

Mobile Portable Terminal User's Manual

Version 1.0.0

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Welcome

Thank you for purchasing our mobile portable terminal!

This user's manual will help you become familiar with our mobile portable terminal in a very short time.

Before installation and operation, please read the following safeguard and warning carefully!

Important Safeguard and Warning

1 . Electrical safety

All installation and operation here should conform to your local electrical safety codes.

We assume no liability or responsibility for all the fires or electrical shock caused by improper handling or installation.

2 . Transportation security

Heavy stress, violent vibration or water splash are not allowed during transportation, storage and installation.

3 . Installation

Keep upwards. Handle with care.

Do not apply power to the mobile portable terminal before completing installation.

Do not place objects on the mobile portable terminal.

4 . Qualified engineers needed

All the examination and repair work should be done by the qualified service engineers.

We are not liable for any problems caused by unauthorized modifications or attempted repair.

5 . Environment

The mobile portable terminal should be used in a cool, dry place away from direct sunlight, inflammable, explosive substances and etc.

6. Accessories

Be sure to use all the accessories recommended by manufacturer.

Before installation, please open the package and check all the components are included:

Contact your local retailer ASAP if something is missing in your package.

7. Lithium battery

Improper battery use may result in fire, explosion, or personal injury!

When replace the battery, please make sure you are using the same model!

1 Product Introduction

1.1 Overview

This series product is a mobile portable terminal for persons of public security, insurance, traffic police and etc. It can realize audio/video record, snapshot, GPS, and video surveillance, record view and download, bidirectional talk, emergency command via 3G/4G/WIFI and etc. The system is designed based on the Android OS. It realizes business rebuild and expansion via the security network to meet the mobile business requirements of various industries. It can enhance quick respond speed and general operation capability.

1.2 Specifications

Function	Specifications
OS	Android 4.1
LCD Module	4.0-inch TFT semi-permeable screen, it is visible under the sunshine. 854*480
Light Sensation Sensor	Self-adaptive screen brightness
Touch Screen Module	4.0-inch capacitance touch screen., multiple-point touch screen;
Memory	1GB RAM+32GB Flash, extendable storage. Max supports 64GB Micro SD card.
Video Encode Standard	H.264
Record Resolution	1080P, 25fps; 720P/D1/VGA/CIF/QVGA, 30fps
Image Pixels	8M/5M/3M/1.3M/VGA
Audio	Audio/video sync record at the same time
Network	China Mobile: 4G TD-LTE network China Telecom: CDMA-EVDO Chine Unicom: WCDMA WIFI
Function	Audio/video record, snapshot, one shortcut button to record video, one shortcut button to record audio, one shortcut button to snapshot, Bluetooth, fingerprint recognition, plate recognition, bidirectional talk, one shortcut button to alarm, user manage and log manage.
Positioning	GPS
Port	HDMI digital port / USB 2.0 port/Peripheral general port/Headphone jack/Peripheral camera port
Battery Capacity	Built-in high performance ultra-large lithium battery 4000mAh(default accessories)
Protection Level	IP66, anti-falling capability from 1.5M height.
Working Temperature	-10°C ~ +55°C
Humidity	10%—90%

1.3 General Structure

Please refer to the following figure for general structure information. See Figure 1-1 through Figure 1-3.

