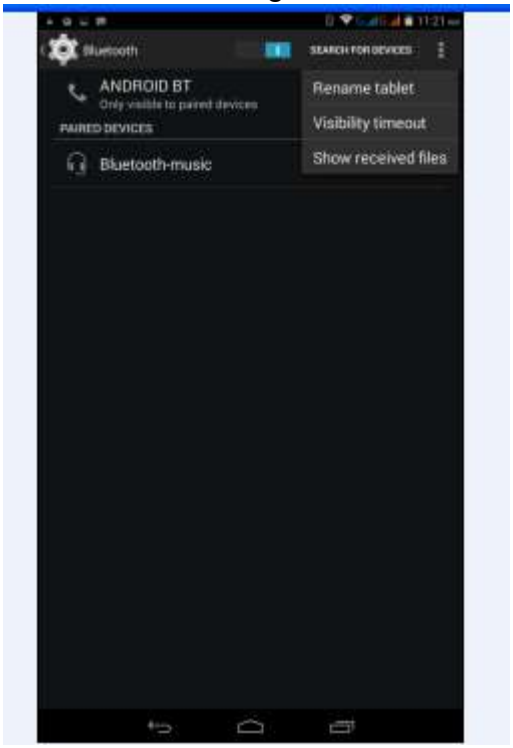


pic.4.6

4.2.1 Bluetooth setup

Rename

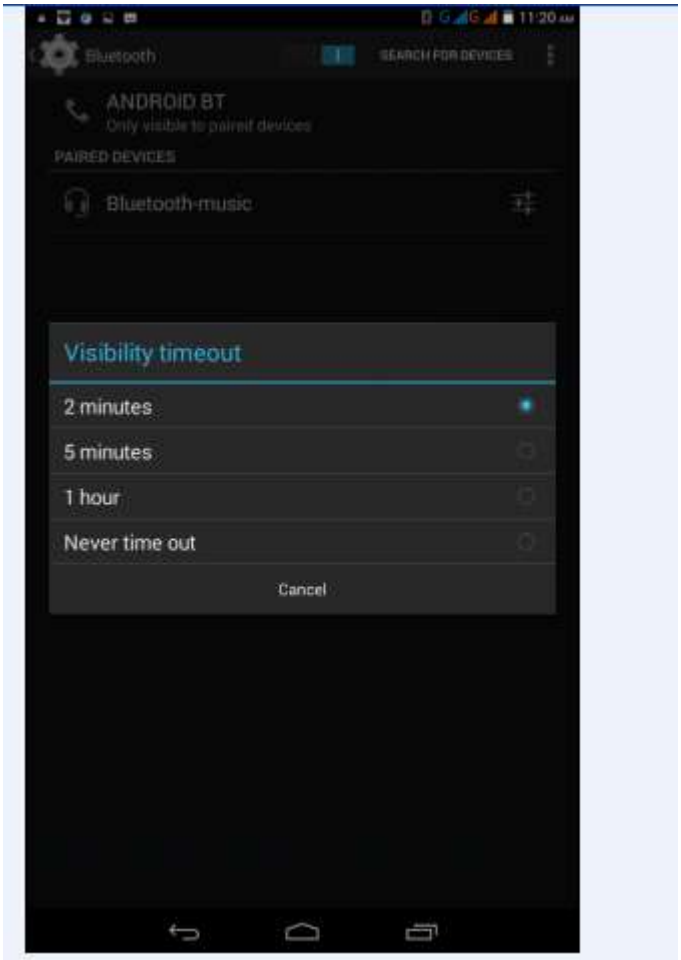
Click icon ， choose “rename tablet” and change to the name as what you want.



pic.4.7

Visibility Timeout

Click “visibility timeout” and choose time options accordingly.（Note：visibility timeout refers to the time setup of device be visible. ）



pic.4.8

Show received files

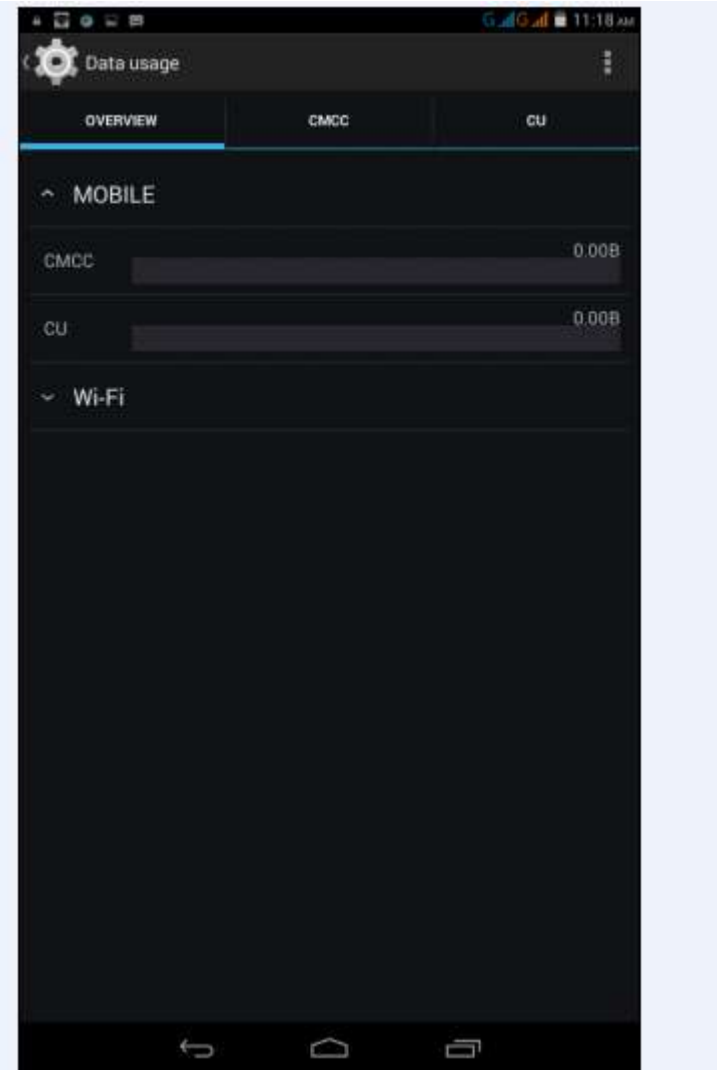
1. Open a file transfer service, allowing support Bluetooth FTP client connect Bluetooth devices, to achieve access to the server file and operations.

2. Bluetooth distance sensor

Turn on Bluetooth distance sensor, when two Bluetooth devices relatively far distance, or broken links, a Bluetooth device will make prompt sound

4.3 Data Usage

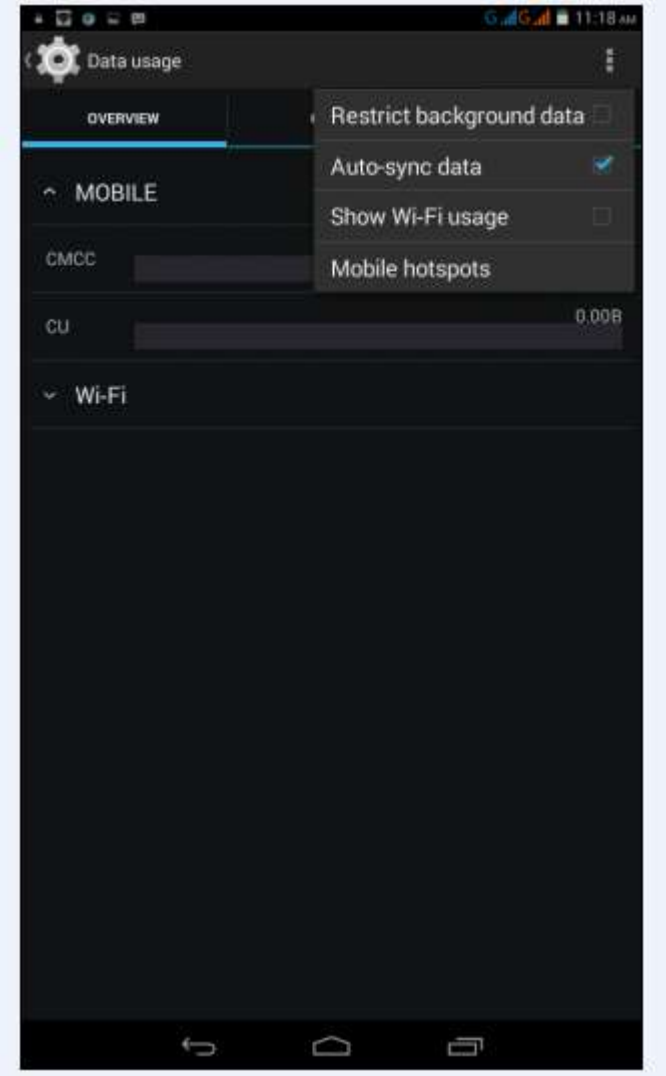
SIM Card data usage,



pic.4.10

WIFI data usage

Click icon ⋮, Choose “Show Wi-Fi usage”,



pic.4.11

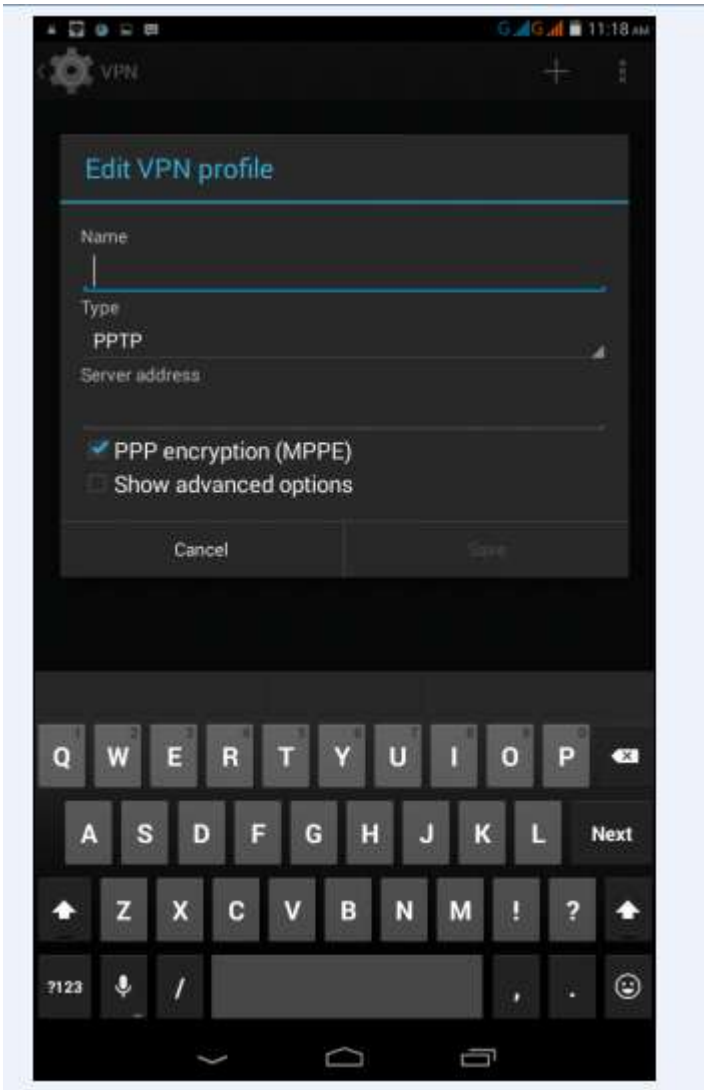
4.4 More...

4.4-1 Airplane Mode

Airplane mode is function for quick turn off of WIFI & SIM Card. WIFI & SIM card is out of reach under airplane mode, but it recovers once airplane mode turn off

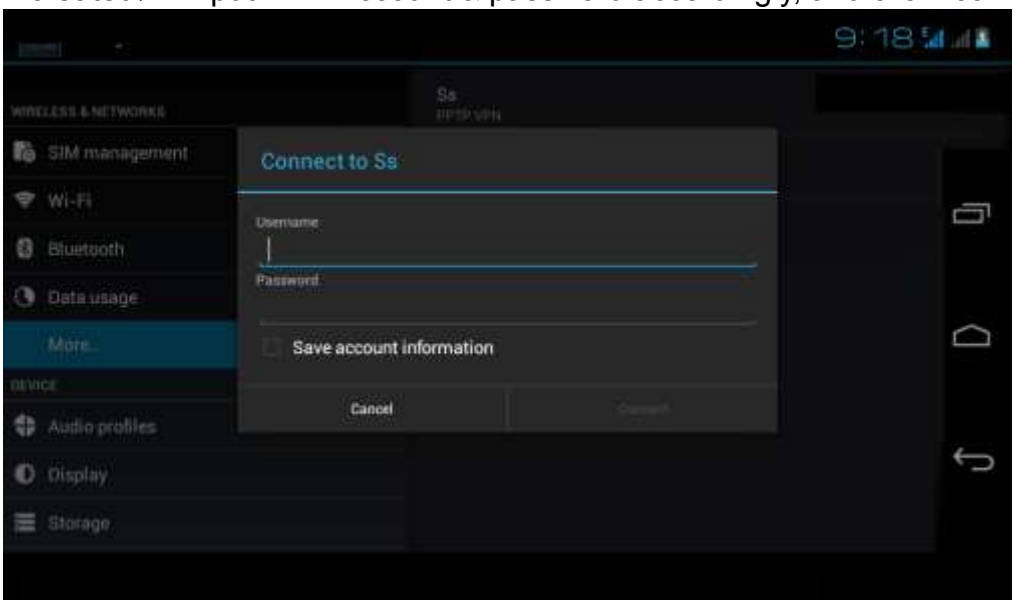
4.4-2 VPN

Open VPN and add VPN network, Input network name and related server address, and click “save” for sure.



pic.4.12

Click VPN created， Input VPN Account & password accordingly, and click “connect” to finish.



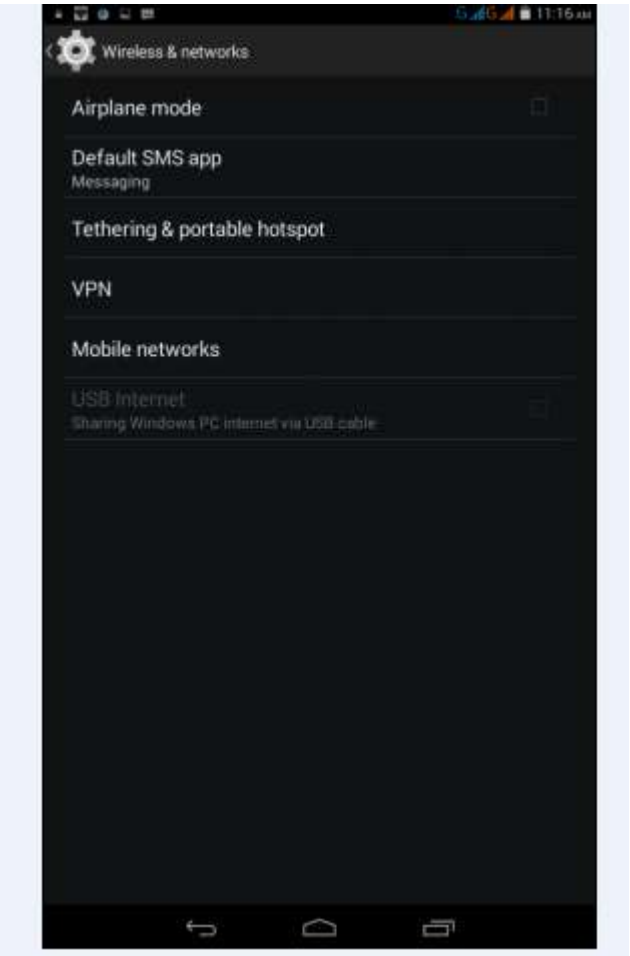
pic.4.13

4.4-3 Tethering & portable hotspot

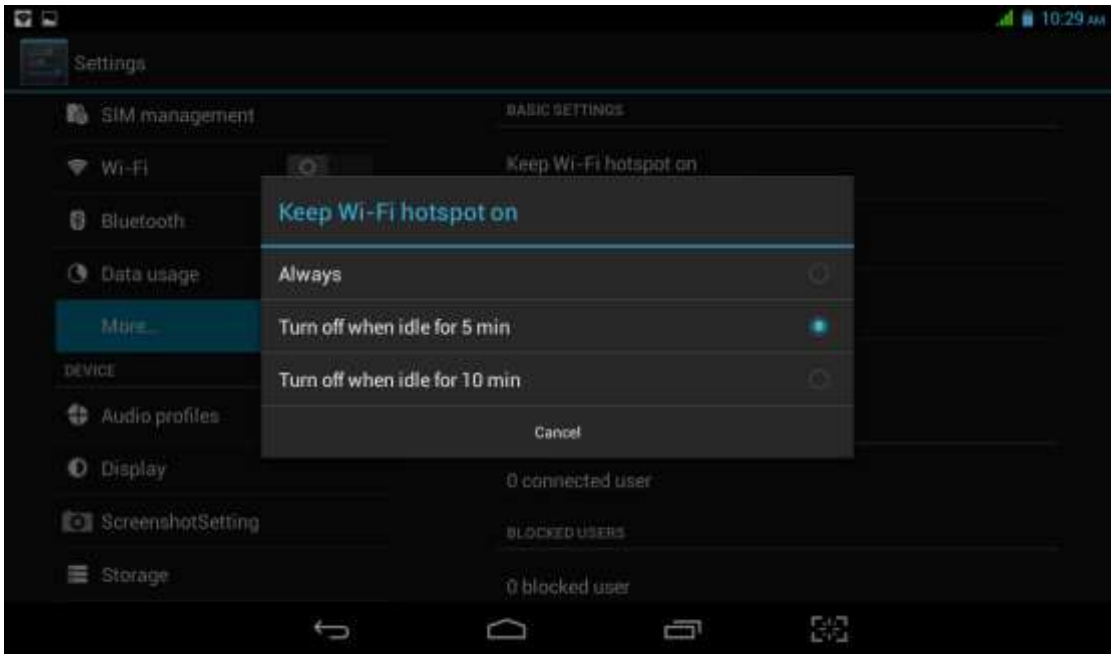
Tethering & portable hotspot

- Click the app “settings” on menu interface.

Make sure the device is under Wi-Fi connected. Choose More… and click “Tethering &portable hotspot”.

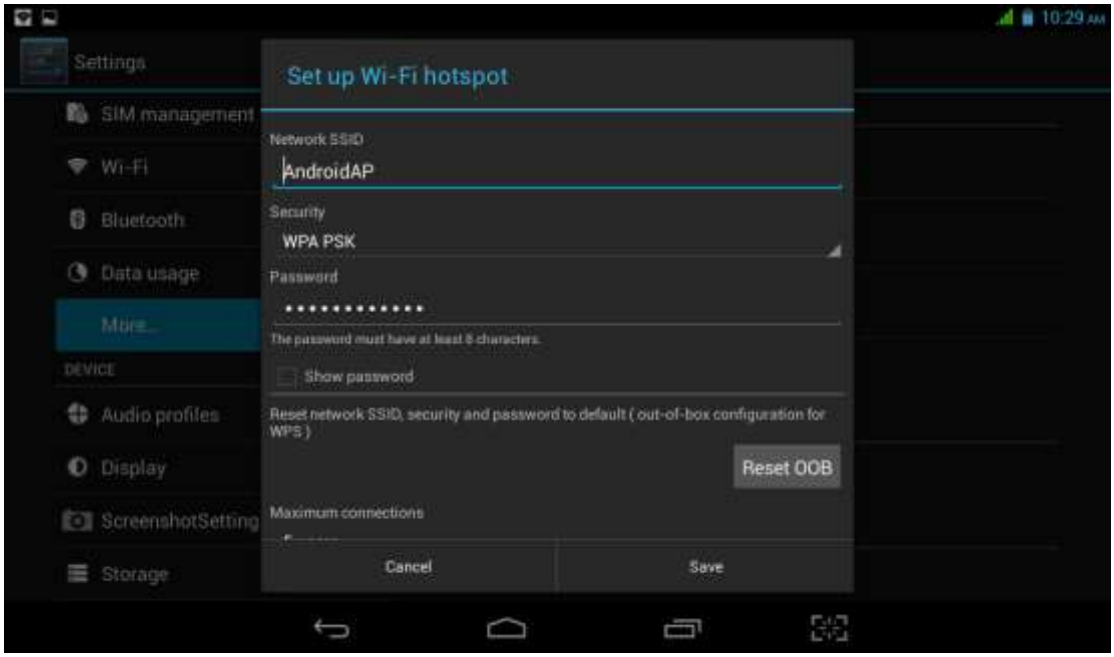


pic.4.14



pic.4.15

- Clicks “keep Wi-Fi hotspot on” and choose suitable period.
- Click icon “return”，opening portable Wi-Fi hotspot and click “setup Wi-Fi hotspot”.



pic.4.16

- Set up password for network encryption, and password should no less than 8 digits.

4.4-4 Mobile Networks

- **Data enabled**

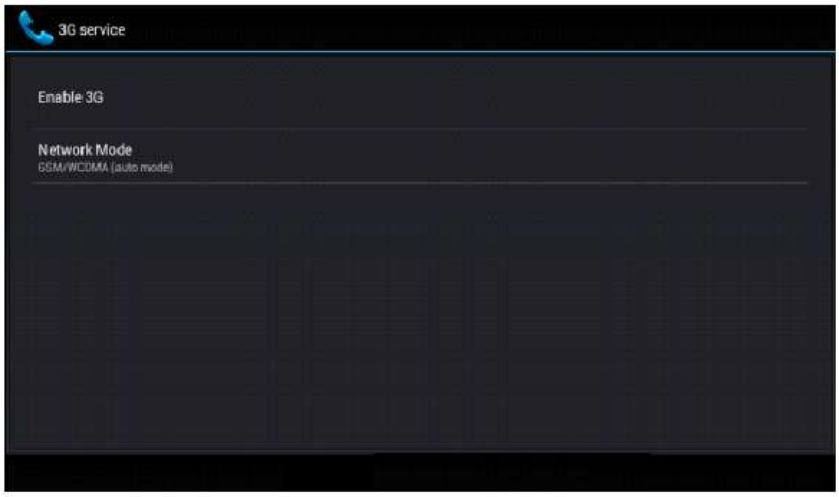
Under data enabled, you can use 2G/3G network through the SIM card.

- **Data roaming**

Under data roaming, you can surf the internet by SIM card in the situation of roaming.
This data roaming means roaming between operators, but not areas.