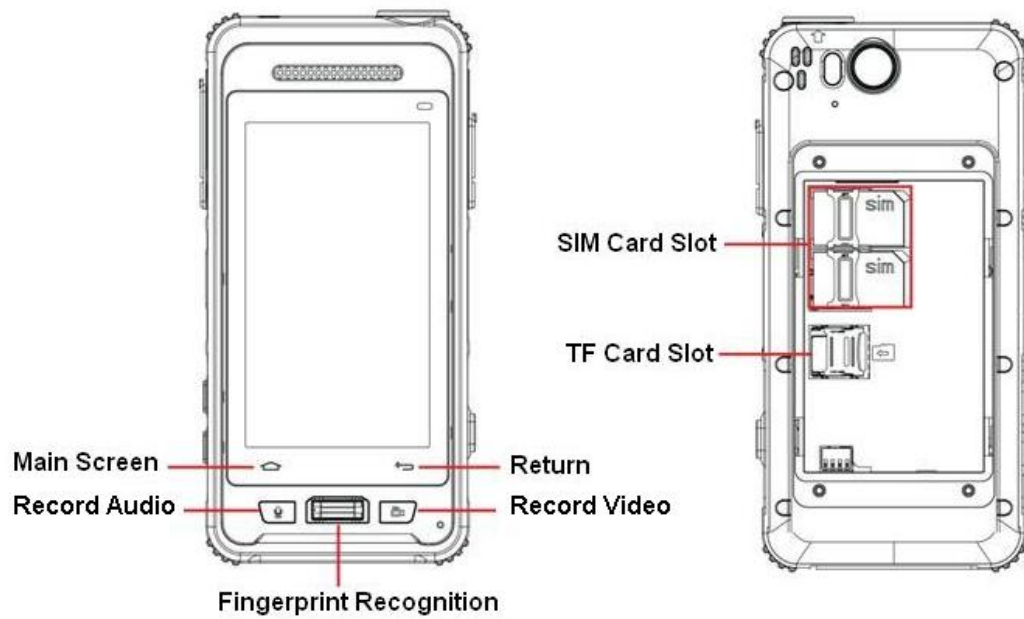


Figure 1-1

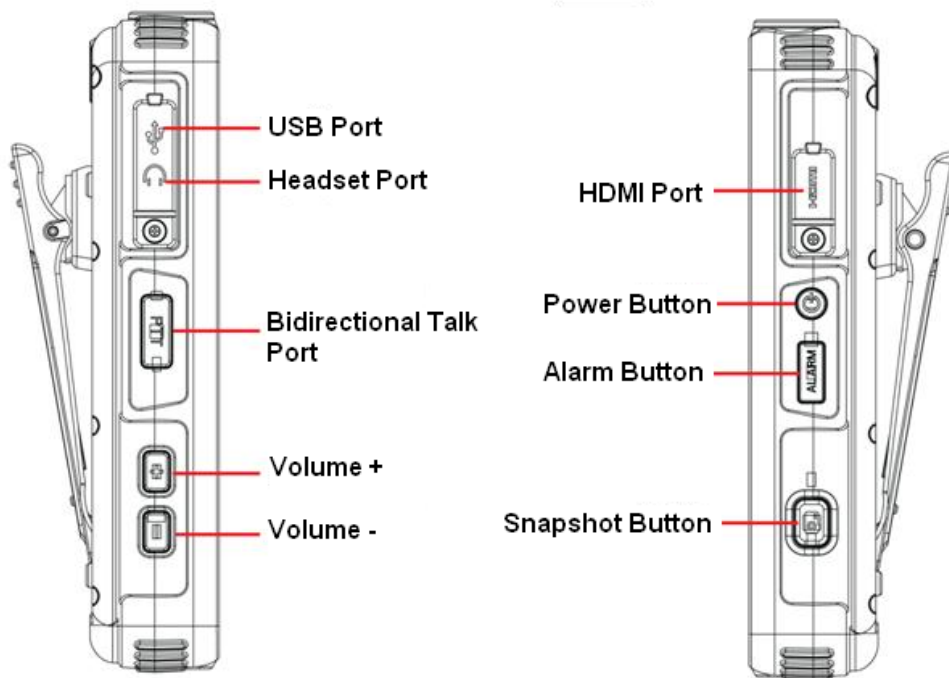


Figure 1-2

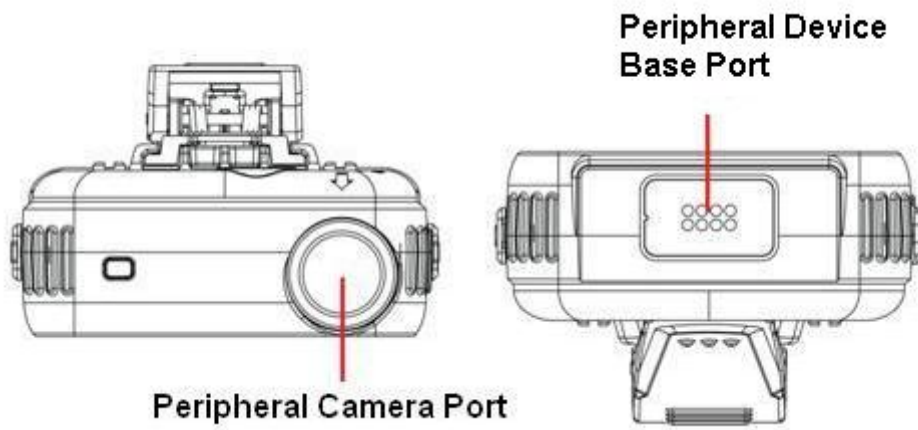


Figure 1-3

2 MPT Operation

2.1 Boot up and Shut down

Press the power button on the right side of the device (see Figure 1-2), you can boot up or shut down the device.

2.2 Login

After system boots up, you can go to the following interface. See Figure 2-1.

Input user name and password; click the Login button to go to the main interface.

System default user name is **admin** and password is **123456**.

Note:

For security reason, please modify password after you first login.

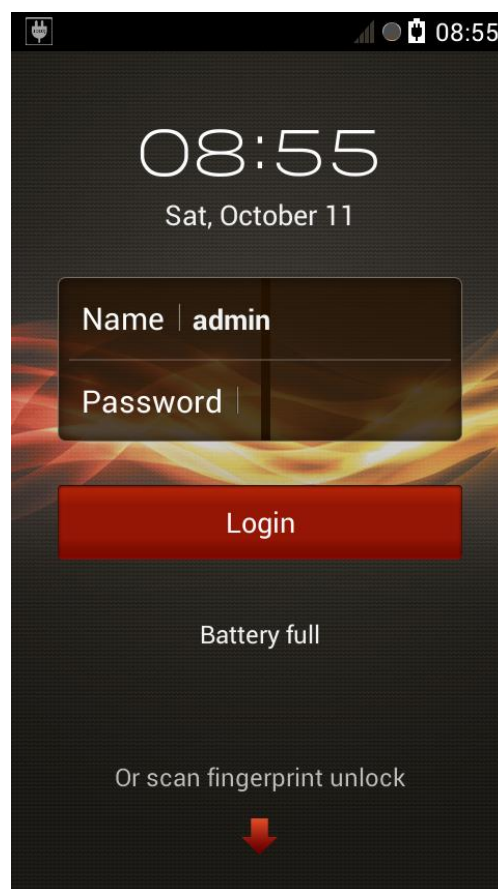


Figure 2-1

Tips

You can scan your fingerprint to login. Please go to the User Manager->Personal info->Password setting->Fingerprint manager to set first.

2.3 Main Interface

After you logged in, the main interface is shown as below. See Figure 2-2.



Figure 2-2

2.3.1 Status bar

It is to display system information, notice, display network connection status, platform connection and etc.

Please refer to the following sheet for detailed information.

Icon	Note
	Display battery voltage.
	Display storage card usage status. <ul style="list-style-type: none"> ● Orange: It is in use. ● Grey: It is idle. ● Red: The space is full.
	It is to display mobile signal type (such as 3G) and intensity.
	The Bluetooth function is enabled.
	Current WIFI signal intensity.
	An alarm occurs.
	The flow has reached the alarm threshold.
	The device maintaining work is in process. System needs to reboot to maintain after long-time work. Once it works for more than 72 hours, it sends out prompt information.
	The battery is full now.

Click the status bar and move down, you can see the shortcut button such as WIFI, Bluetooth, GPS, data, prompt information and etc. See Figure 2-3.

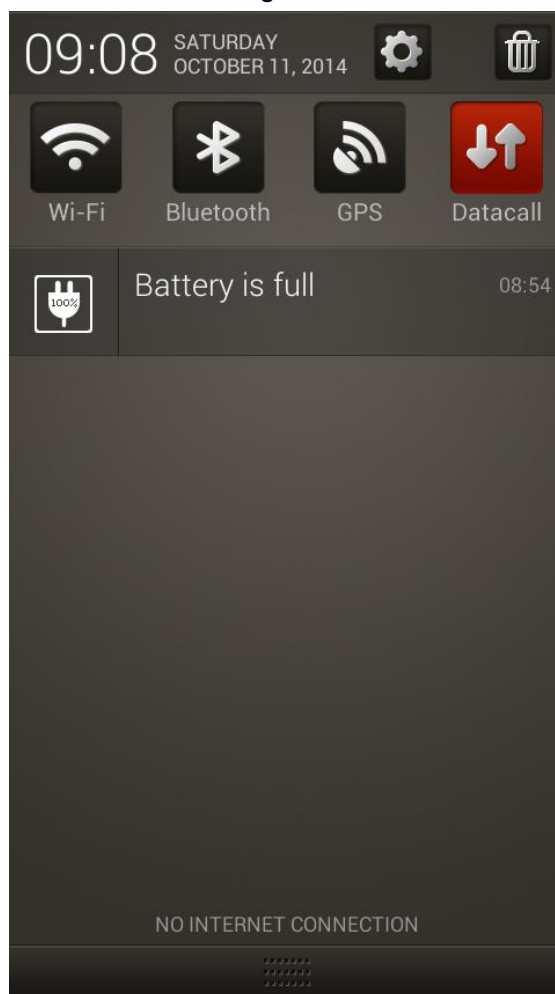


Figure 2-3

The red color means current function is enabled, the grey color means current function is disabled. Click the prompt information; you can go to the corresponding setup interface.

2.3.2 Menu

Move the menu left/right, you can go to the previous/next page.

The newly installed App can be displayed on the menu bar. Press the App icon for a long time, you can see “×”,click it you can delete the corresponding App.

2.4 Snapshot/Record Video





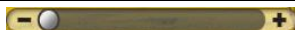



Click , system goes to the snapshot/record interface. See Figure 2-4.



Figure 2-4

Please refer to the following sheet for detailed information.

Icon	Function
	Click it, system begins snapshot.
	Switch snapshot/record video.
	Click it, system begins record video. During the record process, you can click  to snapshot.
	Adjust image distance (Near->Far)
	Click it to view image or video record file.

2.5 Record Audio



Click , you can go to the record audio interface. See Figure 2-5.

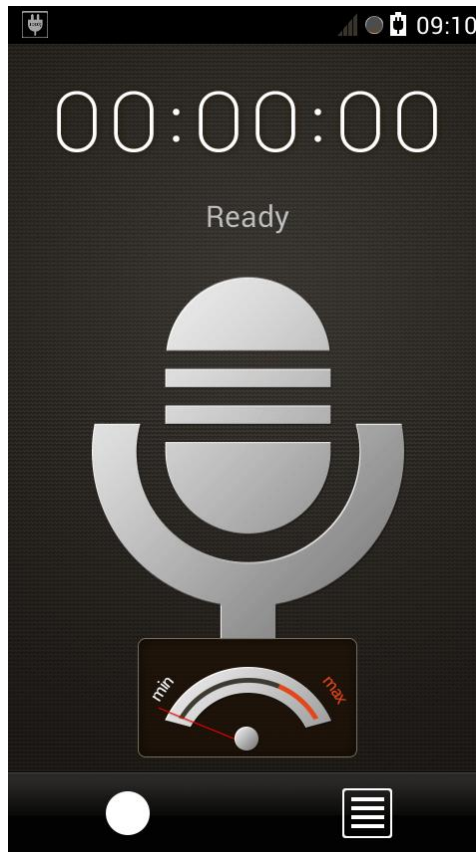




Figure 2-5


- Click  to begin record. The circle becomes red during the recording process. Click it again to stop record.
- Click  to view audio file.

2.6 Files Manage

Note

Admin user can view files of all users. For ordinary user, he can only view his own files.



Click , you can go to the file manage interface. Here you can view image, audio/video file. See Figure 2-6.

All file folders name after system current date such as 2014-07-05. Files name after system current time such as 07:21:25. Files are listed by time and the latest file is always at the top.