- **Network mode**

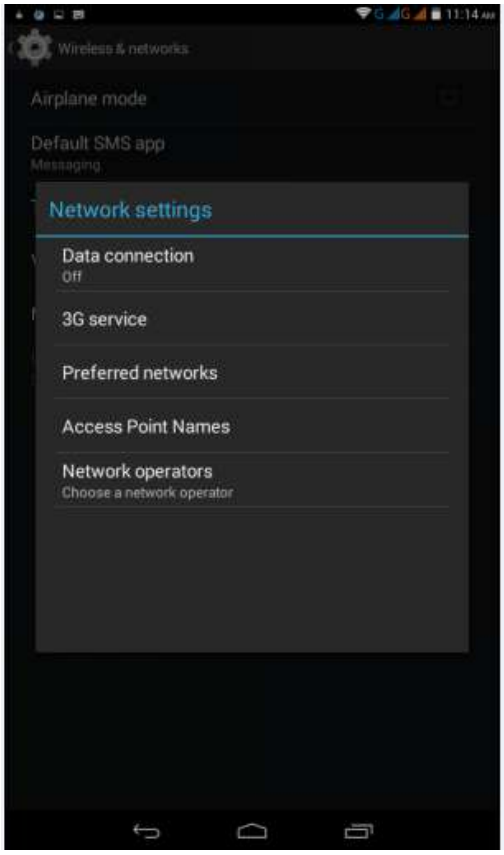
Choose 2G/3Gfrequency channel. GSM means 2G network, this device support GSM 850/900/1800/1900MHz and 3G frequency channel WCDMA 850MHz/1900/2100MHz MHz.



pic.4.17

（1）Access Point Name(APN)

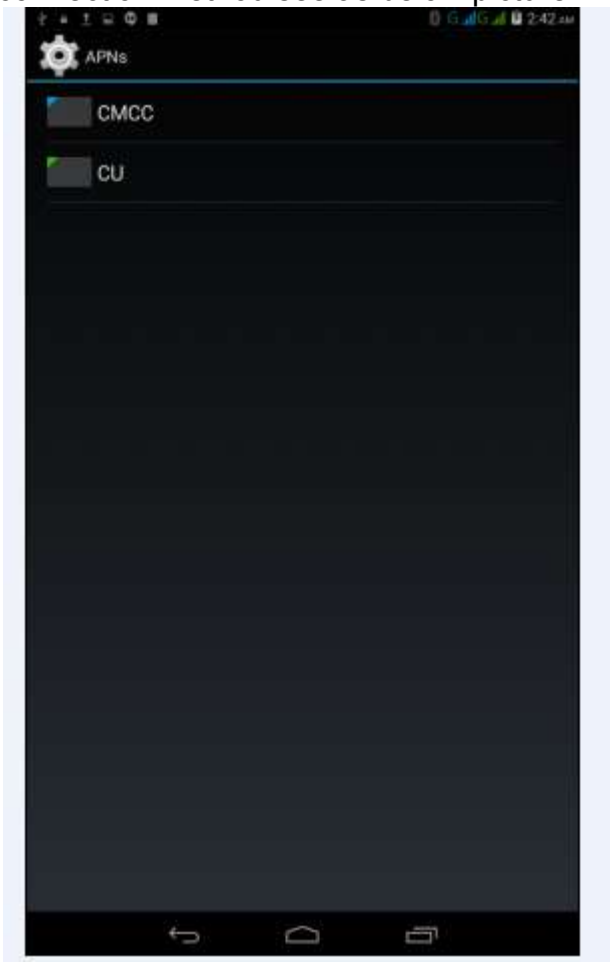
Click *Mobile network settings*, see as below picture



pic.4.18

（2）Choose access point name (APN)

Choose the corresponding connection method see as below picture



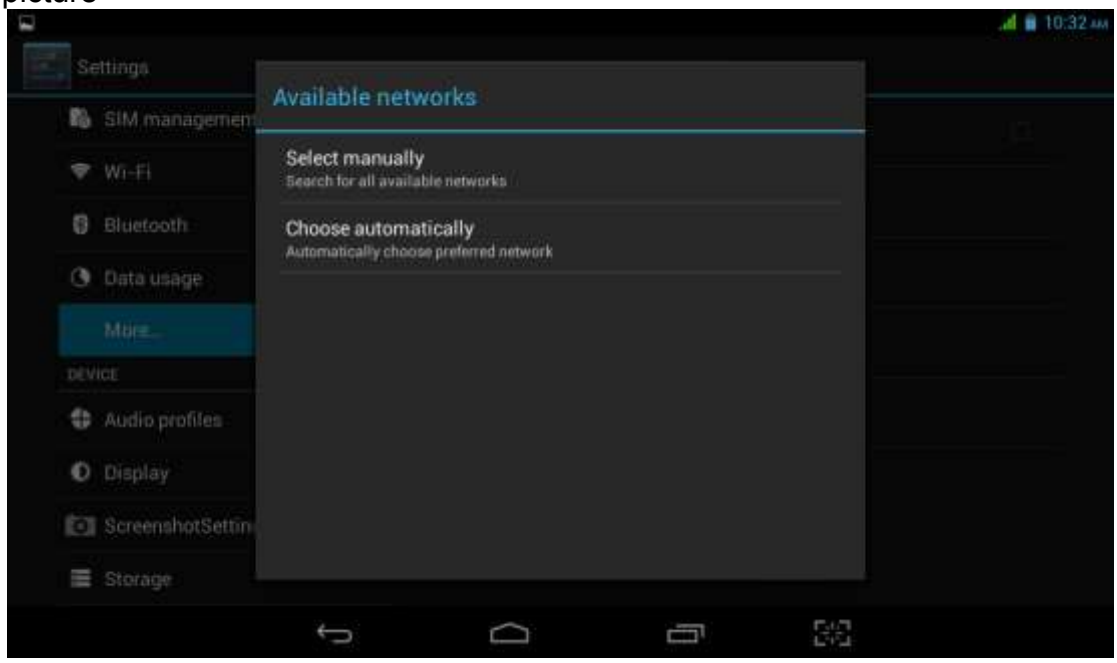
pic.4.19

Notes : (CMWAP transfers the date via GPRS, it can only visit wap webpage, but CMNET supports

www browser on mobile internet, it can log in the similar web page the same as we surfing on the computer. Meanwhile, the charges for them are different.)

（3）Network operator

Click operator, tablet system will automatically search available networks GSM and WCDMA, see as below picture



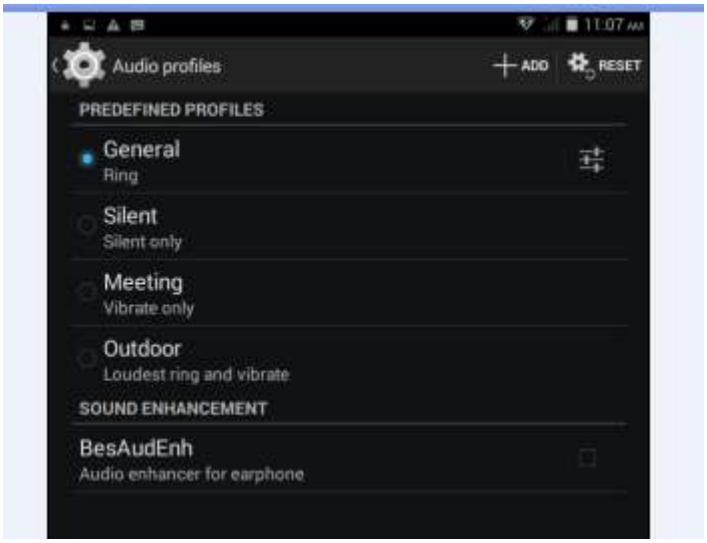
pic.4.20

4.4-5 GPRS data priority mode

When open the GPRS date priority mode, it will give preference to your use of the telephone network.

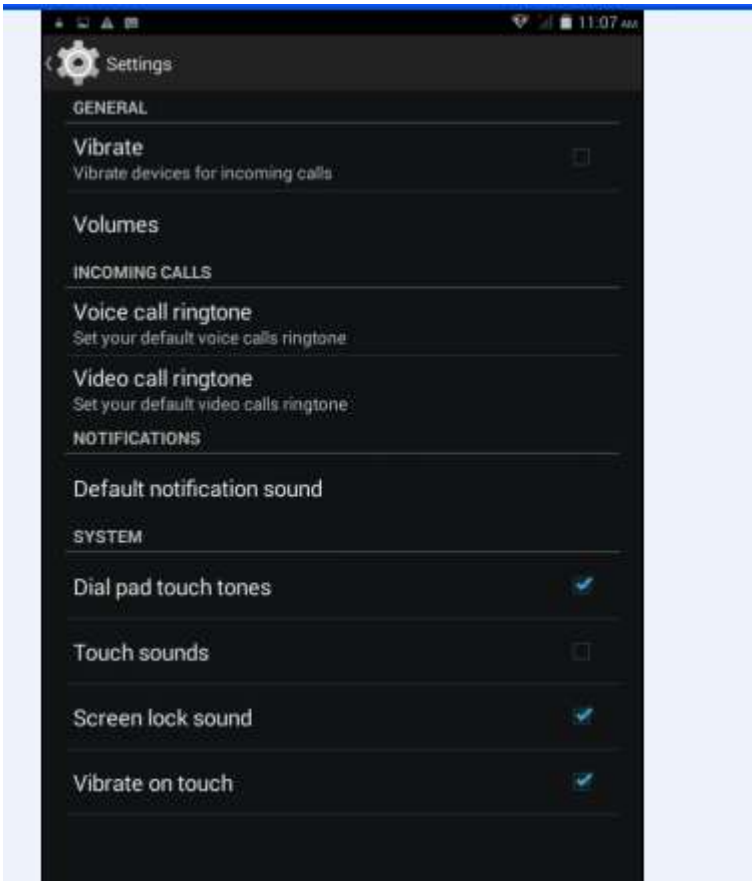
4.5 Audio Profiles

Open *setting* and choose *Audio profiles* and you can choose different mode for setting see as below picture



pic.4.21

Click *General* and access to setting see as below picture



pic.4.22

Vibrate

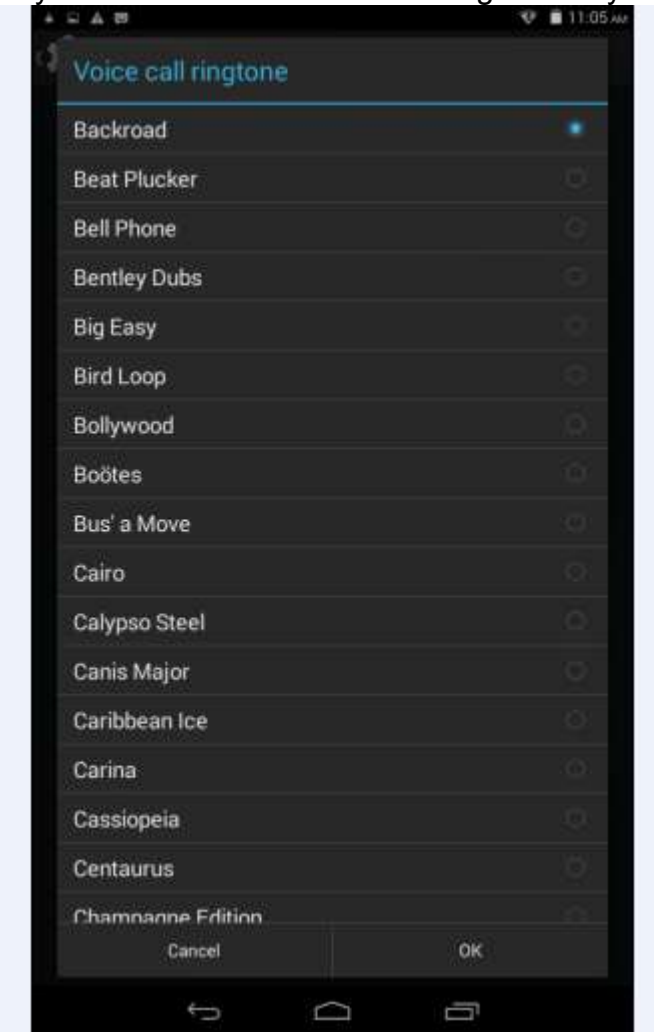
Click *Vibrate* which can realize the vibration effect on MID when you dial phone call, see as above picture.

Volumes

Click *Volumes* which can control the volumes of ringtone & notifications、alarms, see as below picture

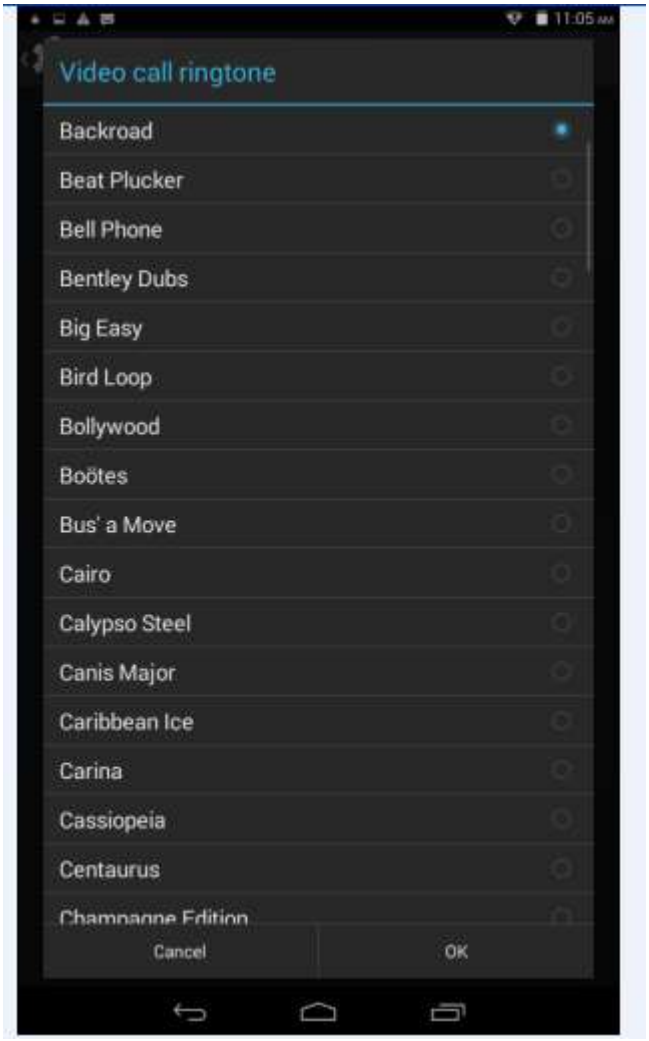
pic.4.23

Voice call ringtone
Click *voice call ringtone* and you can choose the different ringtone as you like, see as below picture



pic.4.24

Video call ringtone
Click *video call ringtone* and you can choose different mode of ringtones, see as below picture



pic.4.25

System

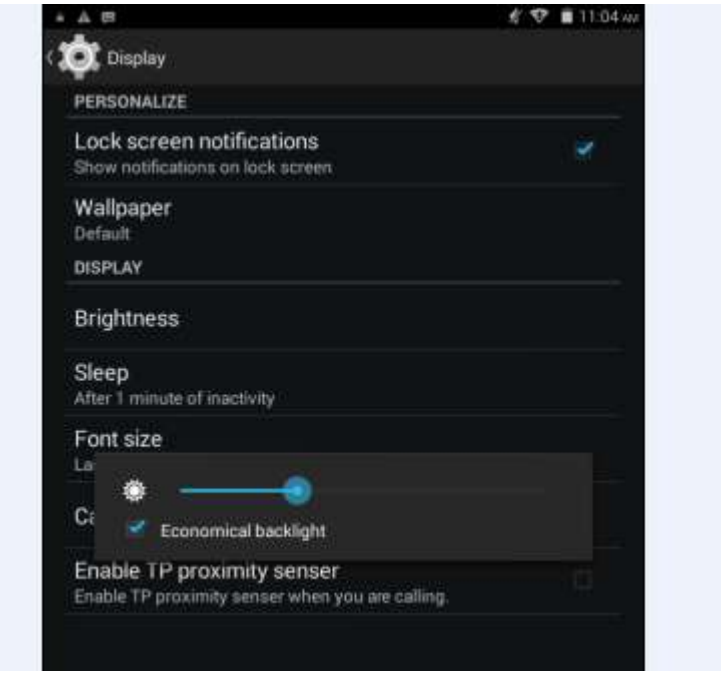
It can be checked by ON/OFF, “Dial pad touch tones”, “Touch sound”, “Screen lock sound”, “Vibrate on touch”.

(Notes: except *standard*, *silent, meeting, outdoor mode* can only be chosen but not be set.)

4.6 Display

4.6-1 Brightness

- Click *setting* Apps
- Click *Display* →*Brightness.*
- When pop-up brightness Settings panel, you can drag the brightness slider to adjust degree between dark and bright. See as shown picture

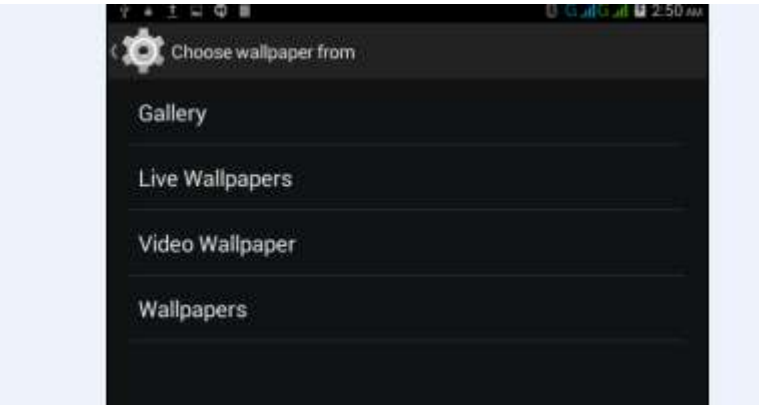


pic.4.26

- Once you set up the brightness, click *ok*.

4.6-2 Wallpaper

- Click Setting Apps
- Click Display wallpaper
- You can choose the wallpaper as you like, such as live wallpaper - gallery (custom) - wallpaper (system) - video wallpaper, as shown in picture



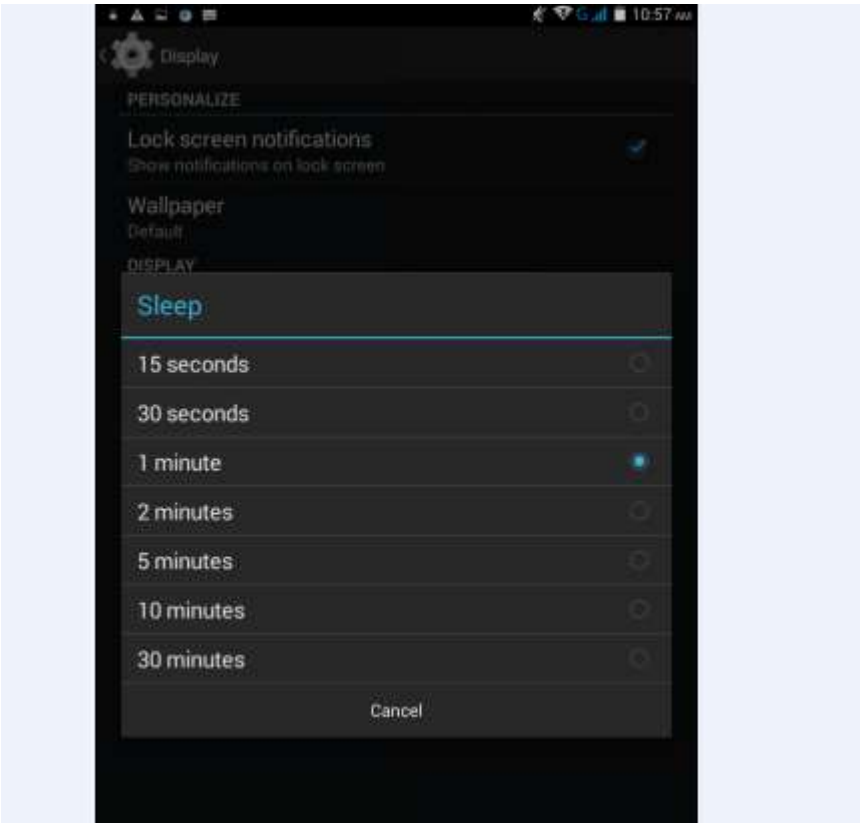
pic.4.28

4.6-3 Automatic rotation

System as the default open, when closed, the system will not rely on gravity induction to shift MID panel.

4.6-4 Sleep

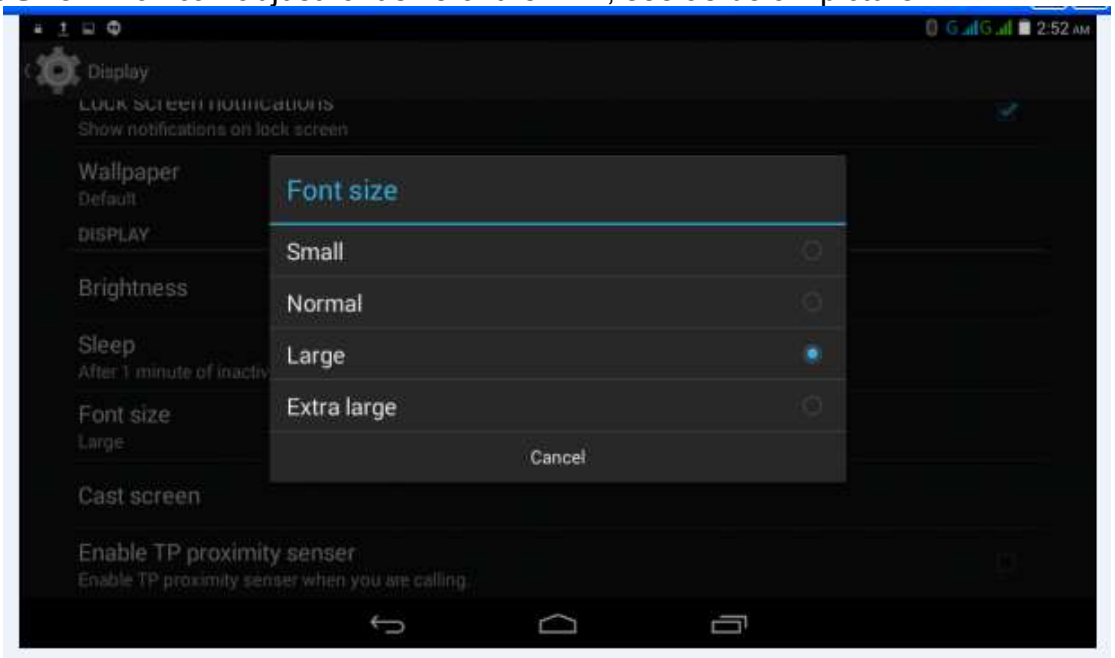
- Click Setting Apps
- Click Display
- Click Sleep
- When pop-up the page of sleep time setting, you can choose the sleep time as you like. See as below picture



pic.4.30

4.6-5 Font Size

Click *Font Size* which can adjust font size of the MID, see as below picture



pic.4.31

4.7 Storage

Open *setting* Apps→*Storage*→*DEFAULT WRITE DISK*, you can choose the preferred installation space when you install new applications.

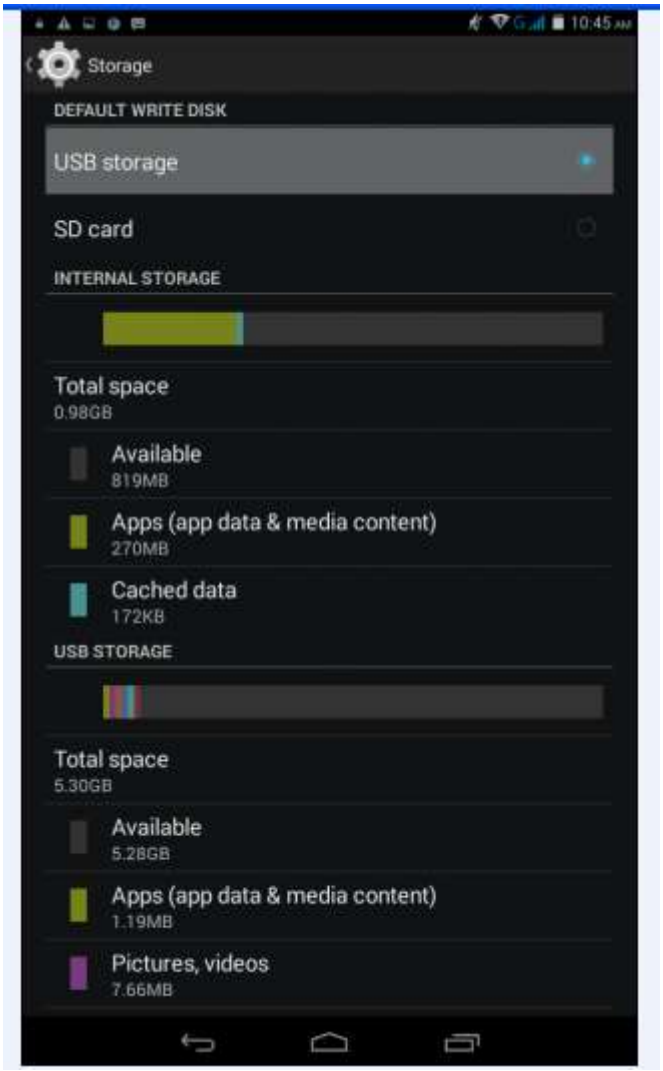
Check available space of SD Card and MID.