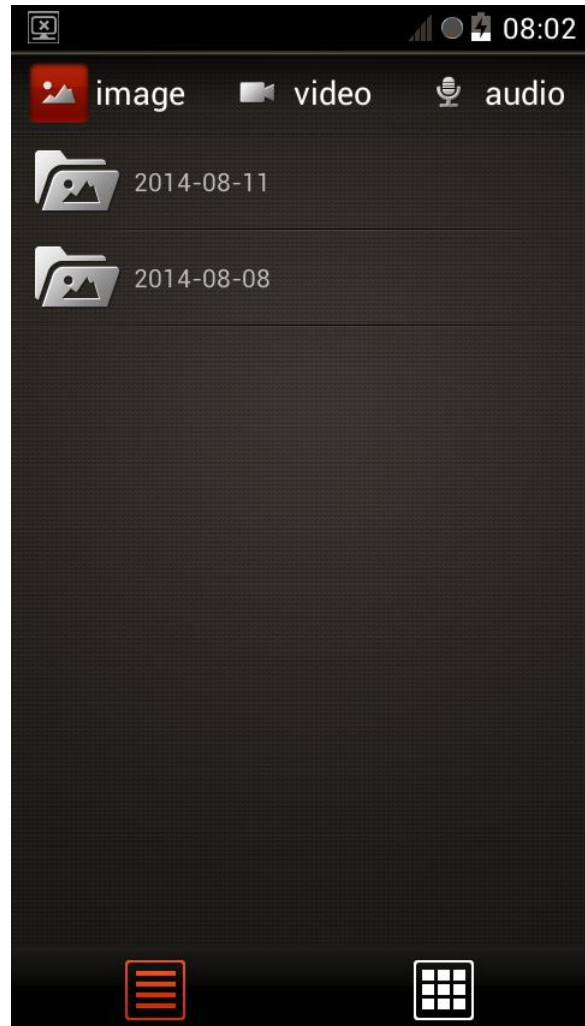
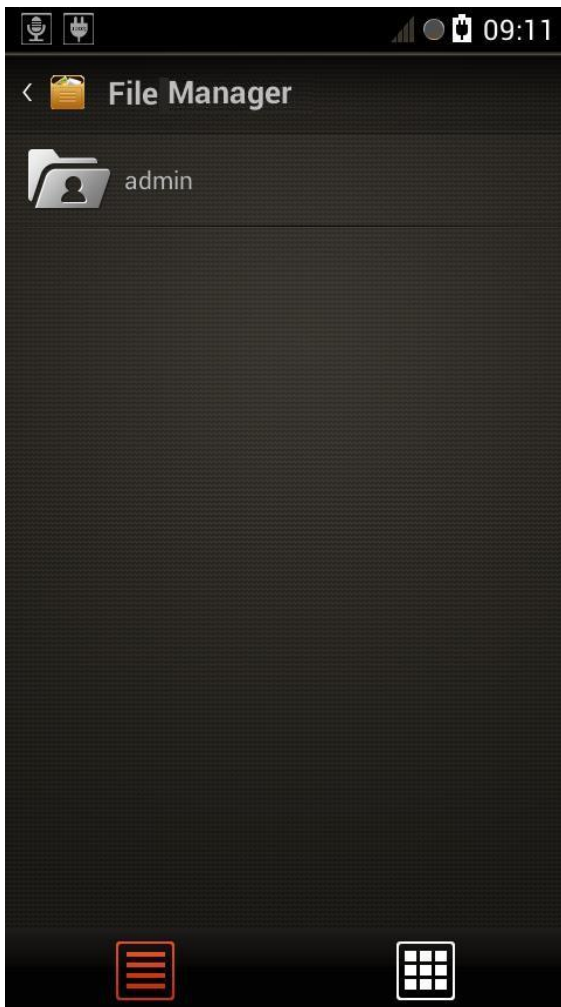


Figure 2-6

- a) Click file type you want to search (image/video/audio), you can view the folder.
- b) Click the folder, you can view the file.







- Press the file for a long time; you can see an icon shown as  at the top right of the image. The red color means it has been selected.
 - Click , you can view the detailed information of current file. It includes start time, end time, belonging user, size, resolution and type.
 - Click  to delete selected file.
 - Click  **select all**, you can select all files.
- c) Now you can click the corresponding file to view.



Figure 2-7

Use your finger to press left/right on the screen, you can view the previous/next image.

- Click  to return the image file list.
- Click  to snapshot.
- Click  to delete the image.

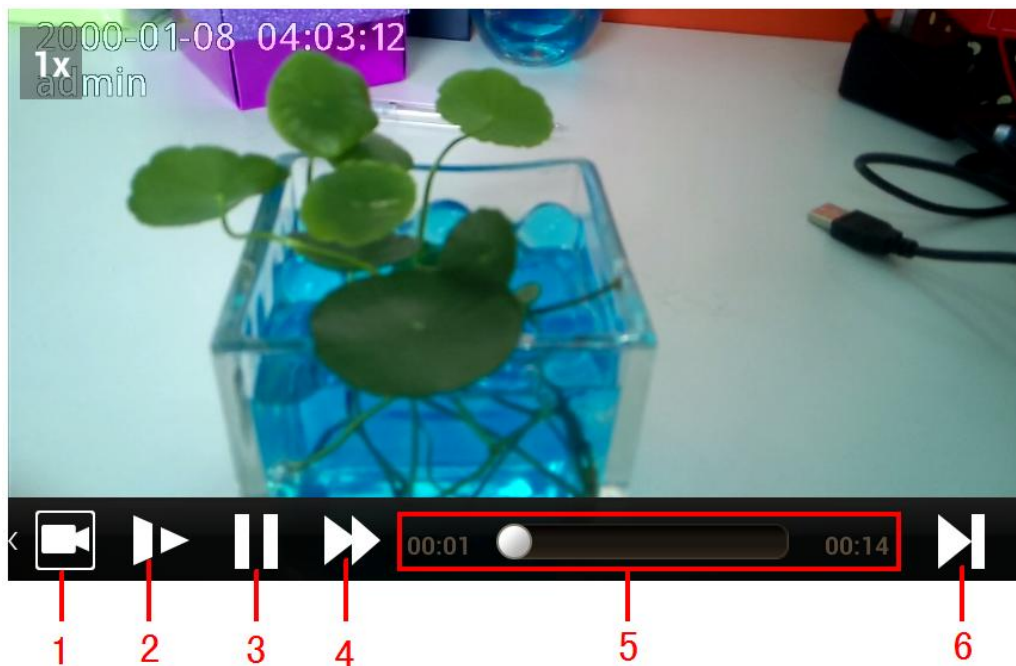




Figure 2-8

Please refer to the following sheet for detailed informaiton.