Check SD card and MID storage

Enter setting interface。

1. click storage to see the storage
2. INTERNAL STORAGE

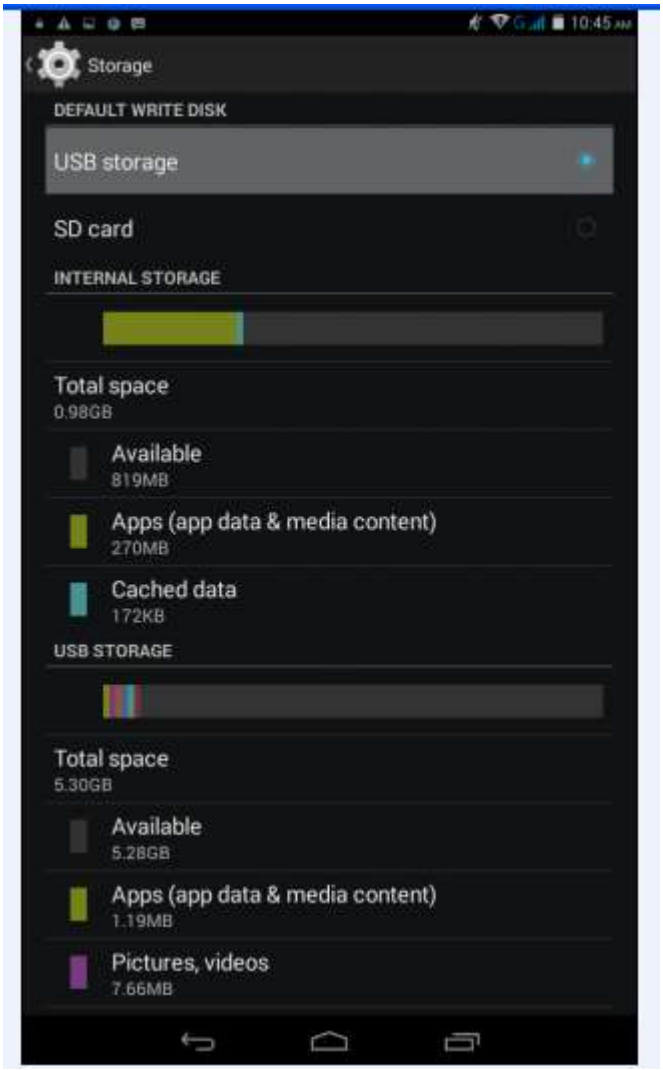
System is stored as a MID space reserved for system files; see below picture, this space can't see content.



pic.4.35

(2) USB STORAGE

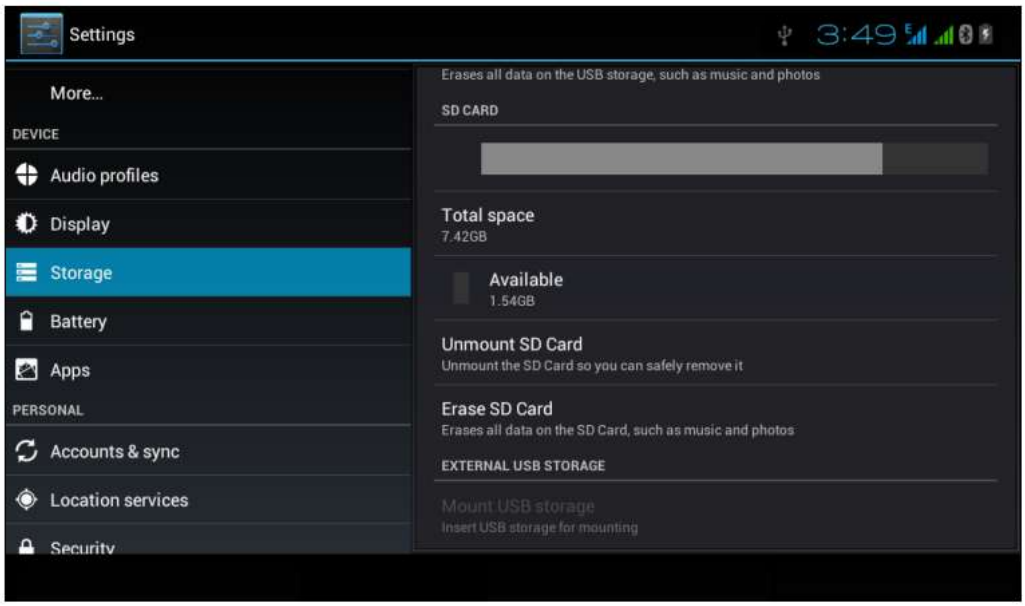
USB Storage is MID NAND memory. If want to check the storage content you can go to main menu files managements for checking.



pic.4.36

2. SD Card

In the storage you can check the SD Card total space, available, unmounts SD Card and Erase SD Card, and see as below picture



pic.4.37

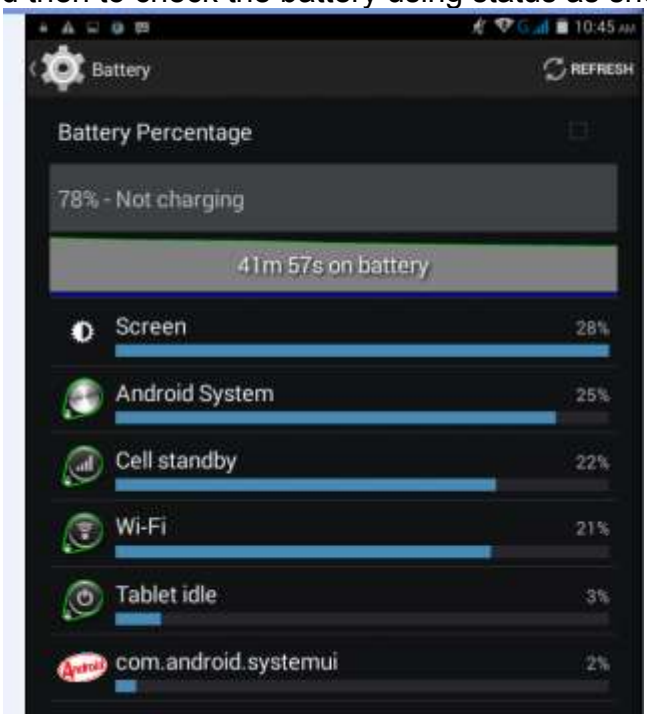
Remove SD Card safely

- Click *setting* Apps
- Click *storage*
- Click *uninstall SD Card*
- Now you can remove the SD Card safely.

Notes: If you remove the SD Card correctly, it can effectively protect it and increase the usage life of the SD Card.

4.8 Battery

Click *settings*→ *battery* and then to check the battery using status as shown below:

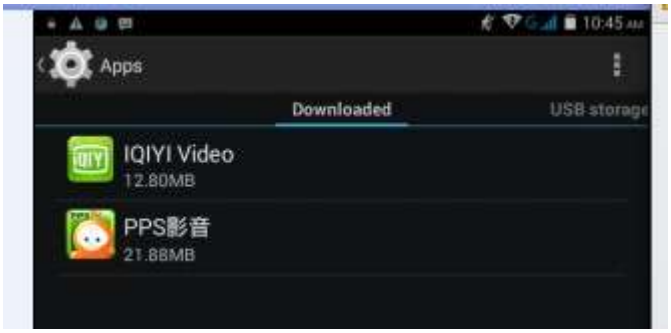


pic.4.38

4.9 Apps

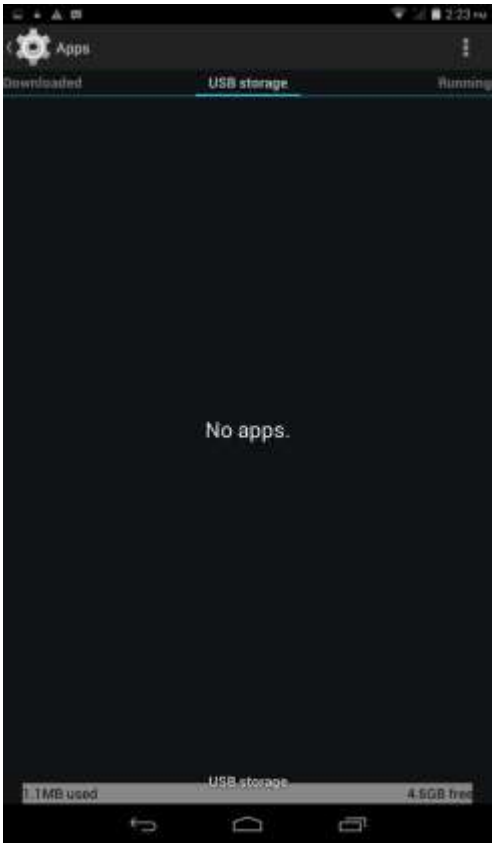
1. Please select setting in the application list.

2.Choose application and enter and then you can manage and delete the installed applications. In the lower left corner you can check the system storage space, see as below picture



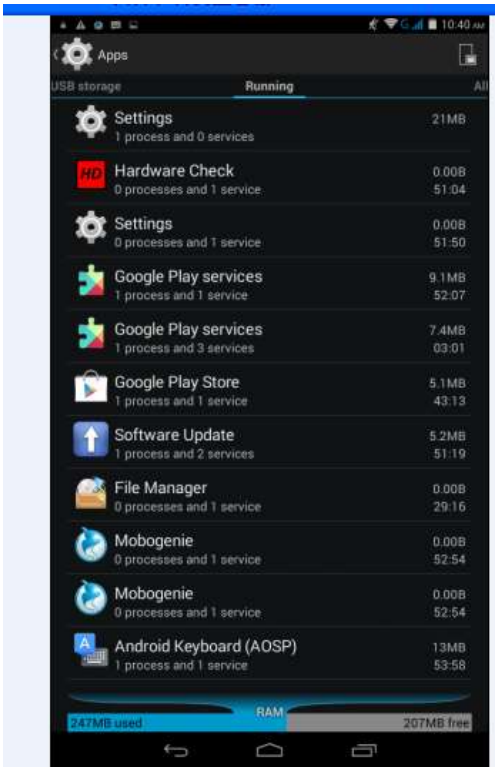
pic.4.39

3. Check *internal storage space*; see as below picture



pic.4.40

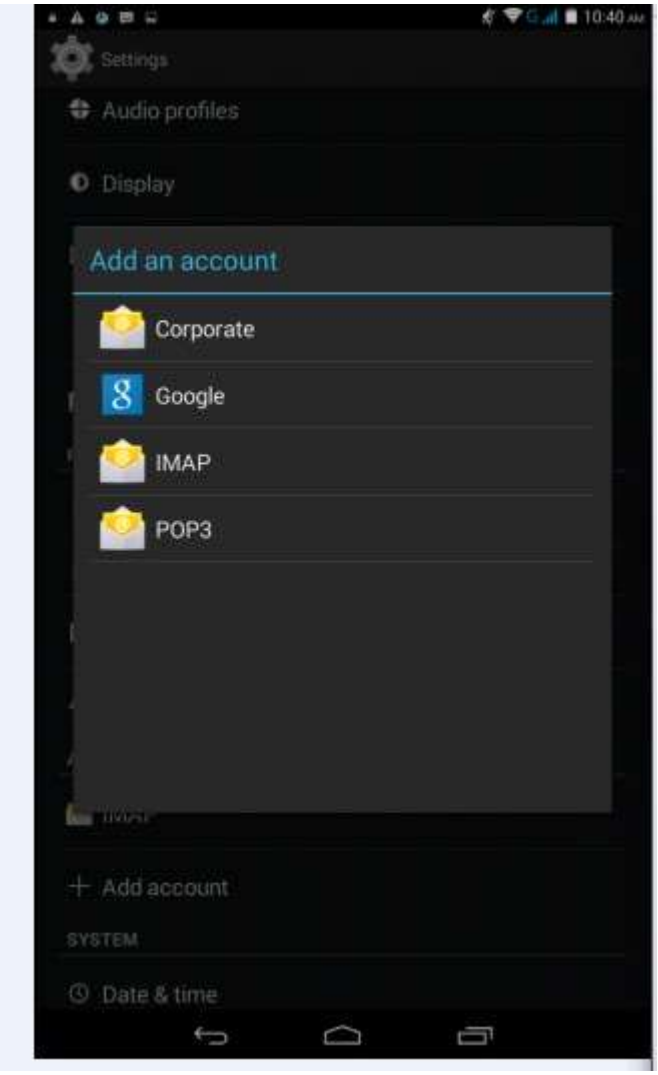
4. Check the running applications of their usage and available space see as below picture



pic.4.41

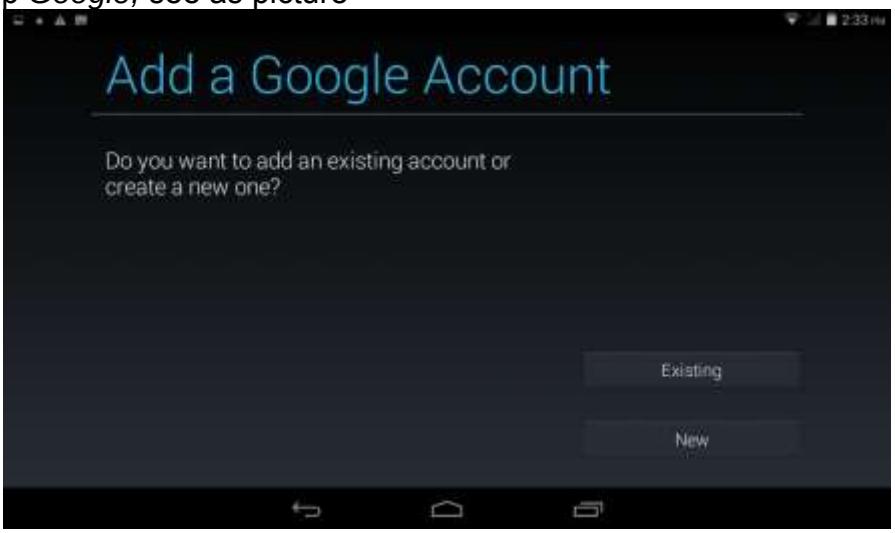
4.10 Account

1. Click *setting*
2. Click *Add account*, see as picture



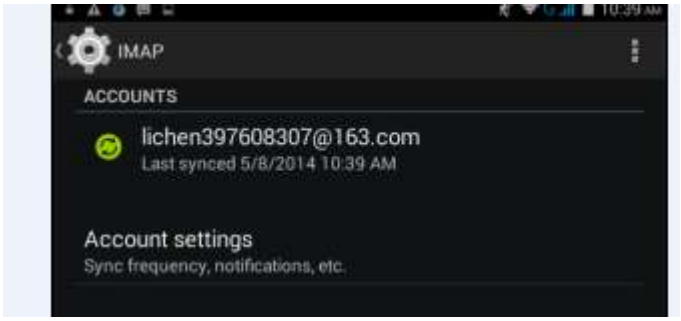
pic.4.42

3. For example tap *Google,* see as picture



pic.4.43

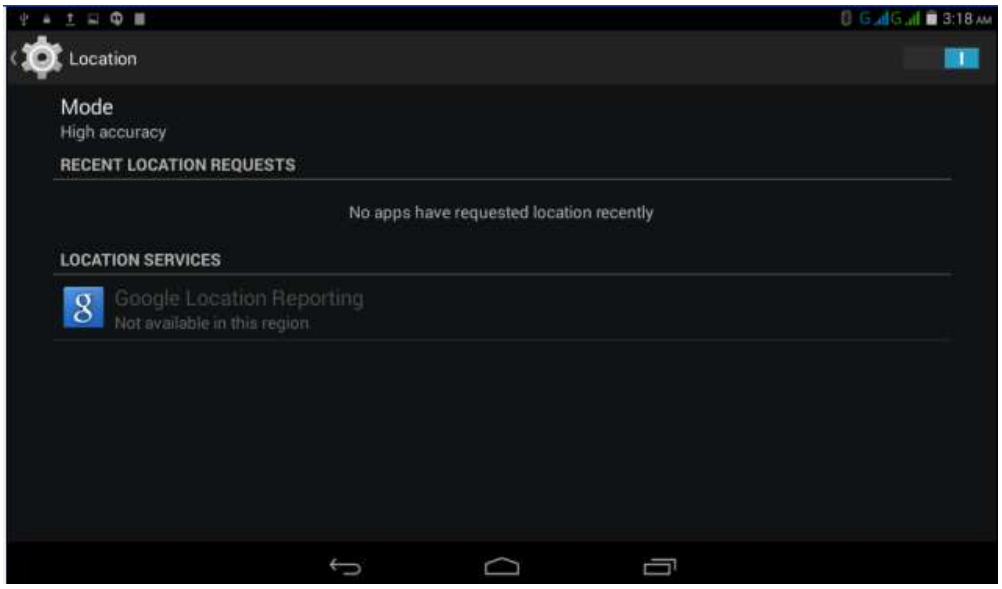
4. Once login successfully you can open synchronization function, see as picture



pic.4.44

4.11 Location access

Click *setting* and choose *location access*, see as picture



pic.4.45

4.12 Security

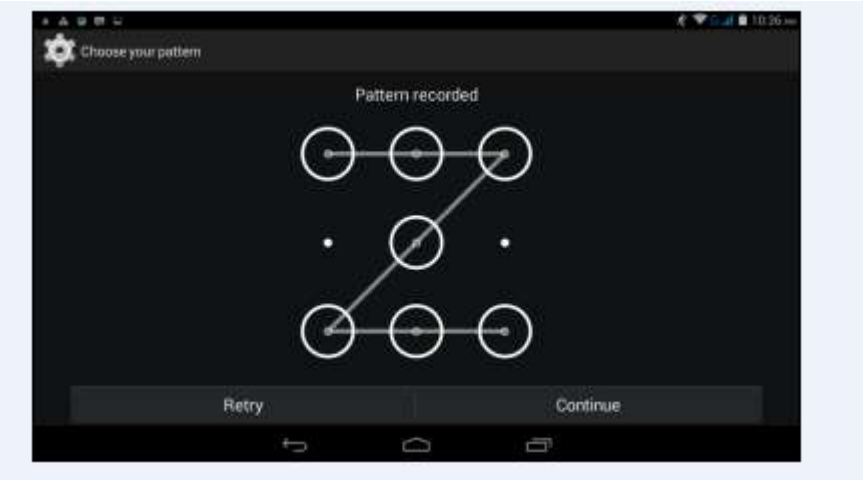
Set up screen lock

You can use password and unlock pattern to lock the touch panel and protect your MID.

Notes: Once you have set up the screen lock, every time when you reboot and unlock the touch screen will request to enter your password.

Set up unlock pattern

1. In the main menu page please click *setting* Application.
2. Click the security
3. Click the Screen lock
4. In the pop-up text setting area, choose pattern.
5. Click Next step as it mentioned.
6. It will pop up unlock pattern screen which has 9 dots. Slide your finger to connect the dots in any order on the next screen for creating a personal screen unlock pattern. You need to connect at least 4 dots. See as picture
7. Click Next
8. When you see the notice and type again the unlock pattern and click OK.



pic.4.50

Set up unlock PIN password

In main menu please tap settings→Security→Lock screen→in the pop up text set area choose PIN→type new PIN password(finger) and tap Next→type again new PIN password and tap OK.

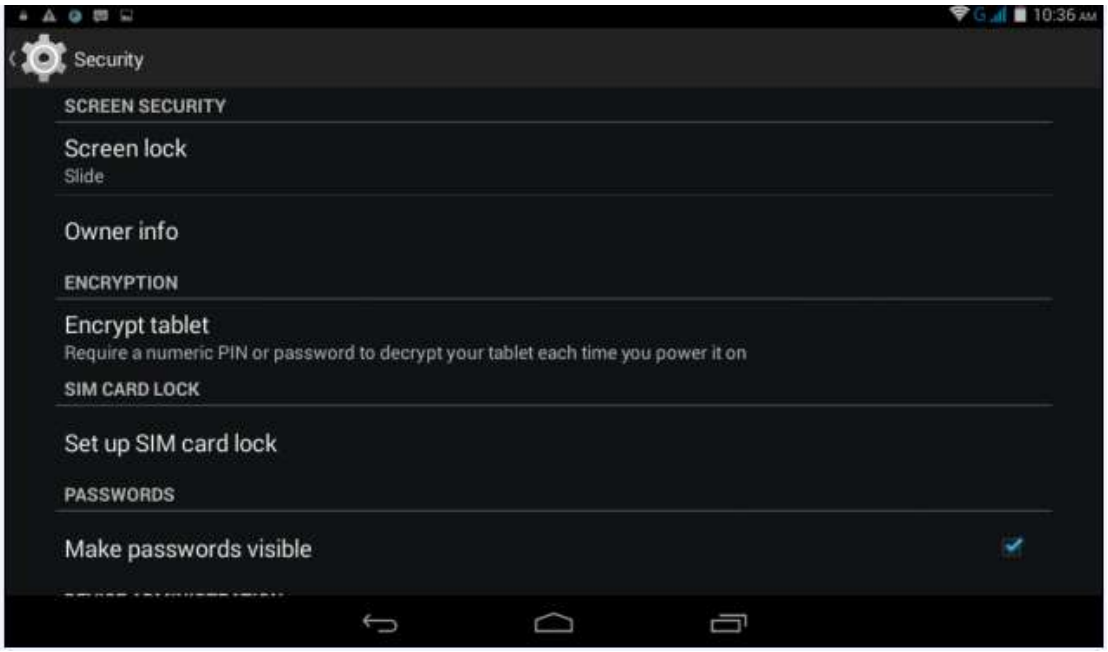
Set up password

In main menu please tap settings→Security→Lock screen→in the pop up text set area choose Password→type new Password(alphanumeric) an

tap Next→type again new Password and tap OK.

Unknown sources

In main menu tap Settings→ Security→Unknown sources, see as shown picture

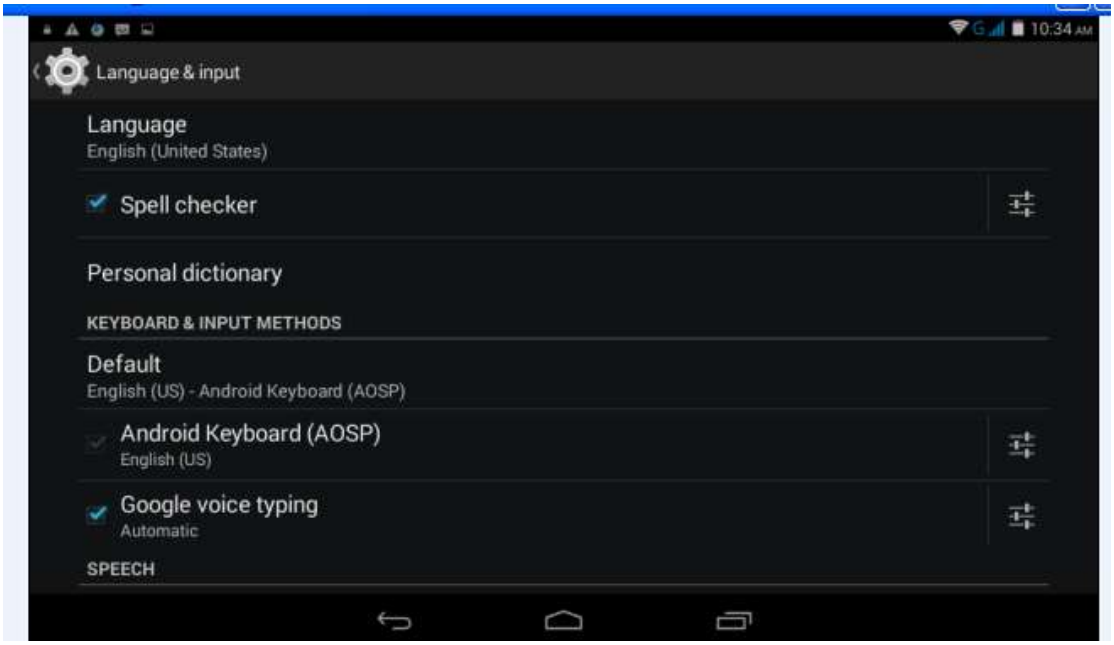


pic.4.51

Notes: Click *unknown sources* and then you can install APK files by hand successfully.