SN	Name	Function
1	Record	It is to record a video file.
2	Slow play	It max supports 1/4X slow play speed.
3	Play	Play or pause.
4	Fast play	It max supports 4x play speed.
5	Play process bar	Current file play speed and play time.
6	Frame by frame play	It is to play frame by frame.



Figure 2-9

- Click  to pause or play audio.
- Click  to return to the file list.

2.7 Settings

2.7.1 Network

From Settings->Network, you can go to the following interface. Here you can set WIFI, Bluetooth, data business, positioning, Ethernet and etc. See Figure 2-10.

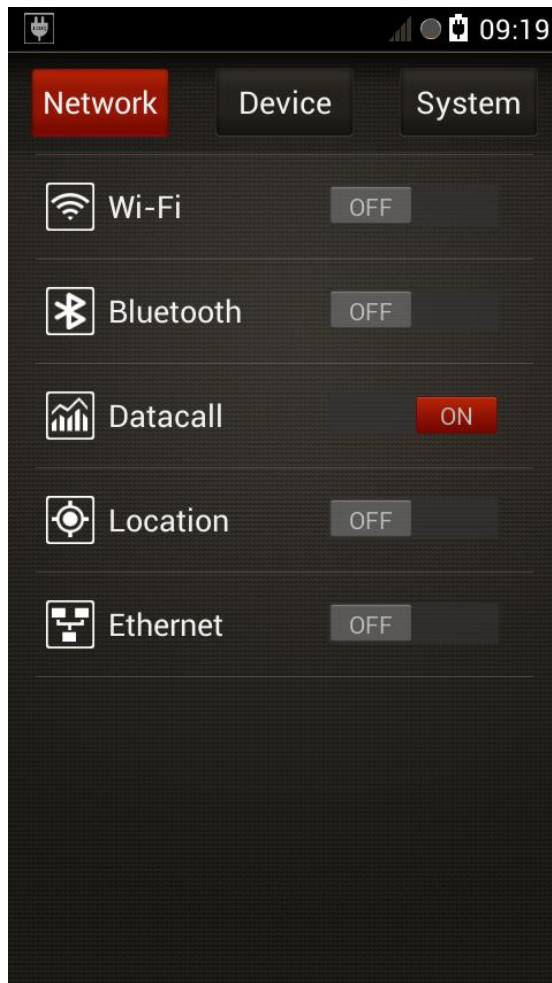
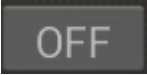



Figure 2-10

Click an item to go to the corresponding interface.

-  means current function is disabled.
-  means current function is enabled.

2.7.1.1 WIFI

Here you can search or add WIFI network.


Click  **Wi-Fi**, you can go to the following interface. See Figure 2-11.




Figure 2-11

2.7.1.2 WPS

WPS (Wi-Fi Protected Setup) is used for the router of the WPS function. After you enabled this function, the device can quickly connect to the network.



Click  to view the router of the WPS function. You can follow the pop-up interface to set and then connect to the network.

2.7.1.3 Add Network



Click , you can add the WIFI network. See Figure 2-12.

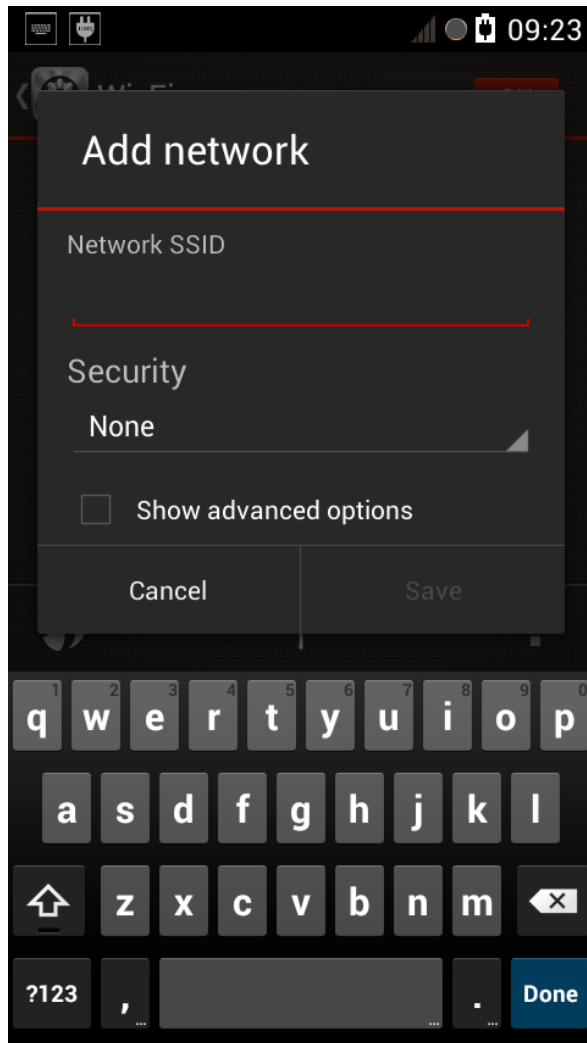



Figure 2-12

Please refer to the following sheet to set the detailed parameters.