4.13 Language & input

Tap setting→Language & input. You can choose the language as you need. See as below picture

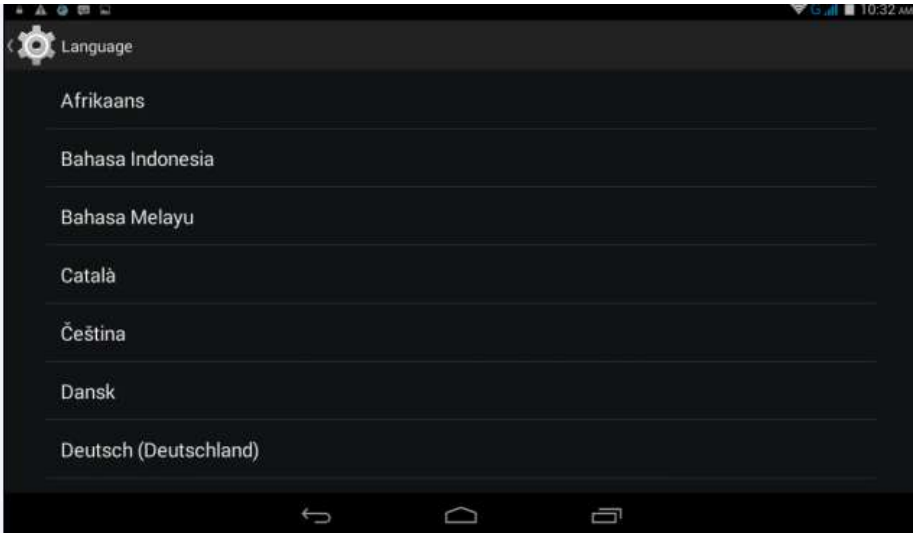


pic.4.52

Tap *settings→Language & input→Android keyboard settings→input language*, see as below picture

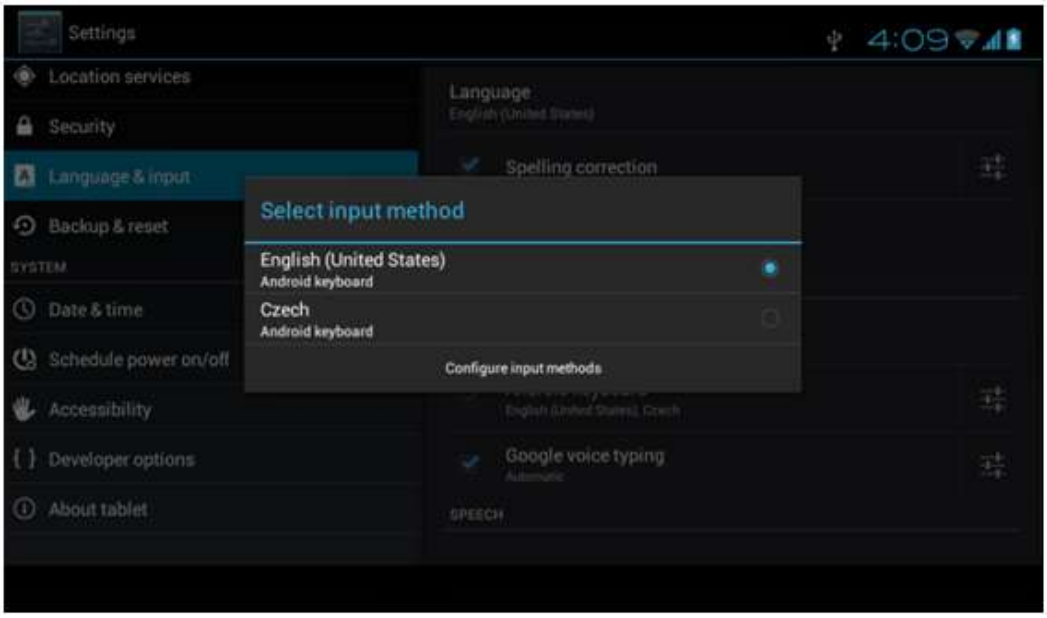
pic.4.53

In the effective input method you can change the default language as you need. See as picture



pic.4.54

Return to *Language & input*, tap *default* to choose *input method* as you need. See shown picture

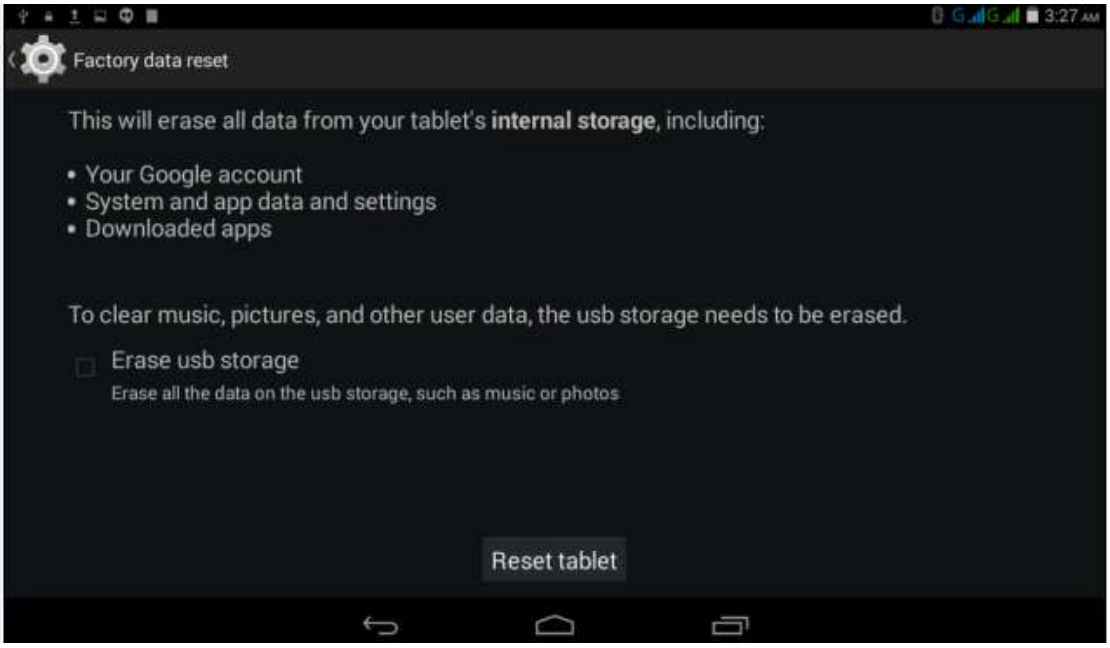


pic.4.55

4.14 Backup and reset

Tap *Backup my date* after you have logged in Google account and connected Wi-Fi the system will automatically backup your date to Google server.

For some reasons you have to restore the factory settings, please tap restore the factory settings.; If you want to format MID NAND, please click on Erase USB Storage and tap reset tablet is ok. See as picture



pic.4.56

4.15 Date and Time

As default setting, system will set the date and time automatically by using network-provided values.

Set the date and time zone by hand

1. Click settings

2. scroll down the screen and click date and time.

3. Close Automatic date & time

4. Close Automatic time zone

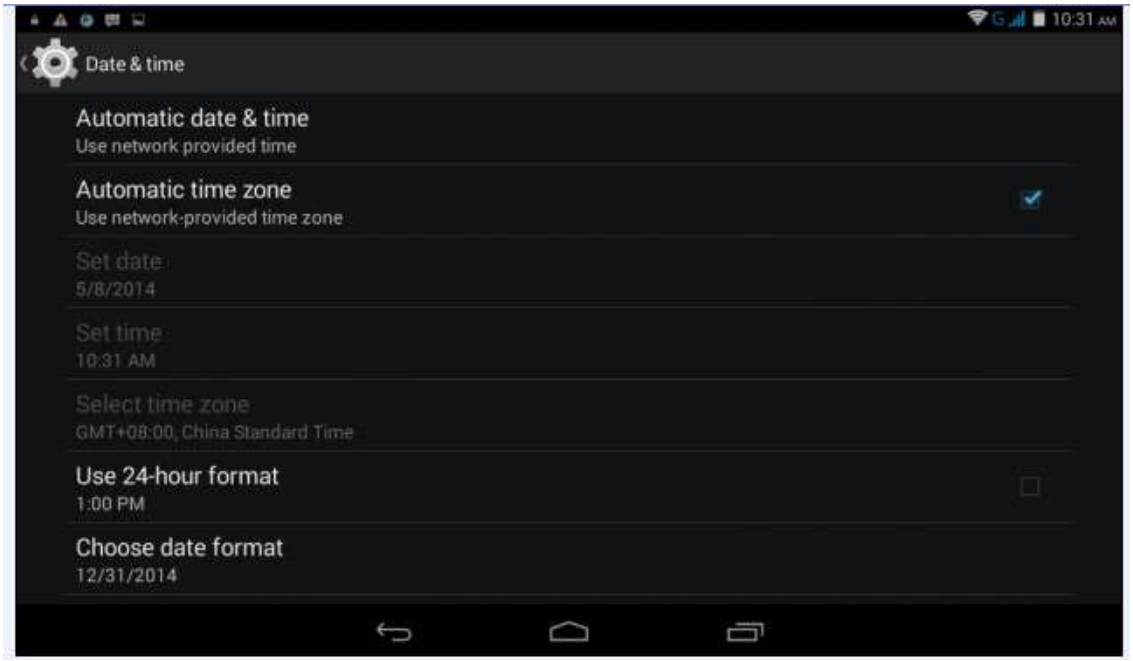
5. Click Select time zone, and then choose time zone in the list. Scroll down the screen you can check more time zones.

6. Click set date and tap up and down button to select Day, Month and Year, then tap “set” to finish the setting.

7. Tap set time, and tap up and down button to select hours , minutes, choose AM and PM to set morning or afternoon(it will not support 24-hour format), and then tap “set” to finish the setting.

8. Click Use 24-hour format, you can shift between 12-hour and 24-hour format. And the time format will applied in the alarm clock.

9. Click choose date format and choose the date format which will show in your MID.

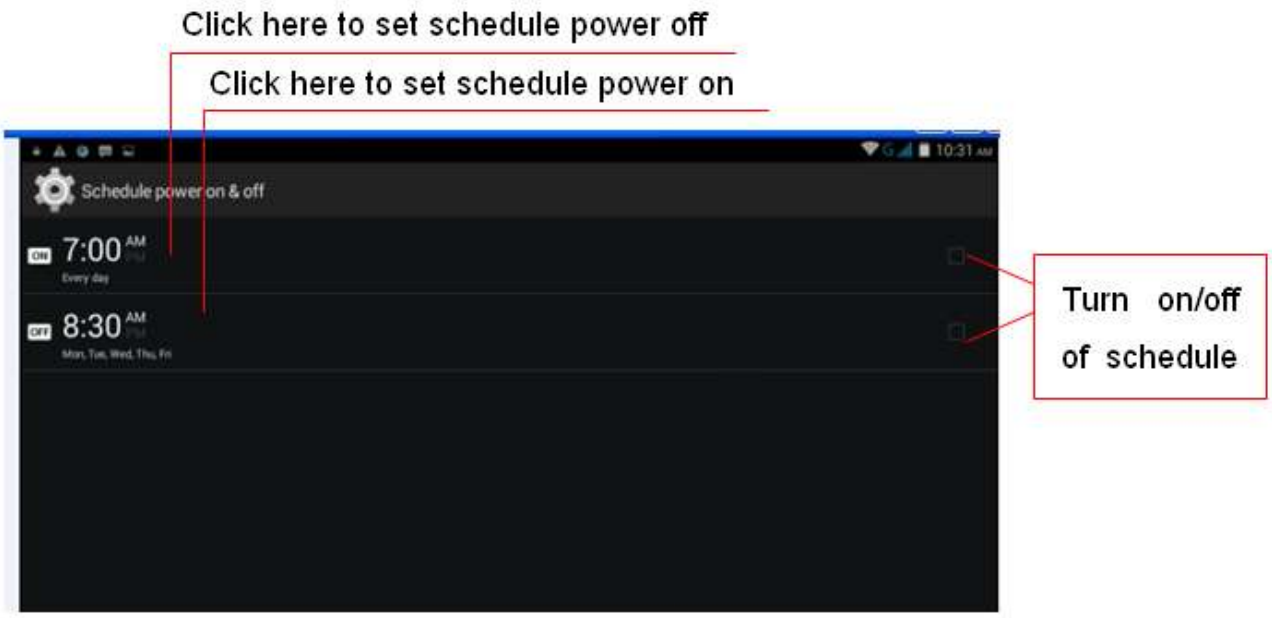


pic.4.57

Notes: If you use the time which network provided automatically, you are unable to set the date and time zone?

4.16 Scheduled power on off

Tap settings→Scheduled power on & off, see as below picture 4.58;



pic.4.58

4.17 Accessibility

4.17-1. large text

Click *Large text* can make the system font become larger

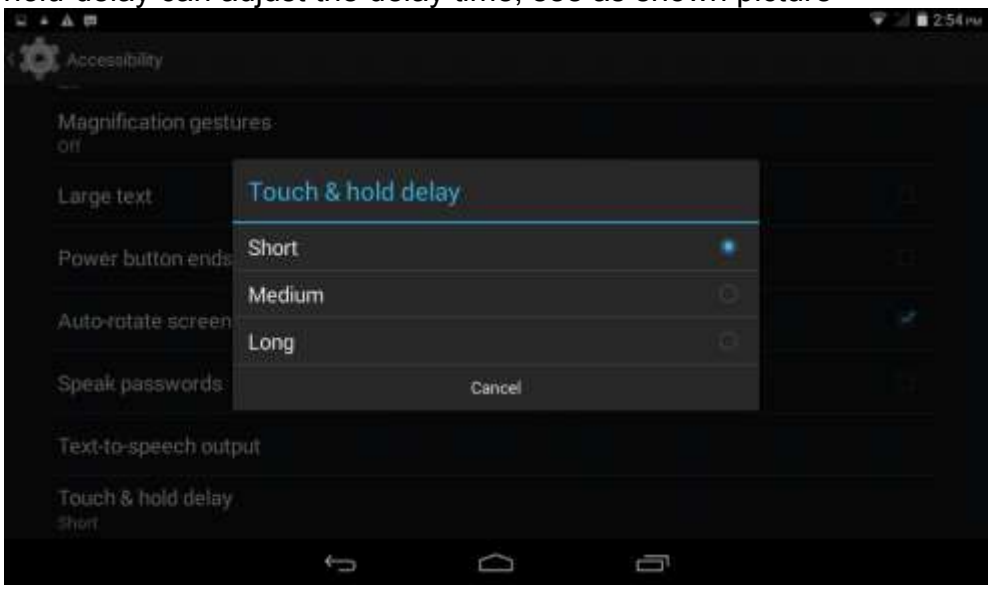
4.17-2. Press Power button to end call

With this function, when you make a call and press “power” button, you phone call will

automatically hang up but will not turn to sleep

4.17-3. Touch & hold delay

Click *Touch & hold* delay can adjust the delay time, see as shown picture



pic.4.59

4.17-4. Install web scripts

When you open it system will allow you install web scripts, but it will increase the security risk when you browser website.

4.18 Developer options

4.18-1 USB Debugging

Once you open USB debugging, it can read the MID with some software. But when it opened the USB storage need to manually bring up before us.

4.18-2 stays awake

When you open stay awake, MID screen will never sleep while charging.

4.18-3 Cursor position

When you open Cursor position, you can read the touching point operation's transverse and longitudinal axis coordinates of your MID

4.18-4 Display touching operation

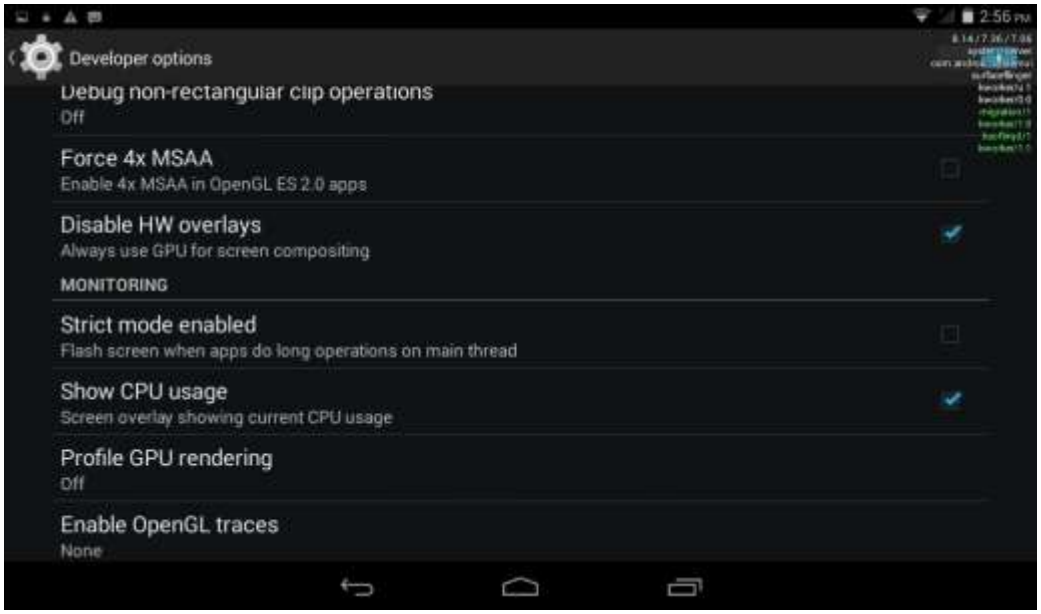
When you open display touching operation, it will display your touching area of MID. And it will more accurate and clear when used with cursor position

4.18-5 Display update

When display updates, it will flash in the corresponding place.

4.18-6 Display CPU usage

After opening display CPU usage, upper right corner of MID will display the CPU usage,



pic.4.60

4.19 About MID

MID status

1Enter the settings application

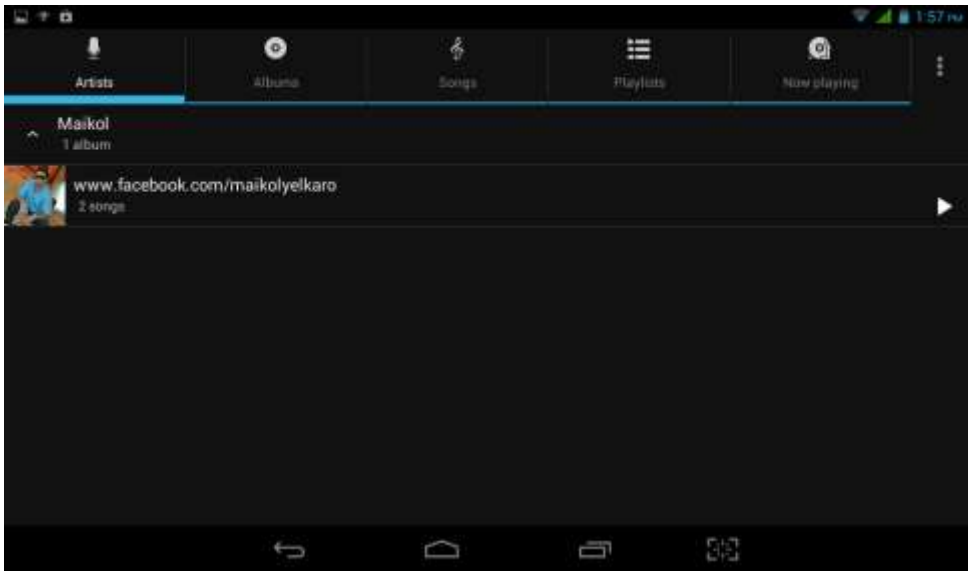
2 Click *About MID*. Can view the status information, model No., Android version, version no. and other information.

3 Click “status information”, Can view the battery status, battery, SIM status, IMEI No., IP address, etc.

5. Multimedia

5.1 Music Player

In the application menu or on the desktop, click the icon to enter into the Music Player interface, select a different way to find songs



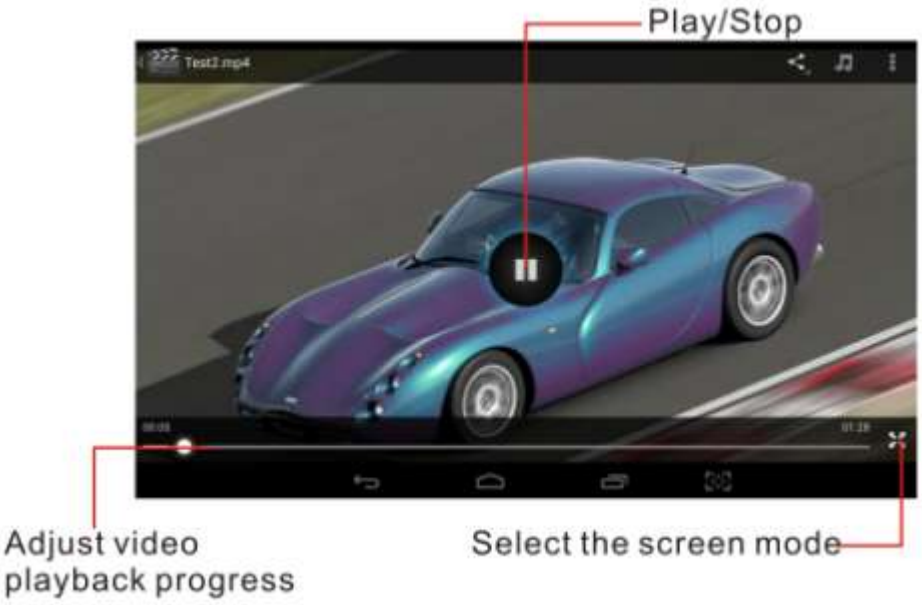
pic.5.1

pic.5.2

Drag the playback progress bar to adjust audio playback progress
Music player button operation is shown in pic 5.2

5.2 Video

In the application menu or on the desktop, tap the icon to enter into the video player interface.
Video player buttons described in pic 5.3



pic.5.3

5.3 Gallery

Gallery application can automatically search for photos from the Micro SD card and video files, And Gallery folder will classify these pictures and video files, You can use the Gallery application to check and edit photos, check the photos and set it as a desktop picture

Check Photos

1 In the application menu or on the desktop, tap the Gallery application

2 Enter the gallery, tap the folder to check the included pictures

3 Tap the picture you want to view, the system will automatically view in full screen mode.

4 Photos can zoom in or zoom out by separate or fold two fingers. Double clicks can make it too.

Tips: When browse pictures, you can swipe left or right picture to switch picture Browse

Edit and set picture

View images in full screen mode, press the Menu button to display the menu options, you can select the options you want to edit and set the picture.

slideshow

1 Open a picture, click the menu button using the virtual keys to display the menu options

2 Tap the slideshow, it will automatically loop (or tap the icon in image folder)

Crop

1 Click on the menu button to display the menu options

2 Then tap Corp, drag the relevant regional election to adjust the cutter

3 Tap cutter, drag from center to outside to adjust the crop size.

4 Adjust the size you want, tap Crop

5 As abandon cropping, click Cancel to return to picture overview

Edit

1 Click on the menu button to display the menu options

2 Tap Edit

3 In the pop-up options can be brightness, style, color, effect settings

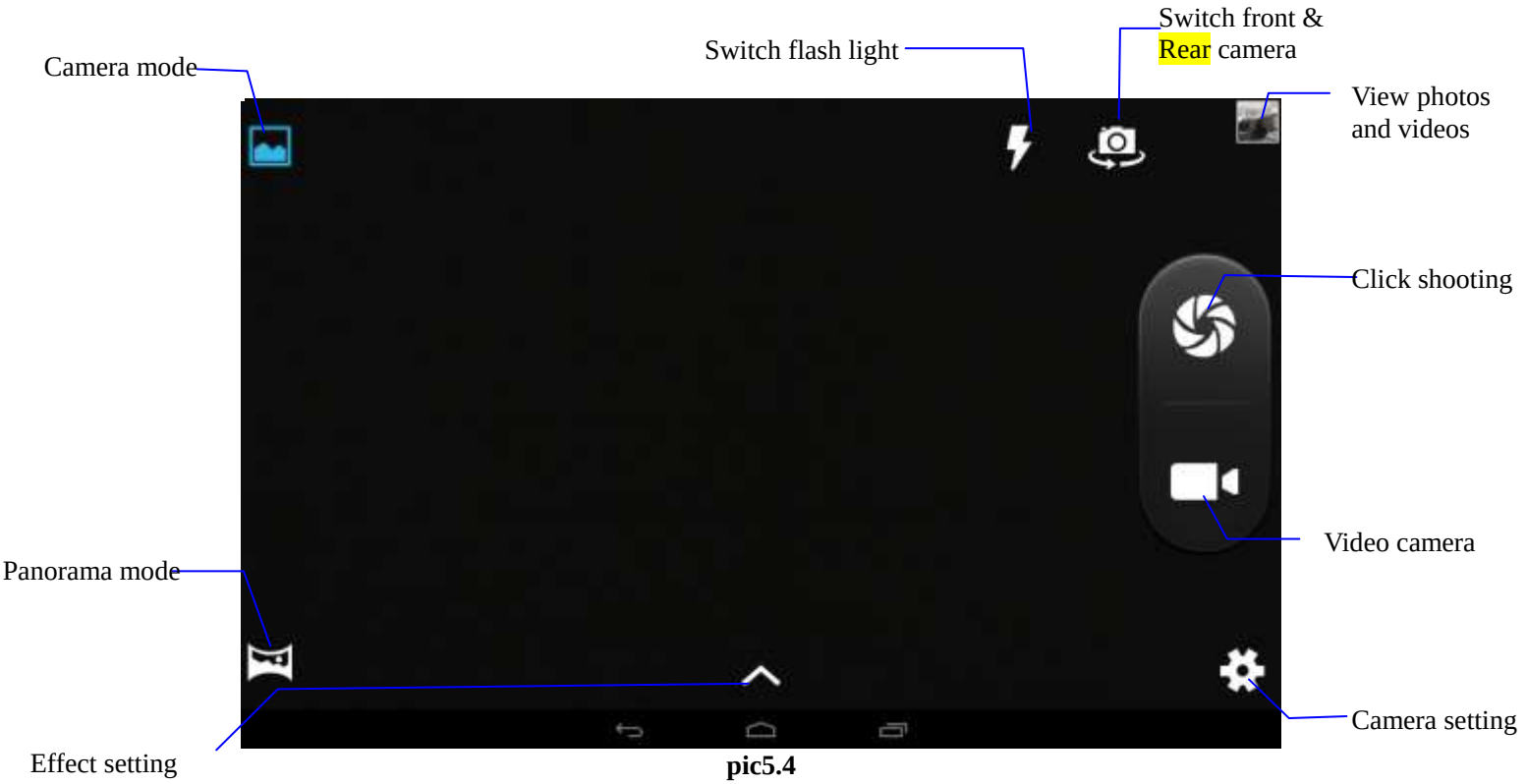
4 Click Save

5 As abandon editing, click the Back key, in the pop-up dialog box, click NO back to picture browsing

5.4 Camera

In the application menu or on the desktop, tap the icon to enter into the Camera interface

Camera operation button and Switching camera as shown in pic 5.4 and pic 5.5

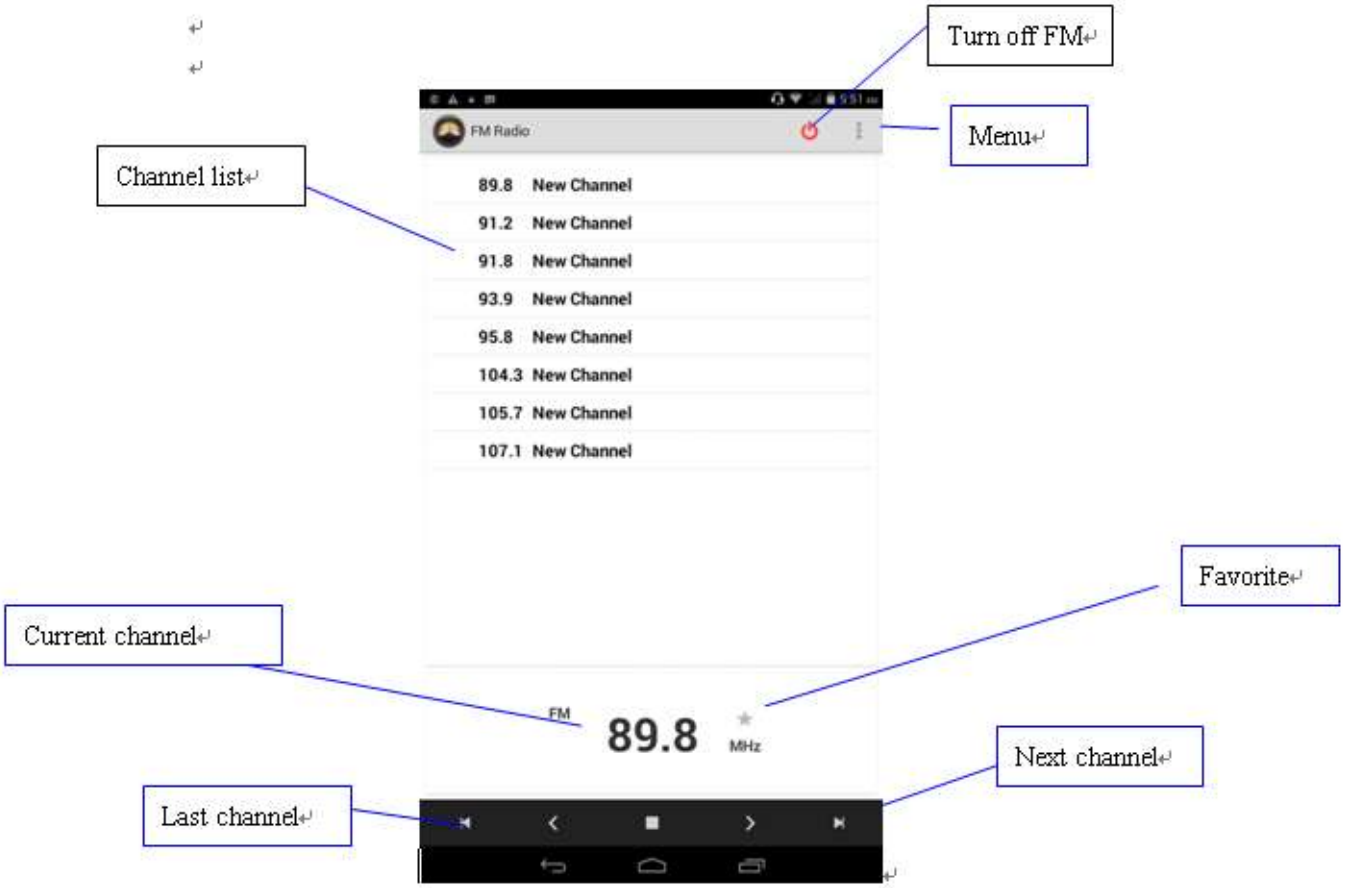


pic5.4

Pic5.5

5.5 FM Radio (Optional functions)

In the application menu or on the desktop, tap the icon to enter into the FM Radio interface
Connect Headphones
Select the top right corner button pic 5.6



pic.5.6

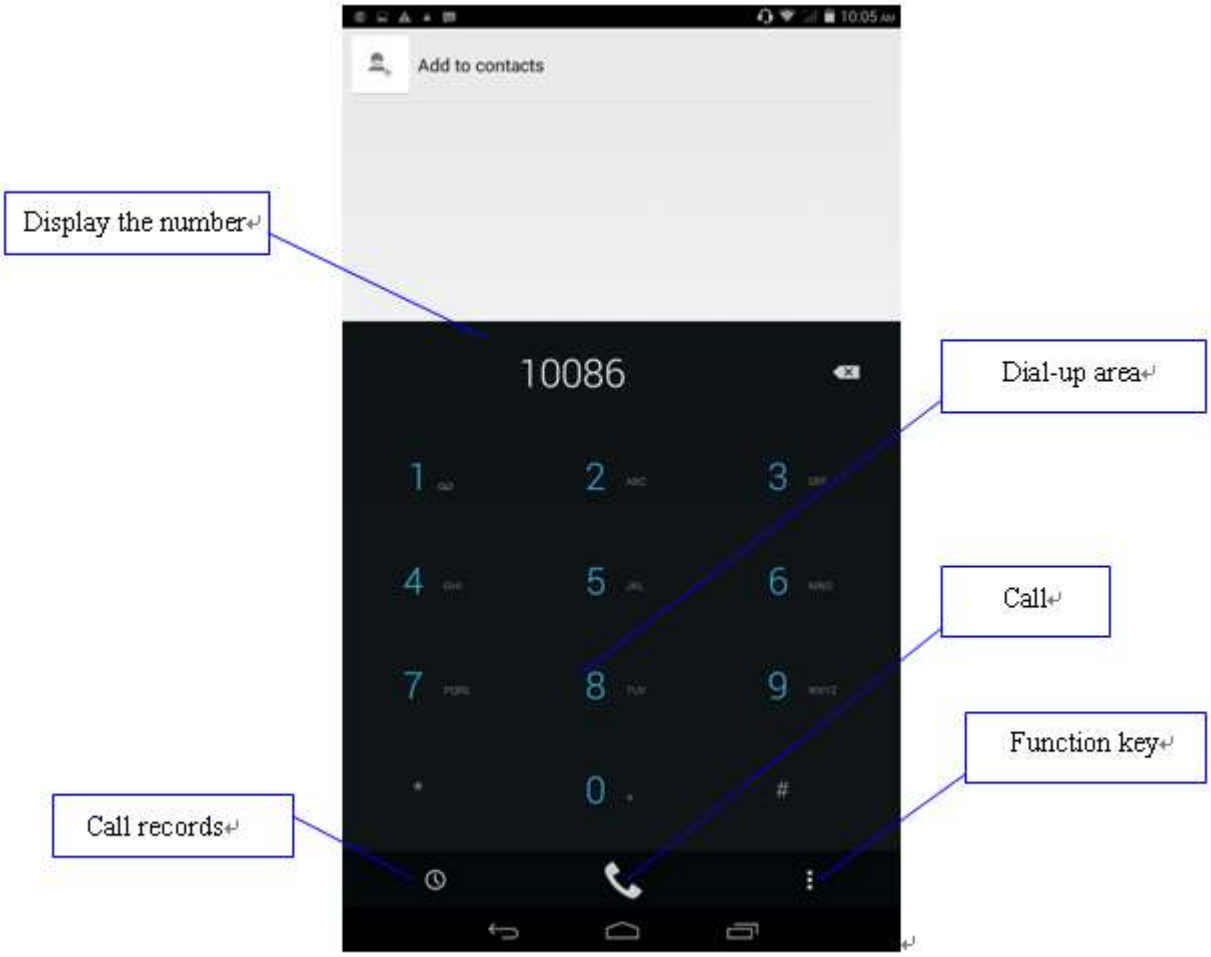
Select the search, Then FM band can be found in

pic.5.7

Favorites: Click the button on the main interface to add to Favorites
Note: Using FM Radio plug in your headphones as an antenna
If no antenna, you will not be able to search the MID band radio

6 Communication function

6.1 Phone

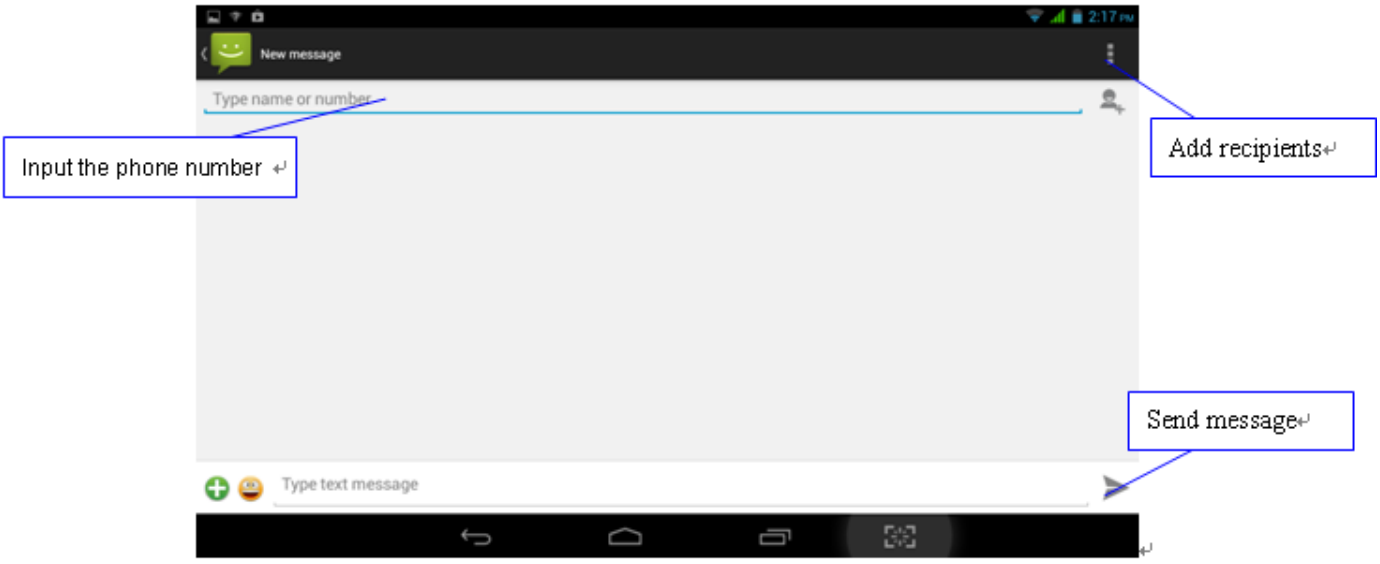


pic.6.1

6.2 SMS

6.2.1 In the application menu or on the desktop, tap the icon to enter into the SMS interface

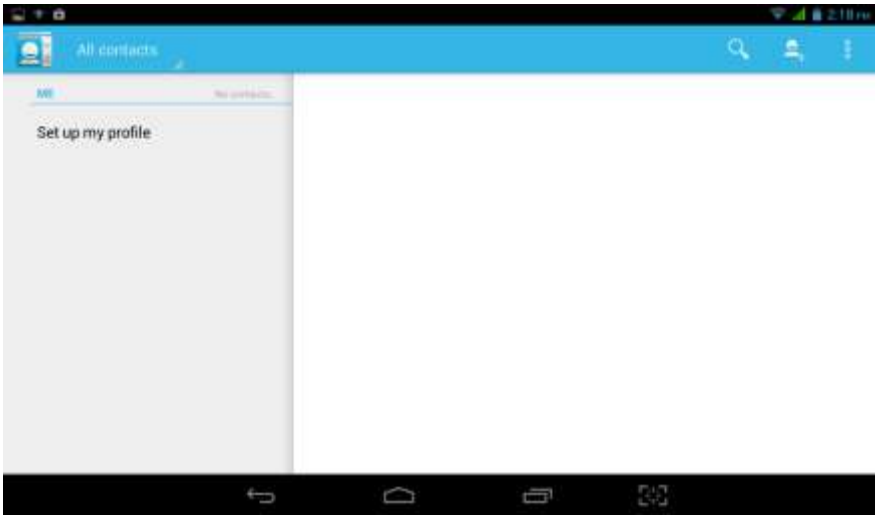
6.2.2 Select edit new message



pic.6.2

6.3 Contacts

In the application menu or on the desktop, tap the icon to enter into the Contacts interface



pic.6.3

Search for contacts: Click the button to enter into the search function

Add contacts: Click the button to enter into the Add contact interface

7 Internet

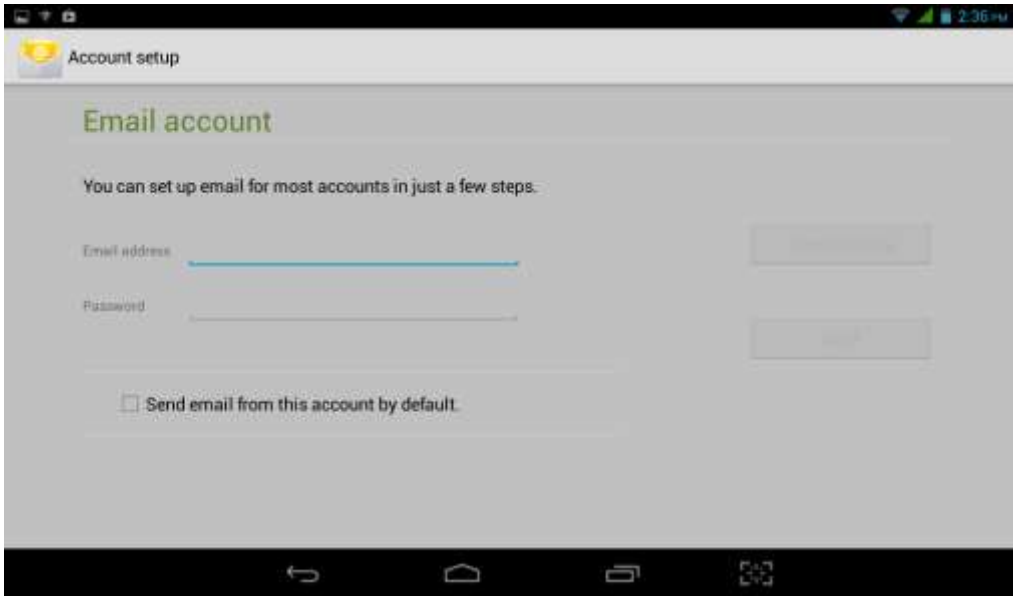
7.1 Browser

When Wi-Fi or net work is well connected, click to input IP address and can surf internet. As pic 8.1

Pic 8.1

7.2 E-mail

Email application with e-mail setup wizard, can add common Web e-mail service provider (Such as Yahoo, Gmail and 163 other provider) external POP3 or IMAP e-mail account. Figure 8.2



Pic 8.2

A E-mail settings

1 After clicking the icon , E-mail setup wizard will appear to help you set up

2 Input your email address and password for the email account

3 Click the *Next Step* button to check the mail server is available transceivers

4 Input the account name and email name, then tap *Done*

5 If the mailbox is available, will automatically enter your inbox

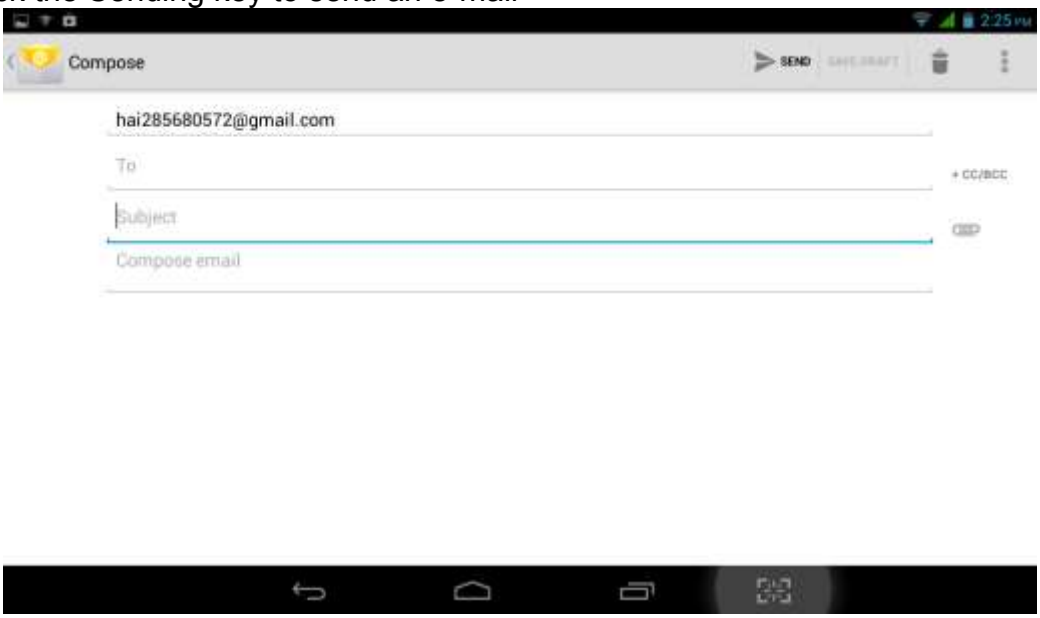
B Delete mail account

You can delete the set up POP3 or IMAP email account from your MID

1 taps the icon
2 Enter into your inbox
3 Click the Menu key
4 Tap the Settings
5 Right down select Delete Account
6 Click *OK* to remove

C Send E-mail message

1 Tap to display your inbox
2 Click the e-mail inbox will automatically refresh, click to read
3 Click the Menu key to pop up the menu
4 Tap the top right corner ; enter into edit new mail interface
5 input the recipient's e-mail address
6 Input a subject and message content
7 Click Add Attachment
8 Select the attachment you want to send (such as pictures, video, etc.)
9 Click the Sending key to send an e-mail



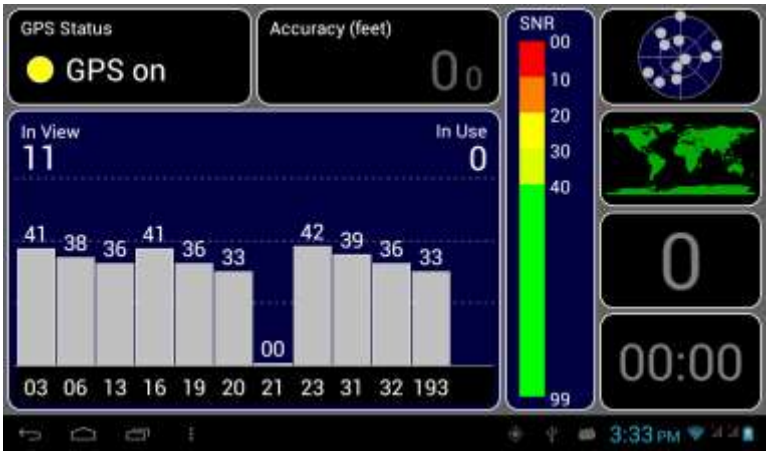
Pic 8.3

8 GPS function (optional feature)

8.1 GPS positioning

1 MID built-in GPS precise positioning satellite signal receiver. But available map is provided by third party.

2 Enter into the setting interface, click on the icon , enter in pic 8.1



Pic 8.1

After successfully positioned, blue part will be transformed into green. And display the latitude, longitude and altitude, speed, position location time. pic 8.2.Satellite value represent positioning signal of the intensity, Positioning time associated with the choice of setting time zone range. If time does not match with positioning location time, please check your time zone selection is correct

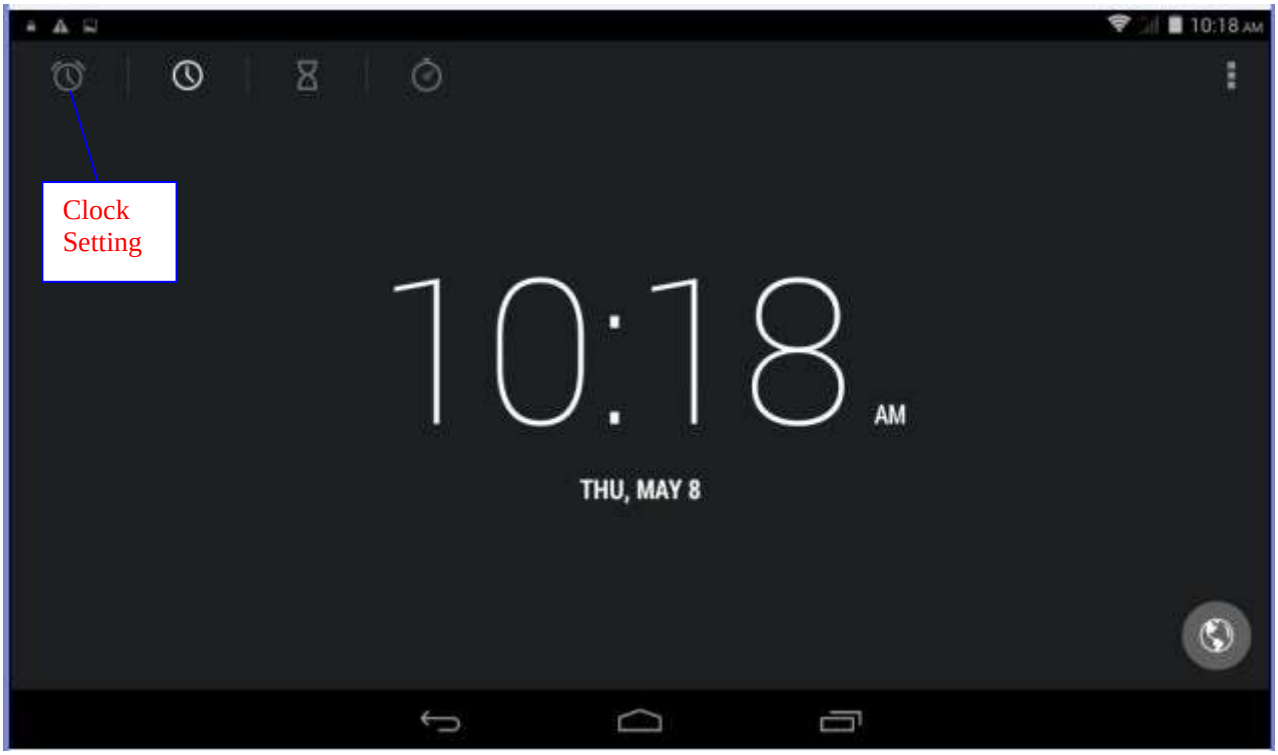
Pic8.2

9 Other Applications

9.1 Clock

In the application menu or on the desktop, tap the icon *Clock* to enter into the Clock interface, Figure 9.1

Click the *alarm settings*, alarm clock can be set



pic 9.1

9.2 Calculator

1 Tap on the icon

2 Enter The calculator basic panel

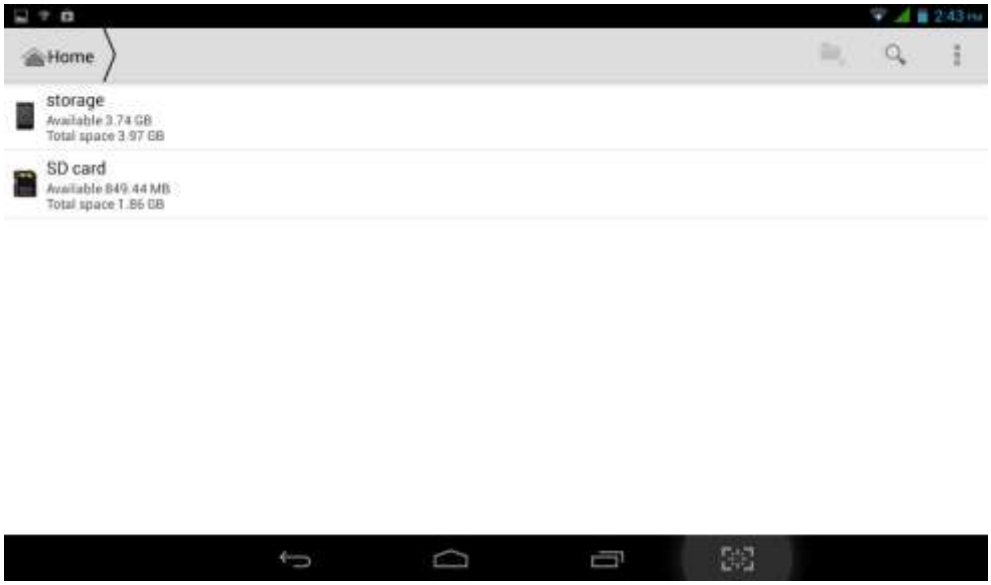
3 Touch counter number on the panel or operator to calculate

pic 9.2

9.3 Explorer

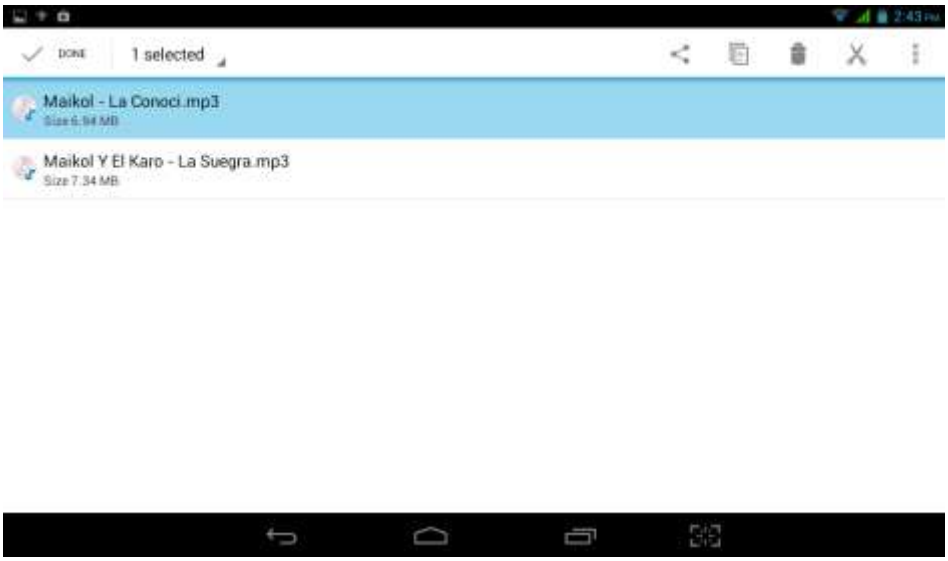
Explorer with the TF card files or folders to copy, cut, delete, rename and other operations can also share the file, install apk and other functions

In the application menu or on the desktop, tap the icon to enter into the Explorer interface, Figure 9.3



Pic9.3

A. Some operations, such as copy, cut, delete, rename, etc. Select a folder or file, long press a folder or file to enter into Figure 9.4 Interface.