Name	Function
SSID	The router SSID you want to connect to (It is the WIFI network name).
Security	N/A: There is no need to input password when you login the WIFI network. WEP, WPA/WPA2 PSK, 802.1x/EAP: You can set proper password here.
Password	The password you need to input when you connect to the router SSID (The password when you created the WIFI network).
Advanced	Check the box here; you can set proxy and IP.
Proxy	Check the Manual box, you can set proxy server parameters.
IP	<ul style="list-style-type: none"> • "DHCP": Auto search WIFI network IP. • "Static": Set WIFI network IP address, gateway, network prefix length, domain name 1 and domain 2. <ul style="list-style-type: none"> ◇ IP address: It shall be in the same IP segment of the router. ◇ The rest parameters shall be the same as the router.

Click Save to complete the add operation.

2.7.1.4 Advanced

Click , you can view two options:scan/advanced.

- Scan: Click it to search all WIFI networks.
- Advanced. Click it, the interface is shown as below. See Figure 2-13.

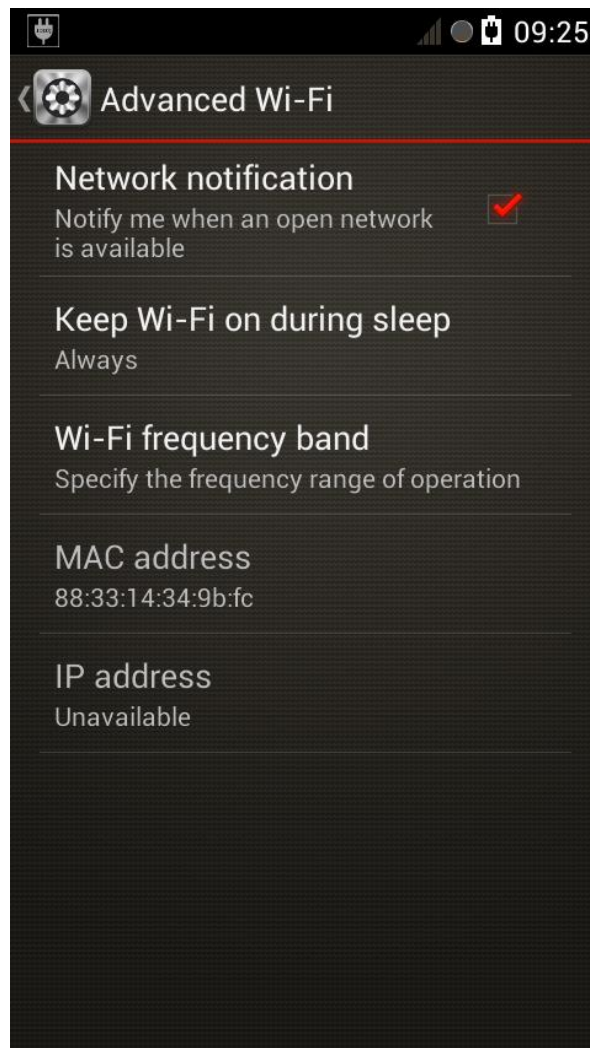


Figure 2-13

- Check **Network notification** button, you can be informed when there is network available.
- Check the box to select “keep WIFI on during sleep”, you can see the following interface. See Figure 2-14. Now you can select:
 - ✧ Always: Always maintain WIFI connection even on hibernation status.
 - ✧ Only when plugged in: only maintain WIFI connection when recharging.
 - ✧ Never: Disconnect WIFI connection on hibernation status.

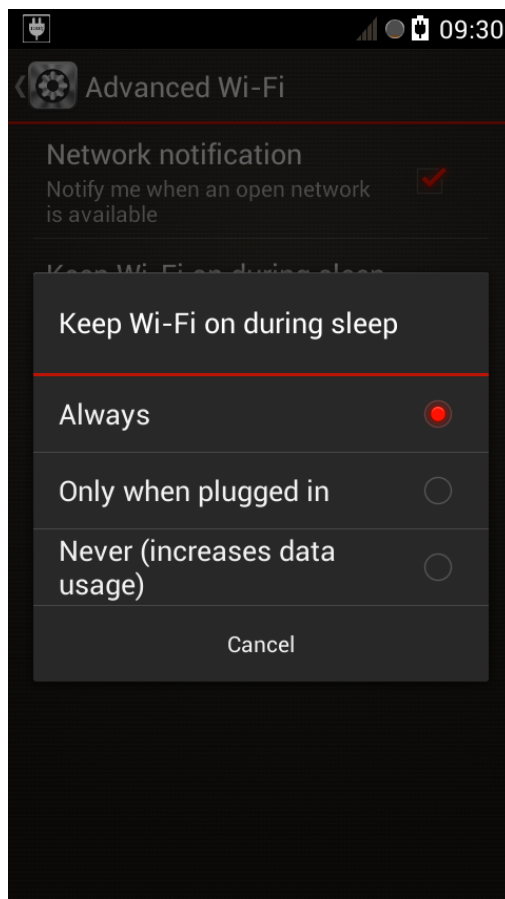


Figure 2-14

- Click WIFI frequency, you can select specified frequency range. See Figure 2-15.
 - ✧ Auto: Auto search router frequency.
 - ✧ For 5Hz frequency: Only search 5Hz router.
 - ✧ For 2.4Hz frequency: Only search 2.4Hz router.