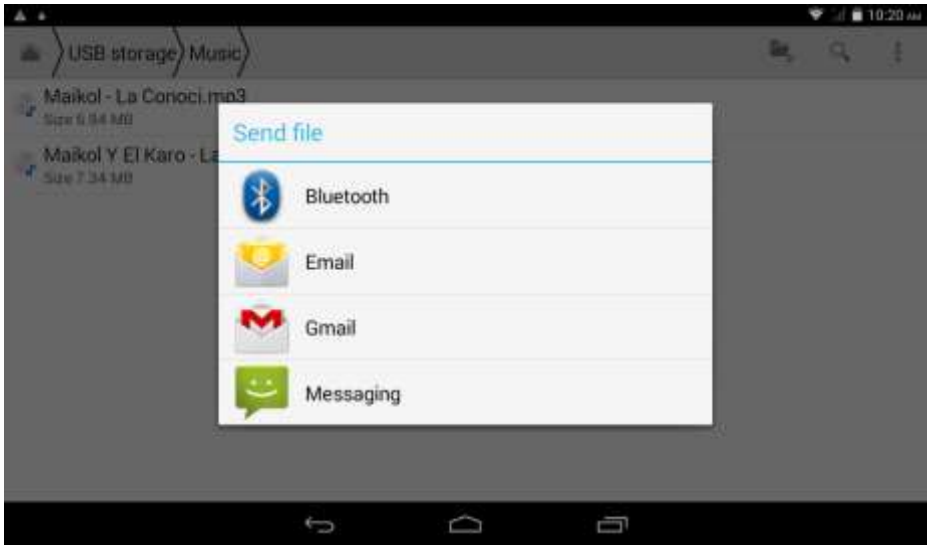


pic 9.4

B. Paste the copied or cut file or folder: on the directory you want to paste, you can select the icon in the upper right corner to paste

Pic9.5

C .Share the file: Select a file and long press this file, In the top click on " " In the pop-up list, select "Share" item. According to the pop-up list to select the way you want to share



Pic 9.6

D. Install apk file: select the suffix. Apk file on the Explorer, pop up the installation program, follow the prompts to install third-party software

E. Create new folder: Select the folder you want to create the directory, Click the right button , select the Create New Folder, Follow the prompts to complete the Create New Folder

9.4 Recorder

In the application menu or on the desktop, tap the icon to enter into the Recorder interface, Click the Record button to start recording, click the Stop button to stop recording. Just click the play button to play the recording, the system automatically prompts to use this recording or to give up, please manually select.
Play recordings: Select to use audio player audio, in accordance with the Explorer select the audio files, and click to play

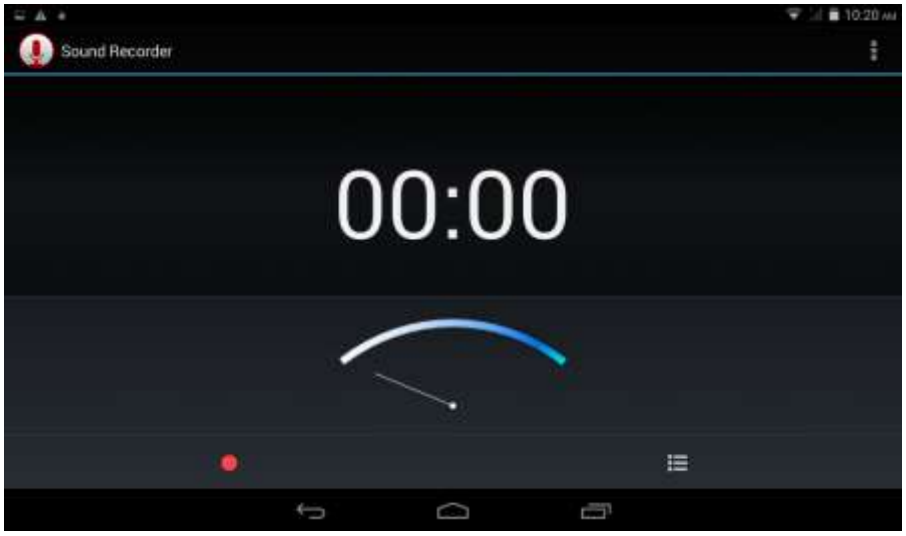


Figure9.7

10 Application Installation

10.1 Installation

Install third-party applications

1 Tap on *"Explorer"* application, select the application you want to install

2 Press and hold the application you need to install

3 Pop-up installation options, click *Install apk*

4 Follow the installation wizard to complete then can be run.

Note: Applications only with APK suffix are compatible with system.

10.2 Uninstall

Uninstall application

1 On the Home screen, tap *Settings* bitmap

2 Tap the *application* that lists all the applications installed on the system list of programs

3 Tap the APK you want to uninstall, click *Uninstall*

4 Click *OK* to complete the uninstall

Tips: system pre-installed program manager can easily achieve uninstall, Open the Program Manager, click on Uninstall tab, the system will list the installed application list

11 Troubleshooting

1. The first time boot slowly

After upgrading MID system, it takes about 2-3 minutes to install the pre-installed application software on startup time, then it will power on quickly.

2. Device can not connect to Wi-Fi

1) Ensure the wireless network is working by testing it using another wireless device.
2) Ensure the device and the wireless router is within the range of the wireless network to be connected too. Walls or other obstructions will reduce the possible distances between wireless devices.
3) Ensure the security password being used is correct.

3. Heat Issues

When running multiple applications, using the screen on its brightest setting, or when being charged, this device can get quite hot. This is normal and should not cause any inconvenience when in use.

4. Cannot set E-mail Account or registration application

1) Ensure that the tablet is connected to a Wi-Fi network and can connect to the Internet.
2) Ensure your E-mail settings have been entered correctly for the account being accessed.
3) Make sure your system time and local time is correct.

5. System has anomalies and doesn’t work correctly

Installing some third-party applications may cause the system to operate incorrectly. Press the RESET button and perform a system reset to resolve this issue.

6. Can not open website

1. Please keep the routing and MID in a effective distance
2. Please reboot wifi and try it again.

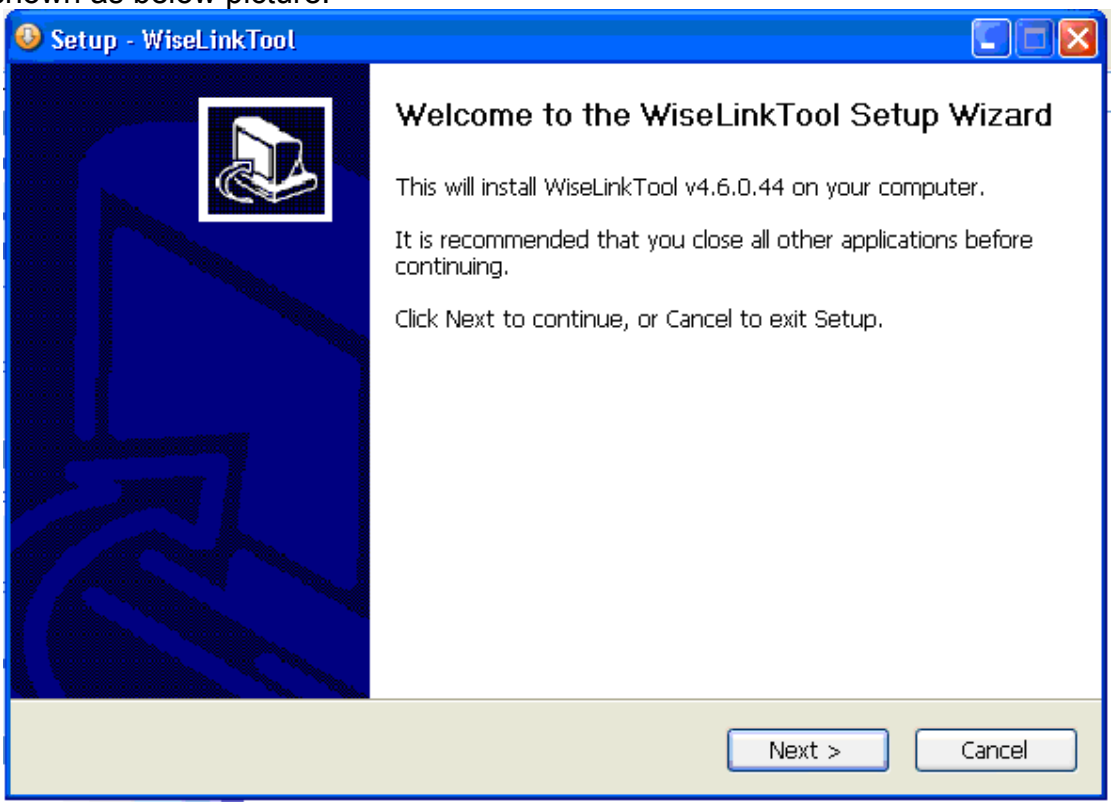
7. MID run slowly sometimes

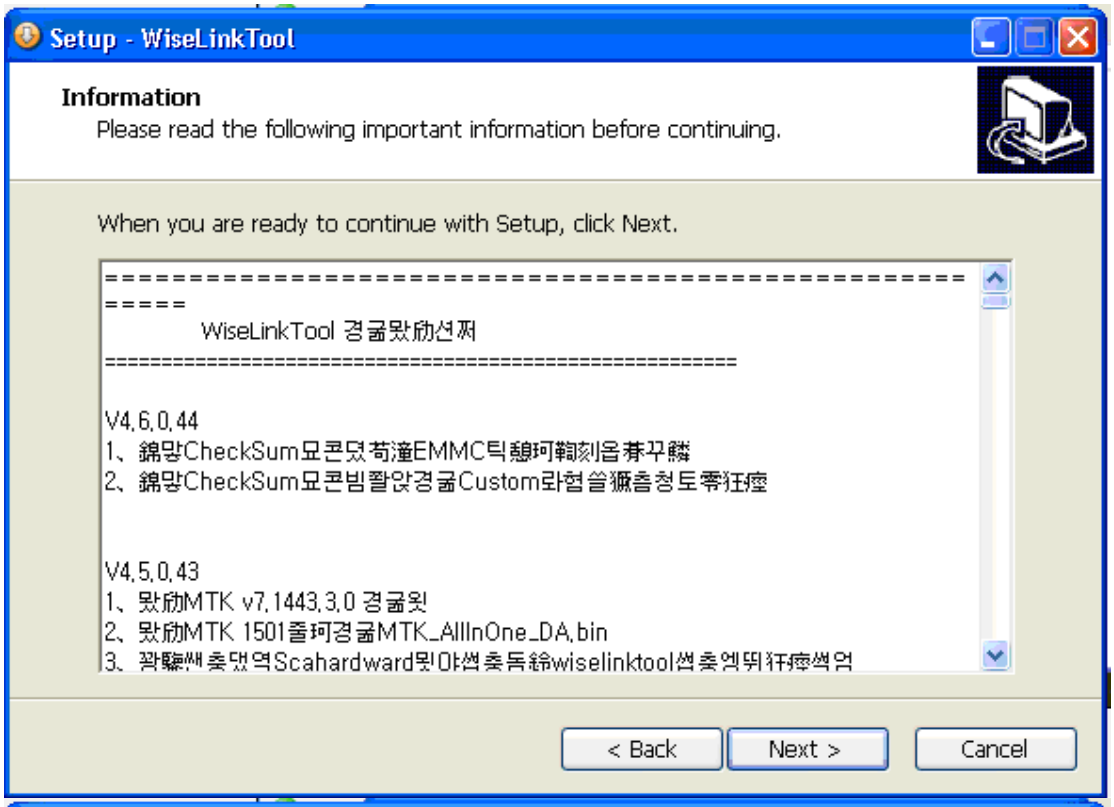
This is normal. Please close some temporarily not using application, and unload some third-party applications on the high-level task management to release more system resources.

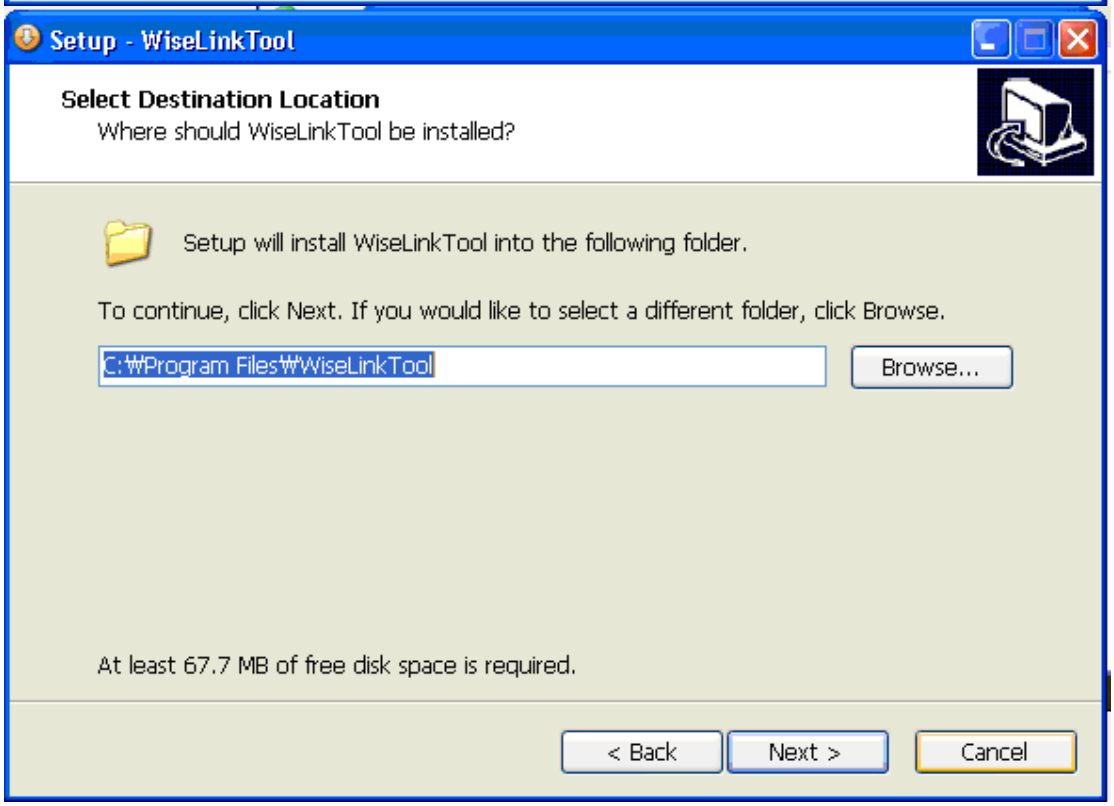
12 Firmware upgrade

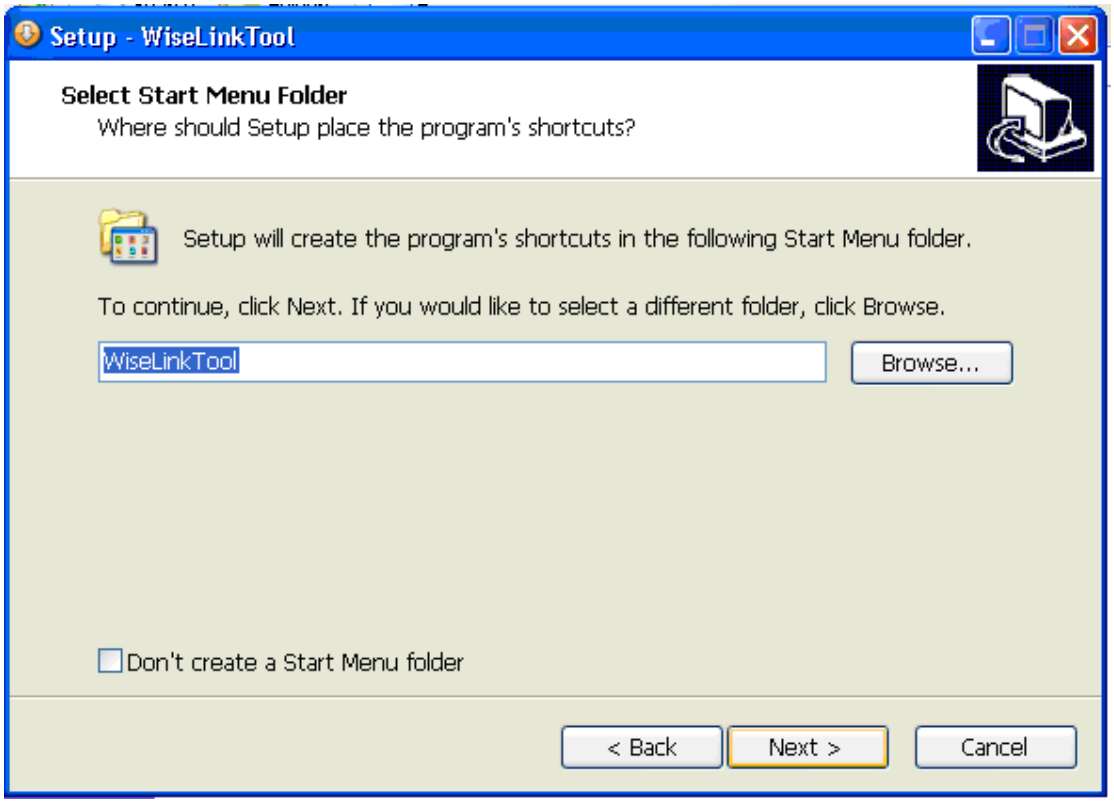
1. Press the “POWER button to turn off the device before updating (NOTE: Press and hold the “POWER button for at least 10 seconds if the device can not be turned on normally). Insert the Driver CD and copy the file named “MTK Android Upgrade Tool” to your computer desktop (NOTE: The device can not be updated directly from CD).

Open file “MTK Android Upgrade Tool” and double click “WiseLinkTool_v4.6.0.44.exe”,then click “next”, shown as below picture.

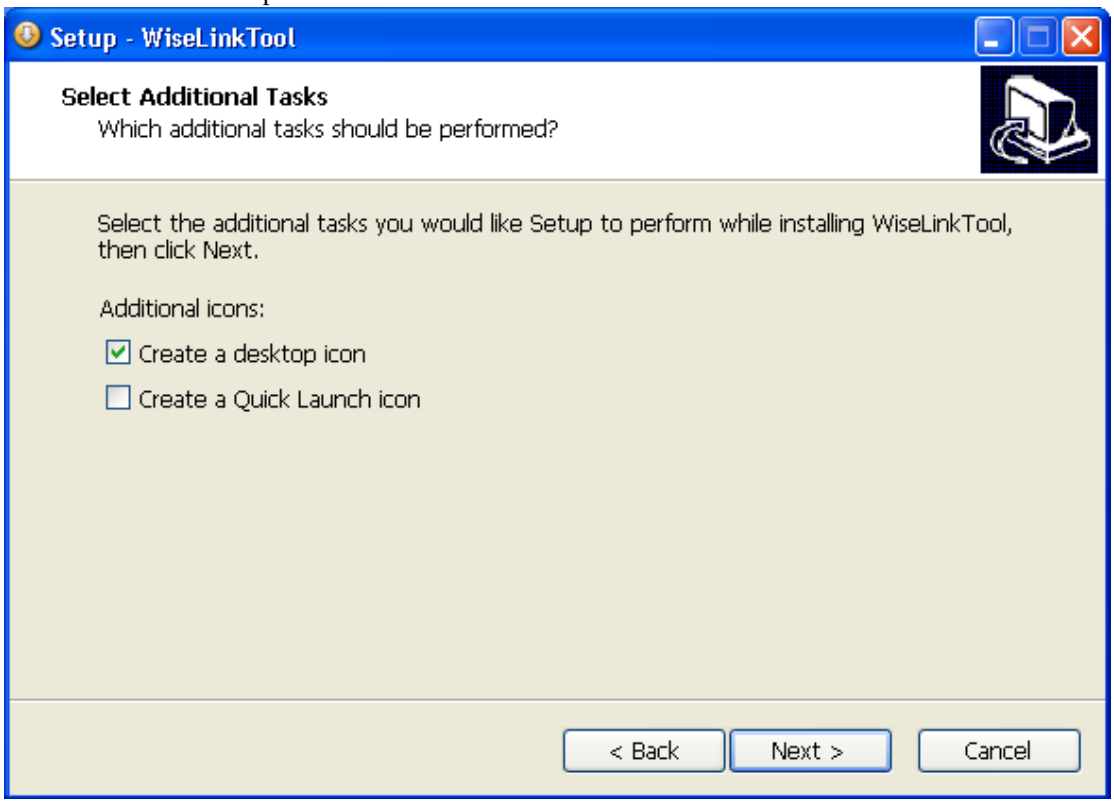


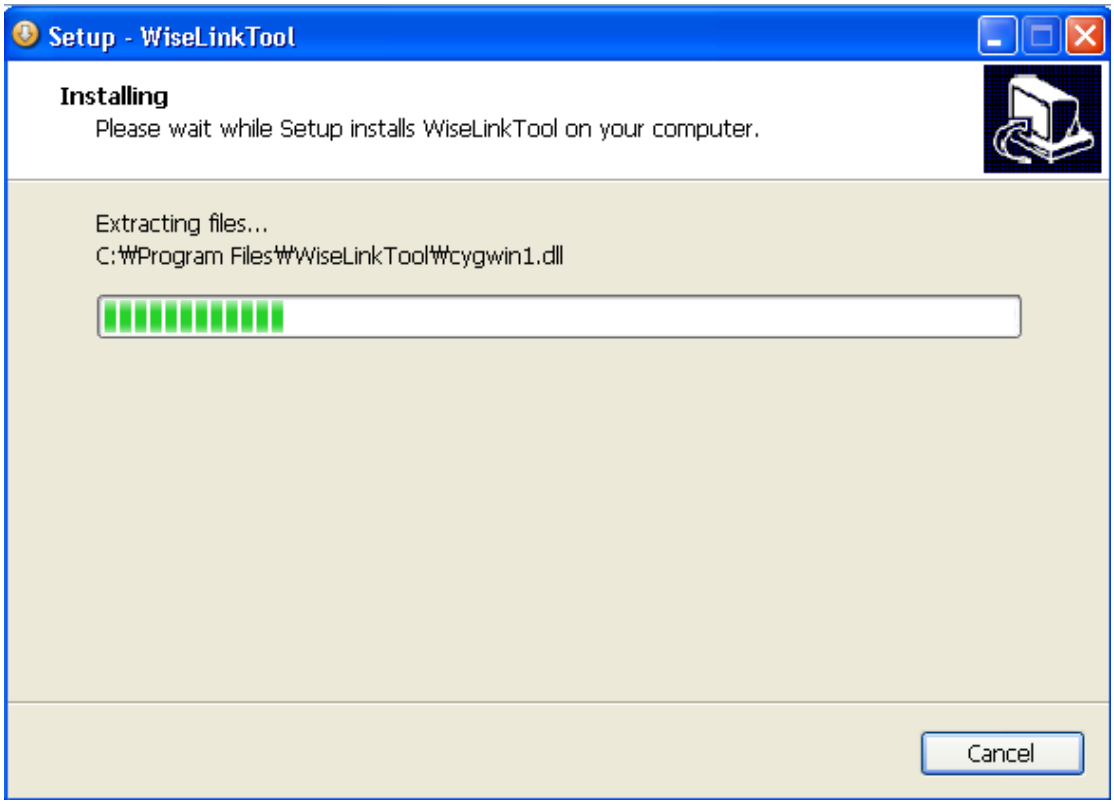

Setup - WiseLinkTool
Information
Please read the following important information before continuing.
When you are ready to continue with Setup, click Next.
WiseLinkTool 경굶뫘励션쩌
V4.6.0.44
1、錦맣CheckSum묘콘뎠苟潼EMMC틱憩珂鞠刻옵肴꾸麟
2、錦맣CheckSum묘콘빔뫏앉경굶Custom롸협쓸獗츰청토零狂痙
V4.5.0.43
1、뫘励MTK v7.1443.3.0 경굶욋
2、뫘励MTK 1501줄珂경굶MTK_AllInOne_DA.bin
< Back
Next >
Cancel