Note

Right now, device supports 2.4Hz only. It does not support 5Hz.

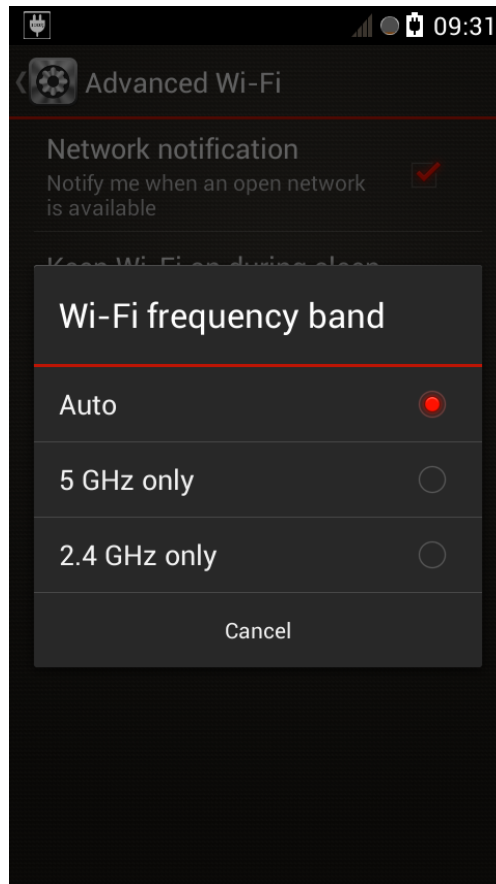



Figure 2-15

You can go to the advanced interface to view the connected Ethernet card MAC address and network IP address.

2.7.1.5 Bluetooth

You can use Bluetooth to receive the file.



Click  Bluetooth, you can go to the following interface to enable Bluetooth function.

See Figure 2-16.

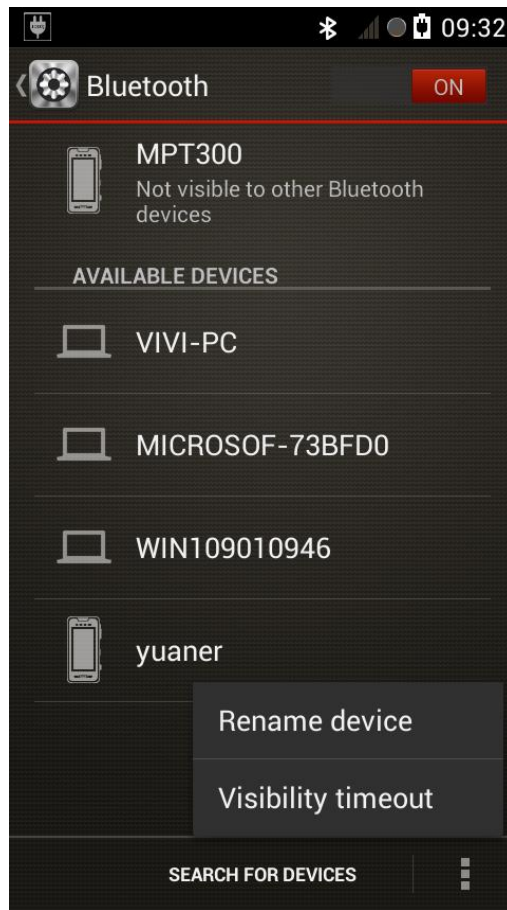
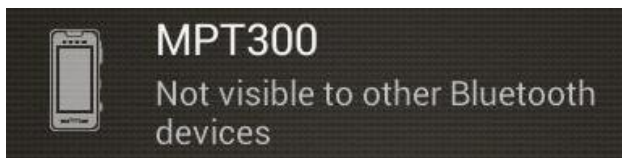


Figure 2-16



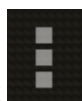
Important


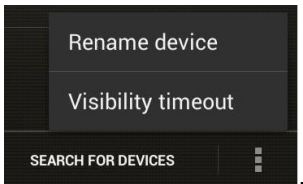
- When it says "Not visible to other Bluetooth devices", the other device can not search the device.
- When it says "Visible to other Bluetooth devices", the other device can search the device.
- When it says "Visible to other paired Bluetooth devices", only the paired device to detect the device.



Click , you can switch detect mode. You can follow the prompt to select.

- Click "search device", you can search all devices available.




- Click , you can see .

✧ Rename device: Click it to rename the device.

- ✧ Detect time setup: It is to stop the detect after the specified period if there is no detected device.

2.7.1.6 Data

Click  Datacall to enable data business. You can go to the following interface. See Figure 2-17.

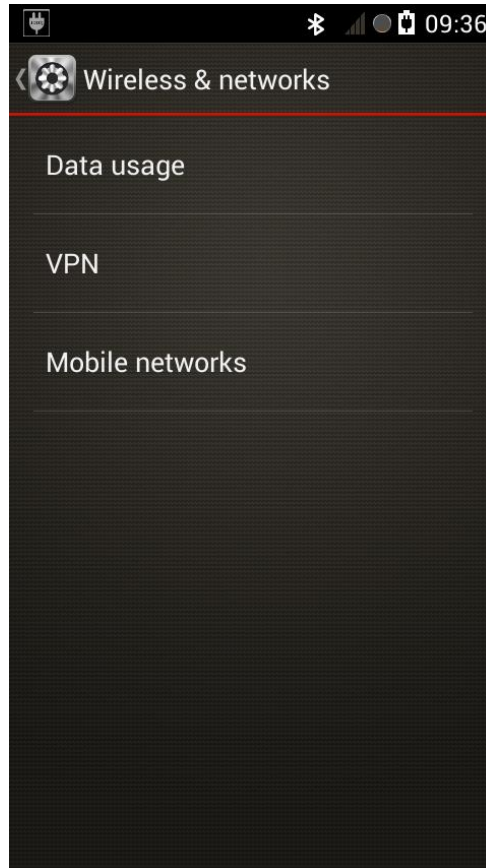


Figure 2-17

2.7.1.7 Data usage

Click data usage, you can see the flow usage information. See Figure 2-18.