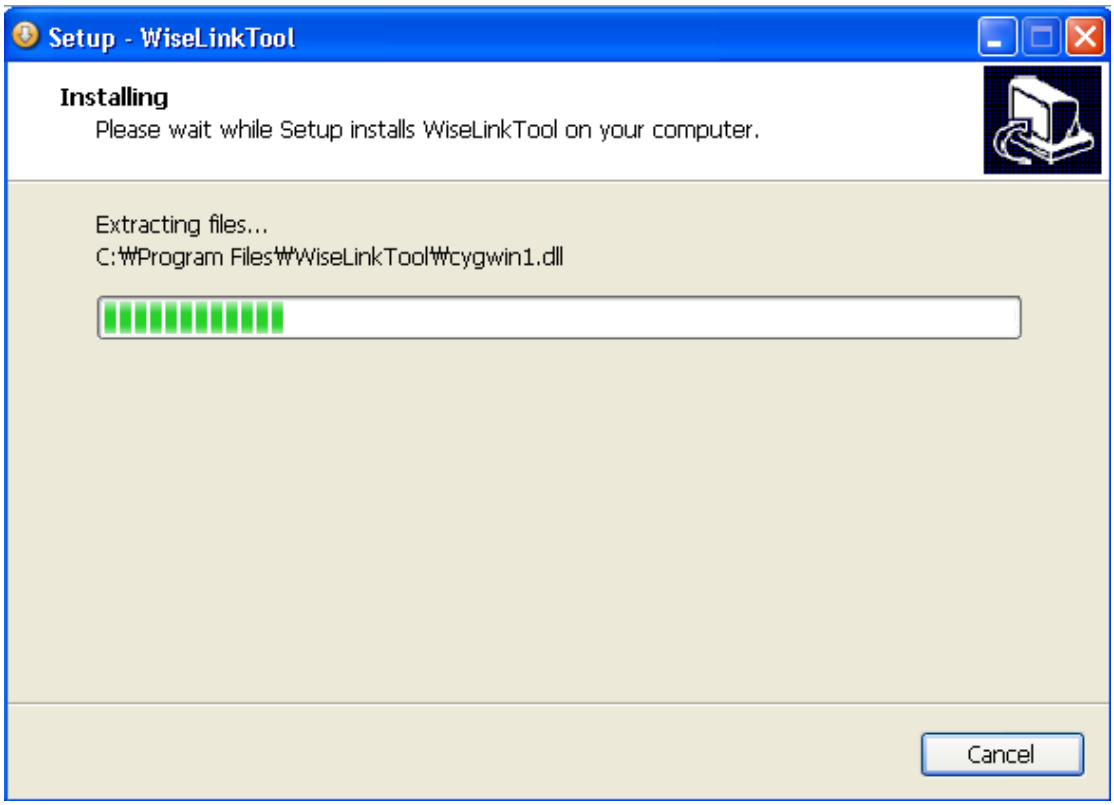

Setup - WiseLinkTool
Select Destination Location
Where should WiseLinkTool be installed?
Setup will install WiseLinkTool into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:₩Program Files₩WiseLinkTool
Browse...
At least 67.7 MB of free disk space is required.
< Back
Next >
Cancel

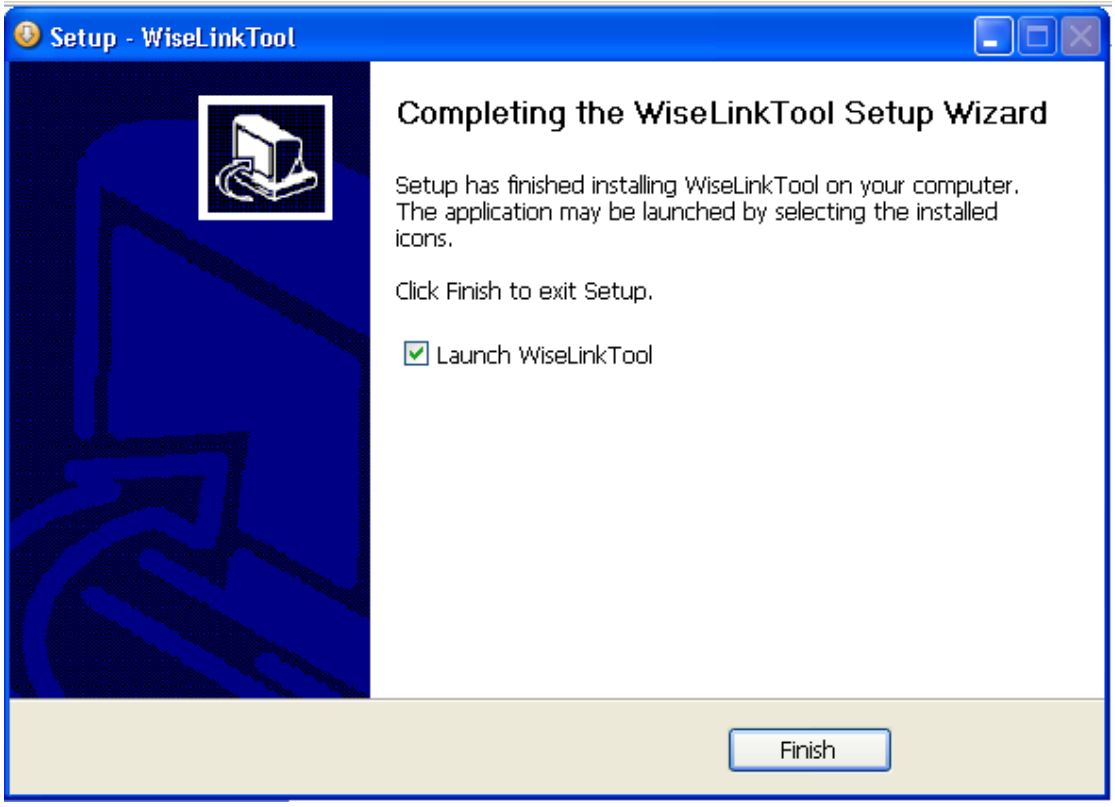


Tick “create a desktop icon

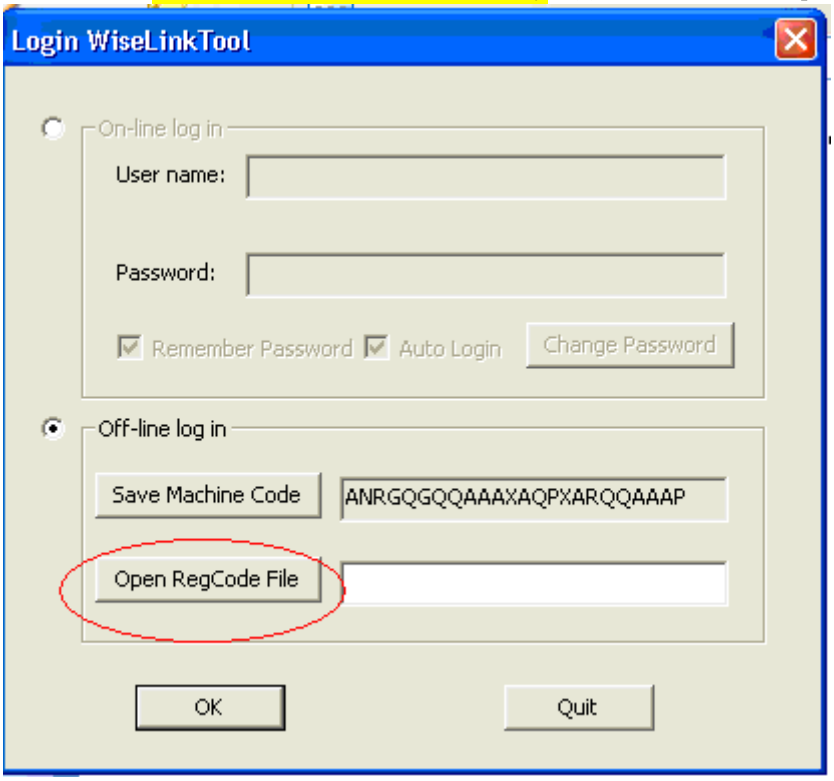


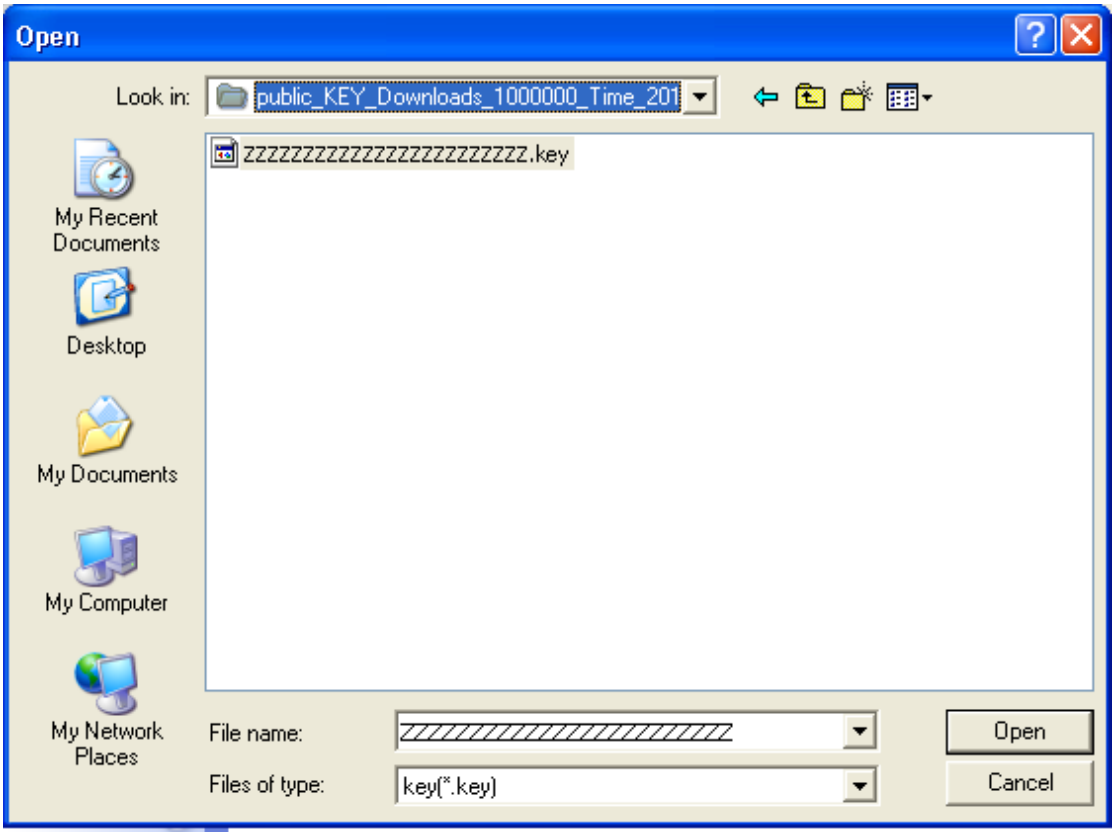

Setup - WiseLinkTool
Installing
Please wait while Setup installs WiseLinkTool on your computer.
Extracting files...
C:₩Program Files₩WiseLinkTool₩cygwin1.dll
Cancel

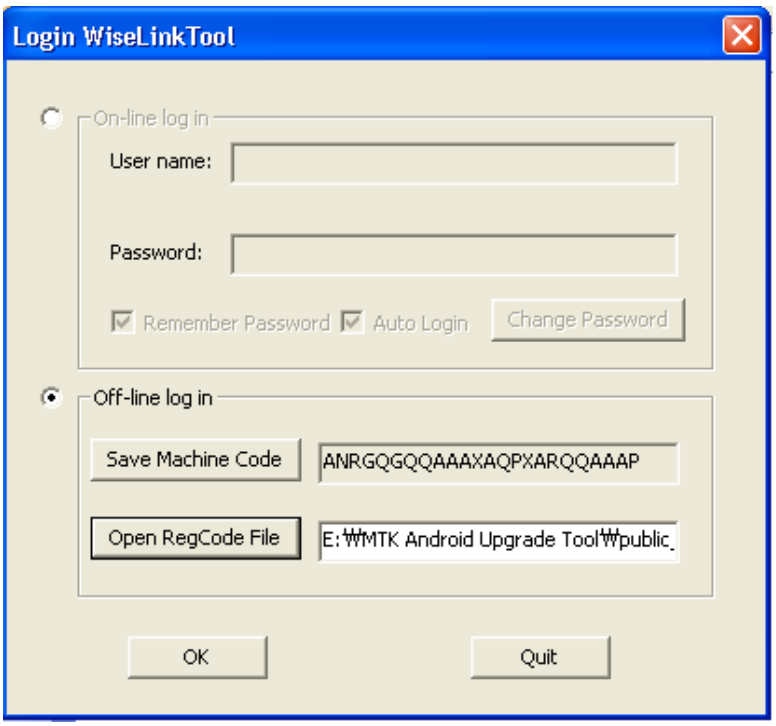

Setup - WiseLinkTool
Installing
Please wait while Setup installs WiseLinkTool on your computer.
Extracting files...
C:₩Program Files₩WiseLinkTool₩cygwin1.dll
Cancel

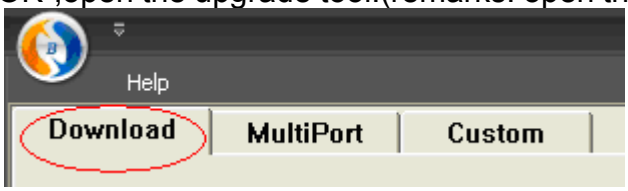


3. After click “finish”, it shows “ Login WiseLinkTool ” , click“ Open RegCode File ” to choose “MTK Android Upgrade Tool” >“public_KEY_Downloads_1000000_Time_20161231 ” > “ZZZZZZZZZZZZZZZZZZZZZZZZZ.key” ,, then click “Open”, shown as below picture:



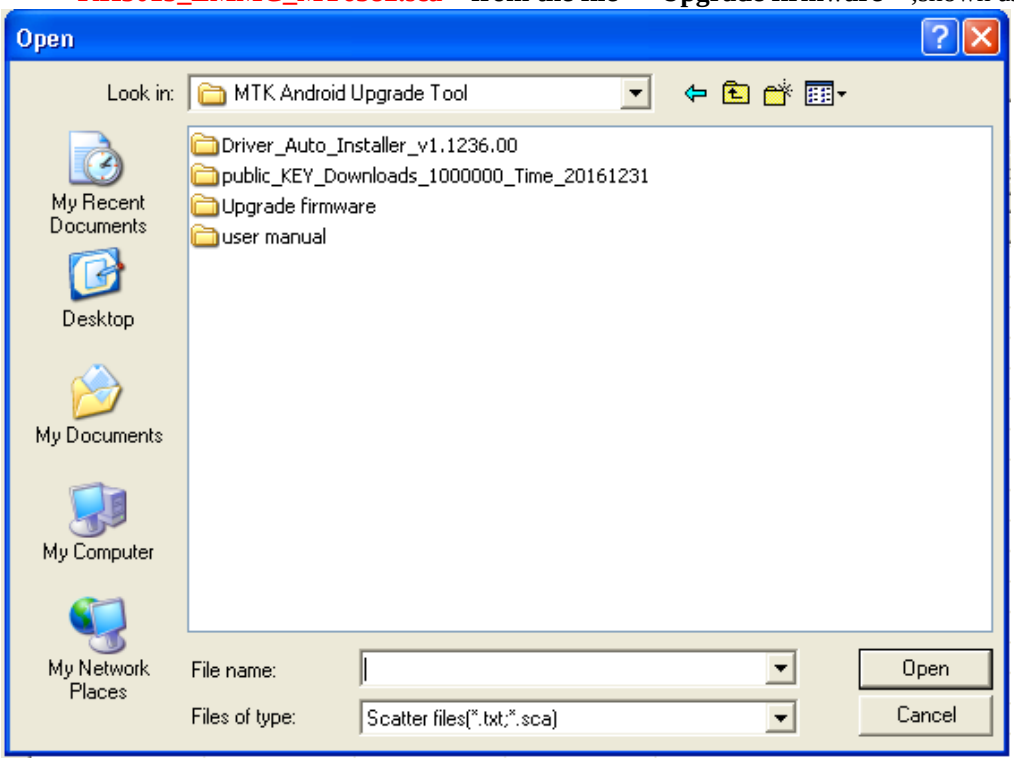


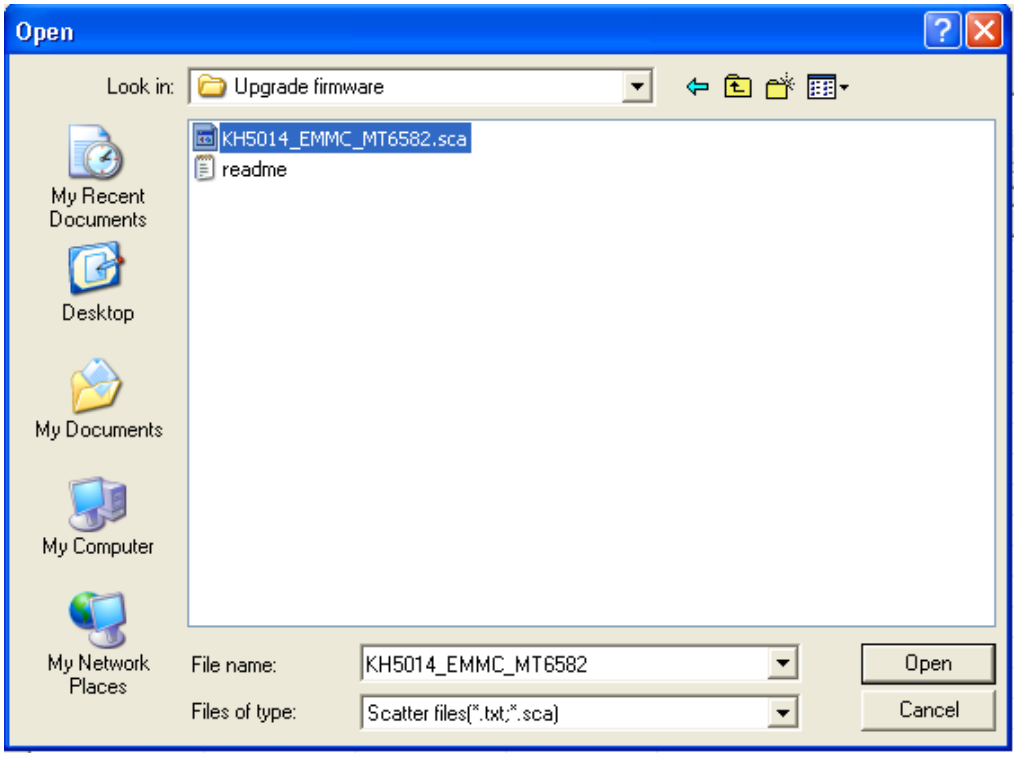


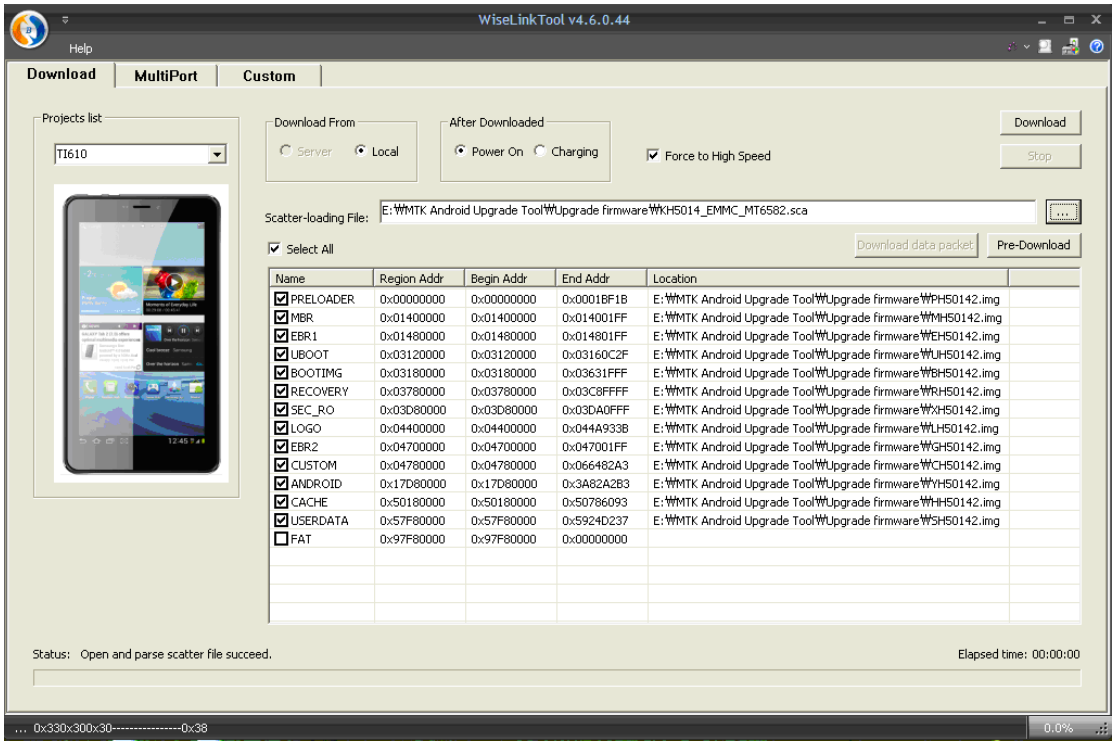
4. Click”OK”,open the upgrade tool.(remarks: open the upgrade tool, it includes 3 items” 

”, please choose “Download”, the default item is “Download”.

5. Other options just choose default one. Click “ ” on the right, double click “**KH5015_EMMC_MT6582.sca**” **from the file** “**Upgrade firmware**”,shown as below:



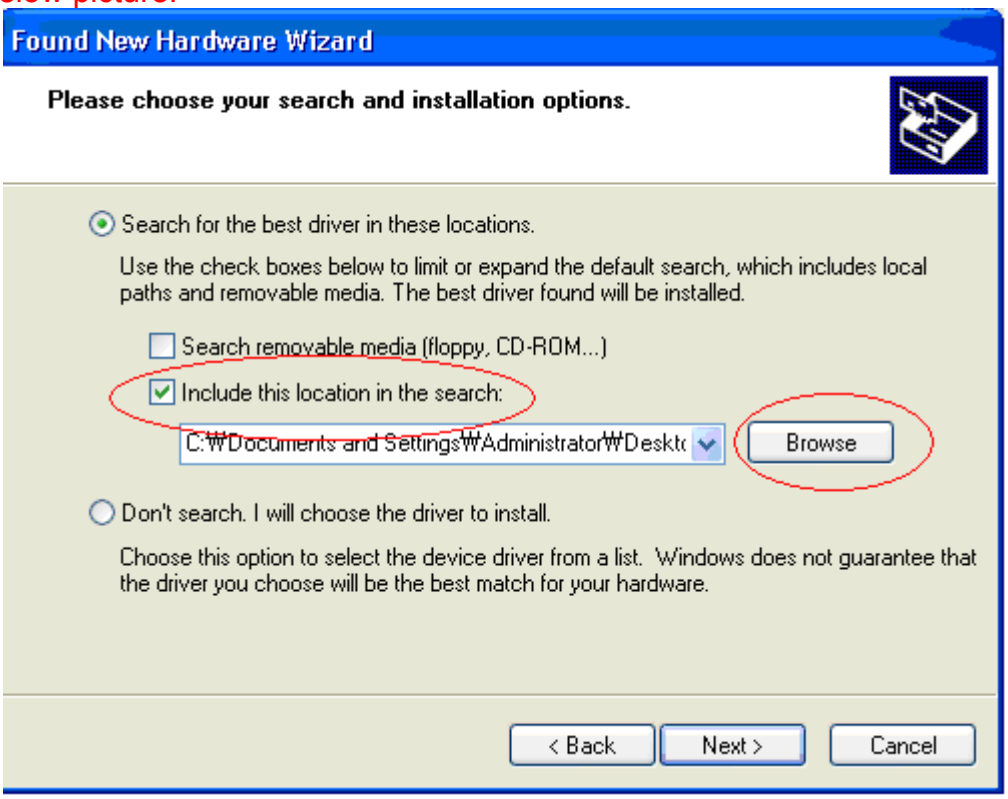


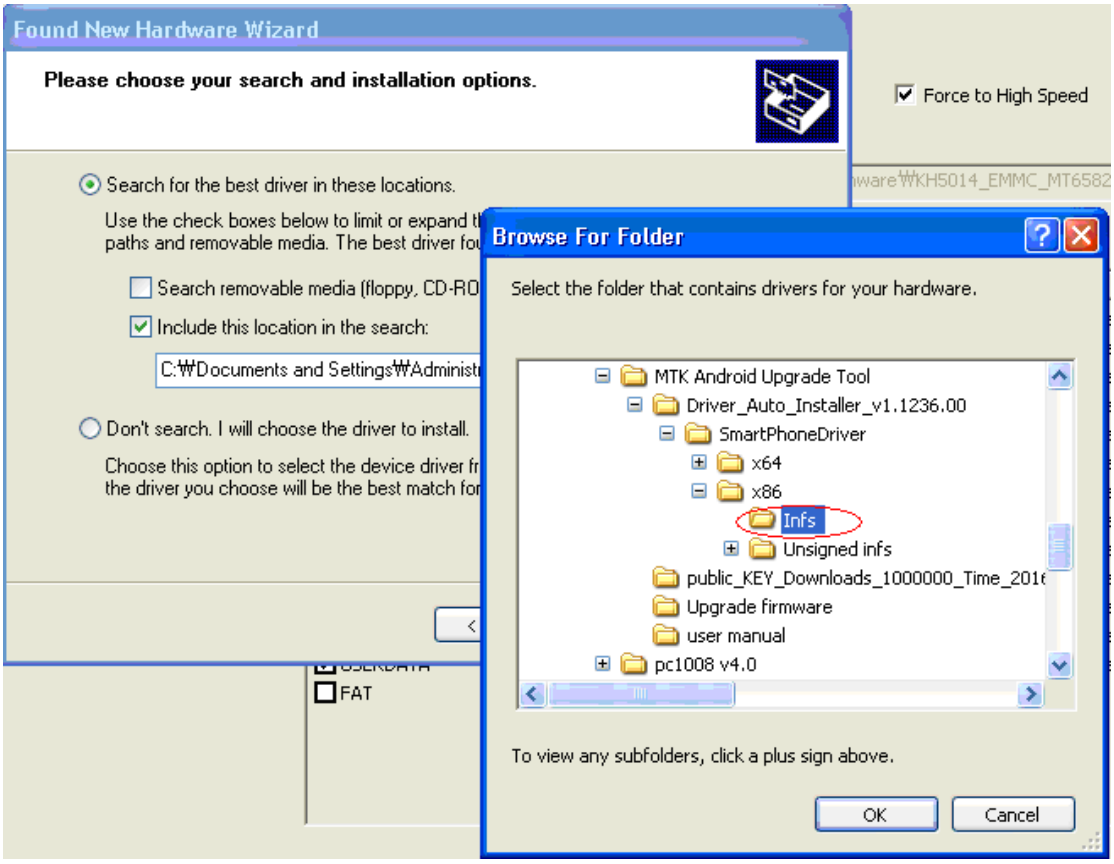


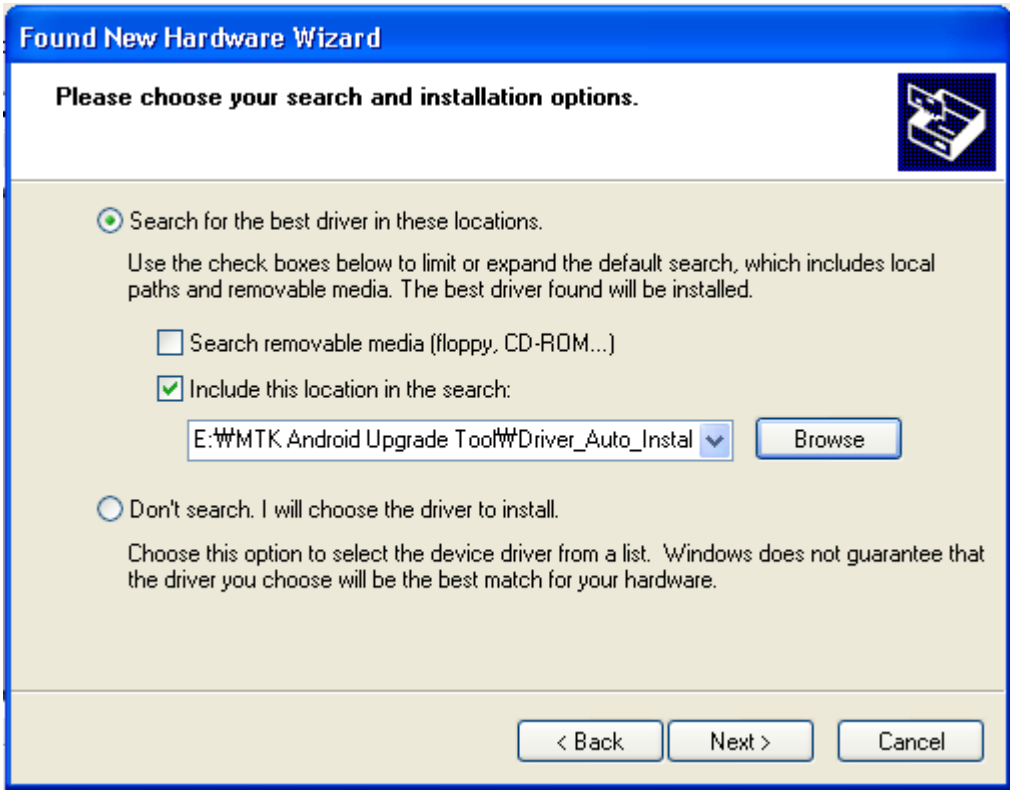
6. Then click “ Download ” on upper right shown as above picture.

7. After device has been turned off; connect the device to the PC by the USB cable supplied with the device.
Choose “Install from a list or specific location (Advanced)”, and then click “Next”, see the picture below:

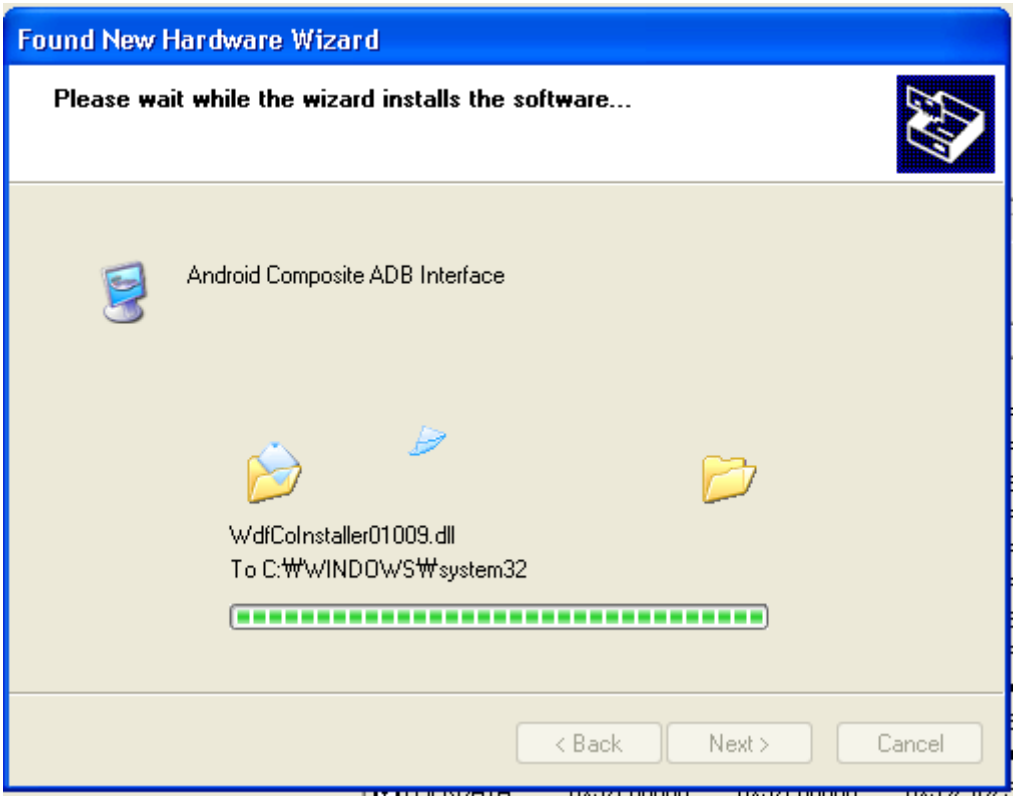
Choose “Include this location in the search”- “MTK Android Upgrade Tool” > “Driver_Auto_Installer_v1.1236.00” > Smartphone Driver > “x86” > “Infs”, Click “OK”. Shown as below picture.

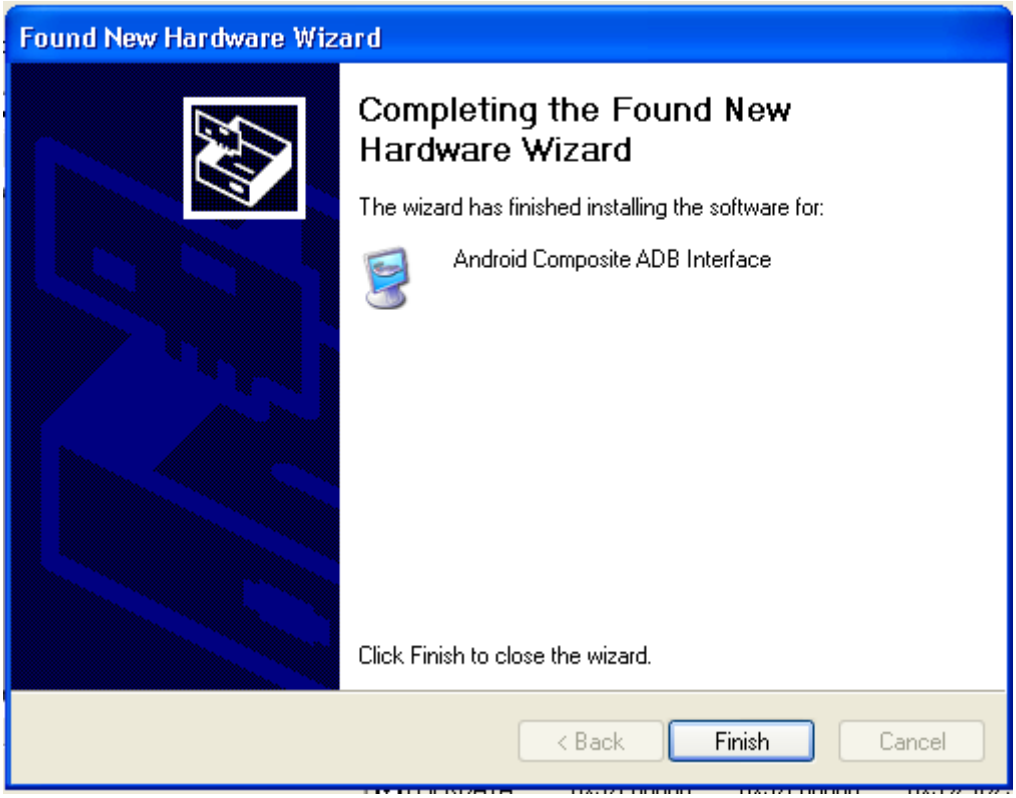




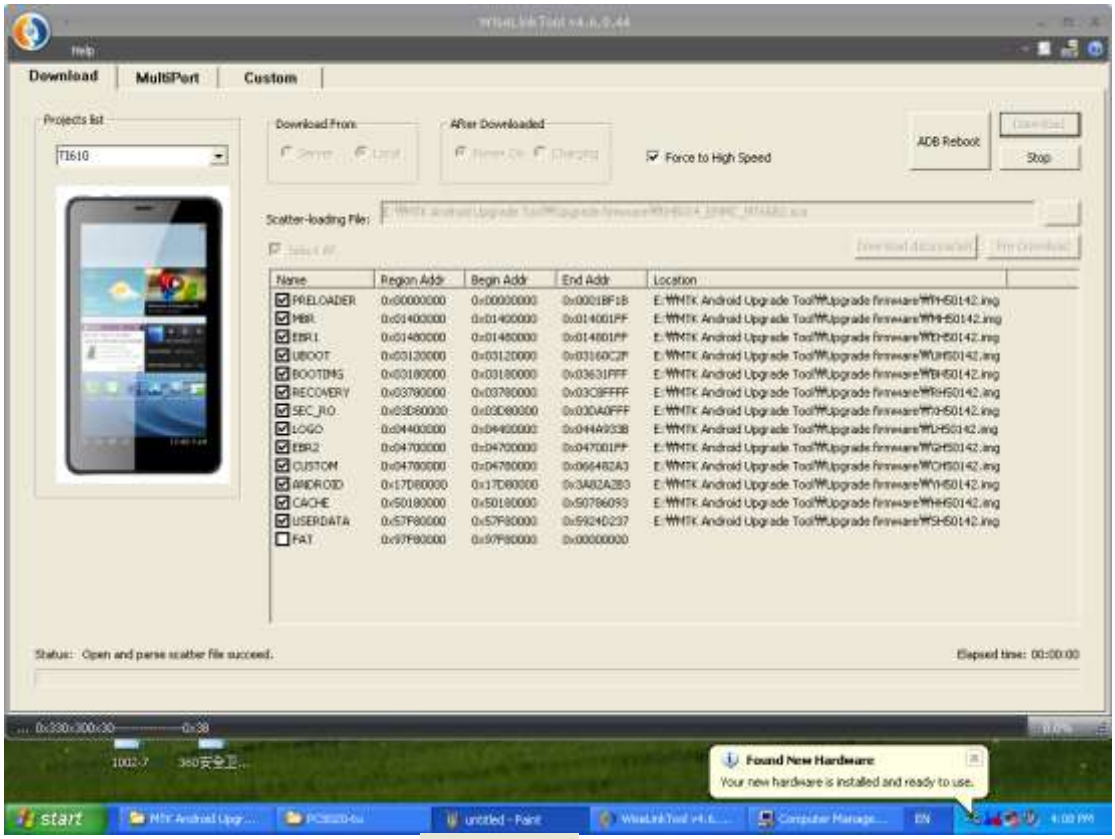


Then click “NEXT”, the system will detect and install the driver automatically, finally click “Finish”, see the pictures as below:

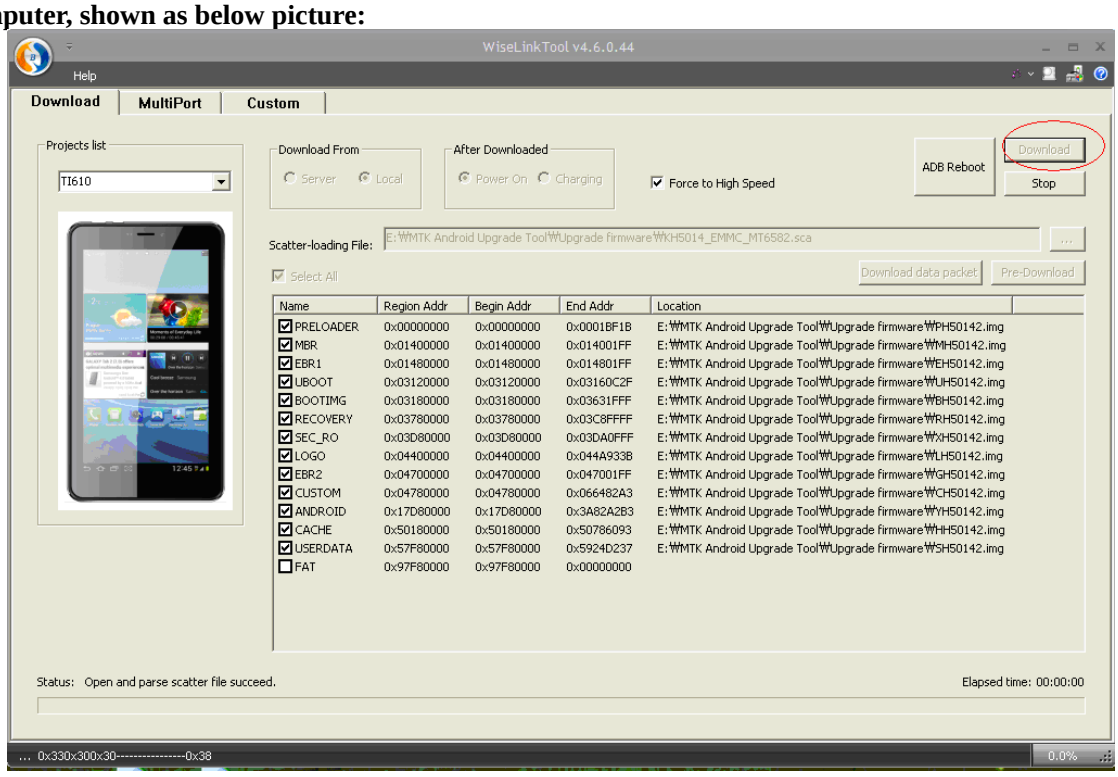




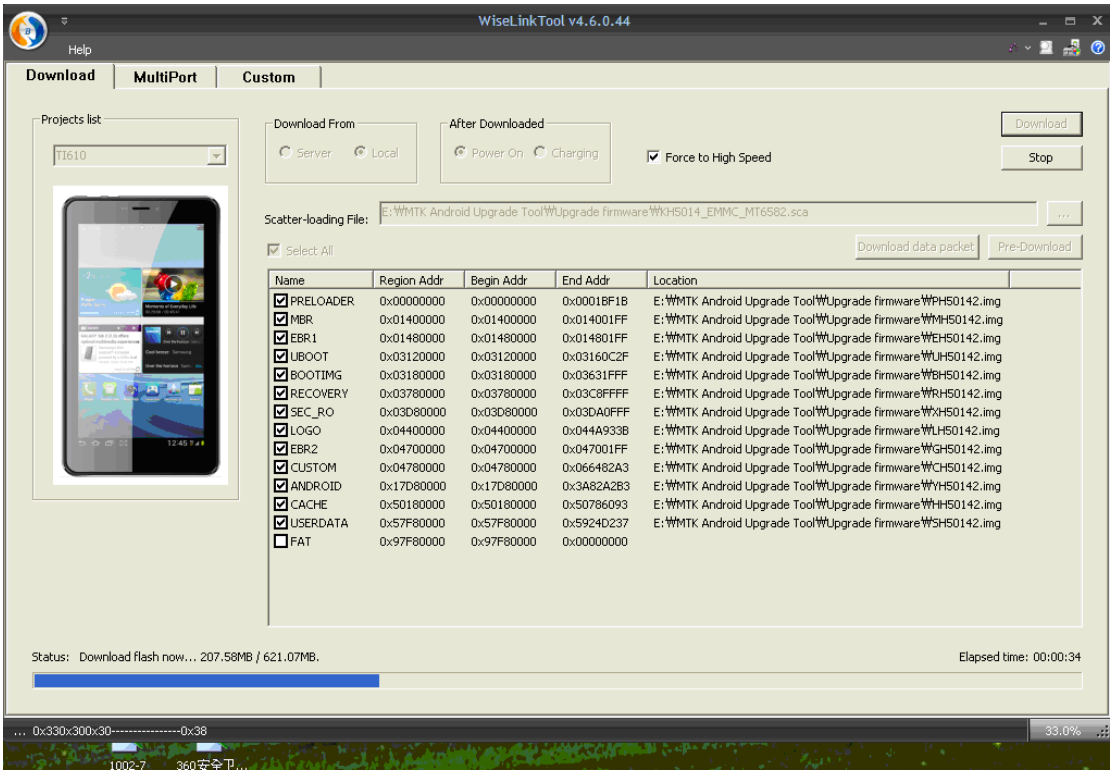
The “Found New Hardware Wizard” window will pop up on the bottom right corner as shown below.



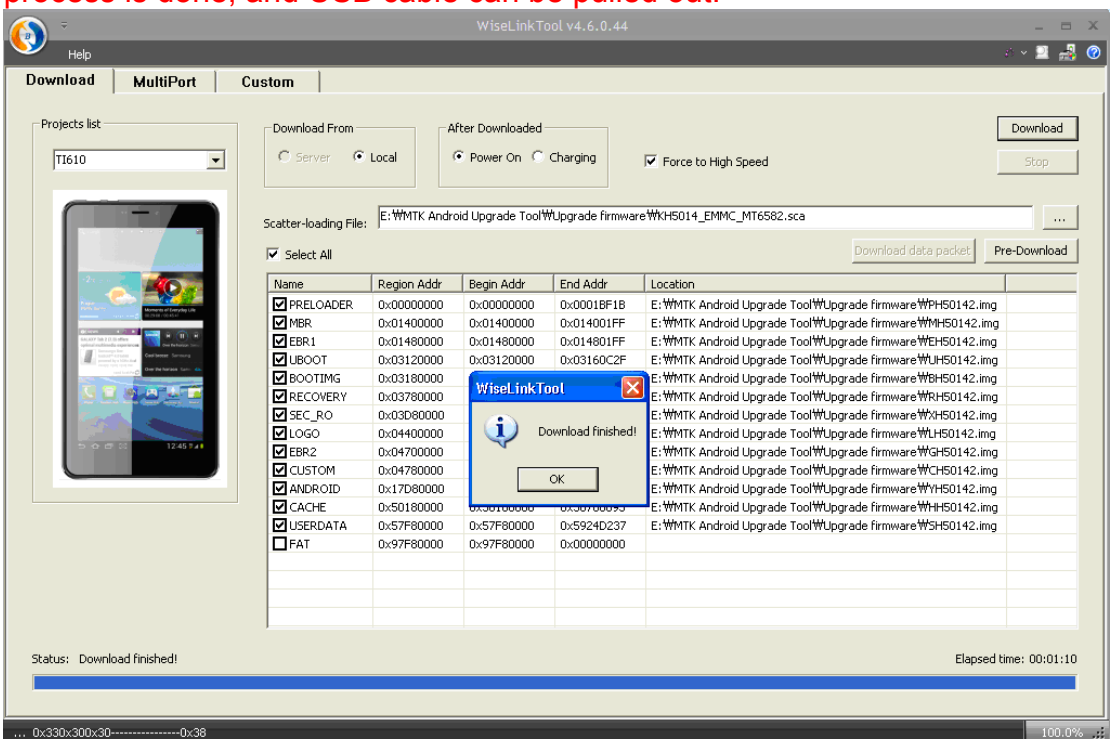
8. Pull out USB cable，then click “ Download ”, **shown on the upper right. Connect the tablet pc to computer, shown as below picture:**



9. The upgrade process begins, shown as below picture (please reconnect the tablet pc to computer if it shows that it is being charged)



10. When the upgrading is 100% done ， “Download finished” pops up. The upgrading process is done, and USB cable can be pulled out.



11.Pull out the USB cable, power on the tablet PC(note: the tablet pc can not be power on if out of electricity, please charge it for while.)

NOTE:1. Please don’t disconnect the USB cable during the updating process because this will cause update failure or possible system failure of the device.
2. During the updating process, accidentally unplugging or loosing the USB cable lead to the upgrade failure. To pull out the USB cable and use needle and other small objects to press reset button, and then re-upgrade it.

3.Having installed upgrade tool before, just click the shortcut “

” **,then directly go to step 4, and no need to install a MTK driver the second time.**

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 0.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.5cm 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 0.5cm 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: BRCPC8020 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.