Figure 2-18

You can set flow threshold here. Drag the line on the screen to set the threshold value and then warning line.

- Warning line: Once the flow has reached the warning line, system can generate an alarm to alert you.
- Threshold line: Once the flow has reached the threshold line, system auto disconnect data connection.

2.7.1.7.1 VPN

When you are using SIM card, you need to input the VPN (Virtual Private Network) user name, password, server address and etc of the SIM card, so that you can connect to the network. See Figure 2-19.

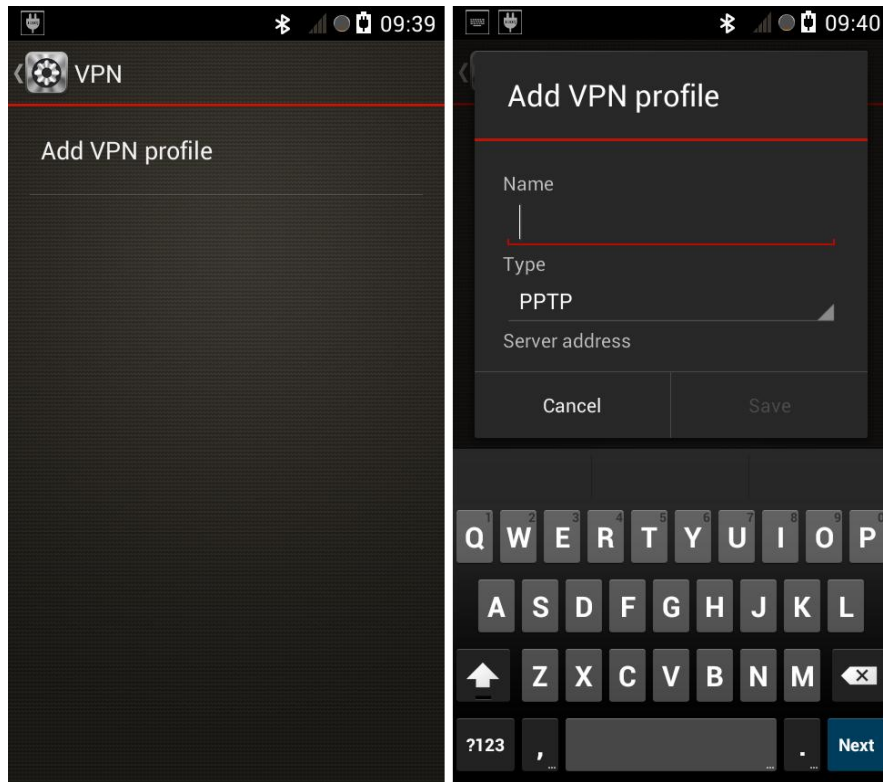


Figure 2-19

2.7.1.7.2 Mobile network

Click mobile network, you can go to the following interface to set. See Figure 2-20.

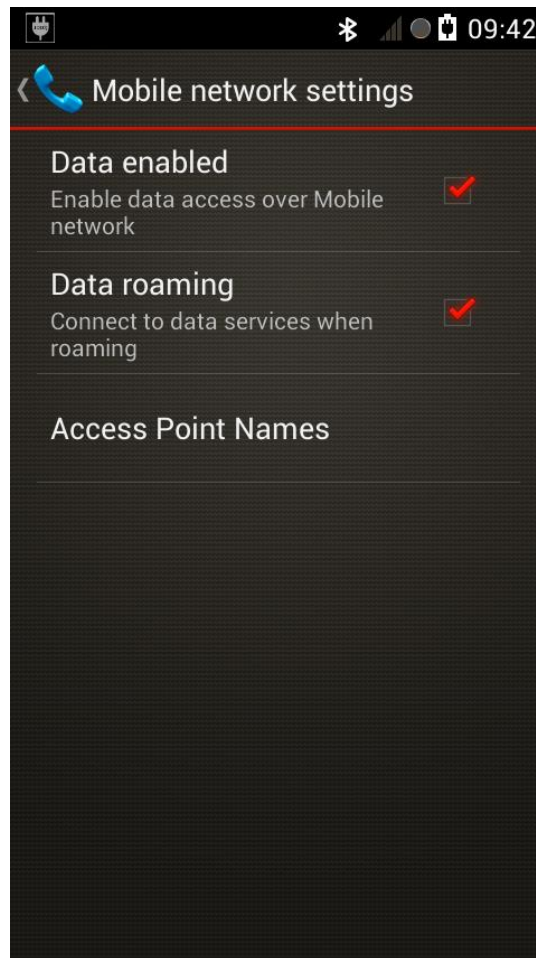


Figure 2-20

- Check the enabled data flow; you can use the mobile network to upload/download data.
- Check the mobile data roaming; you can connect to the mobile data network service when you are roaming.
- Click connection name (APN), you can set APN.

APN (Access Point Name) is the parameter you need to set on the cell phone. It is to define which way you are using to access the network.

Click APN, the interface is shown as below. See Figure 2-21.

Please note the following figure for reference only. For different operators, the interface may vary.

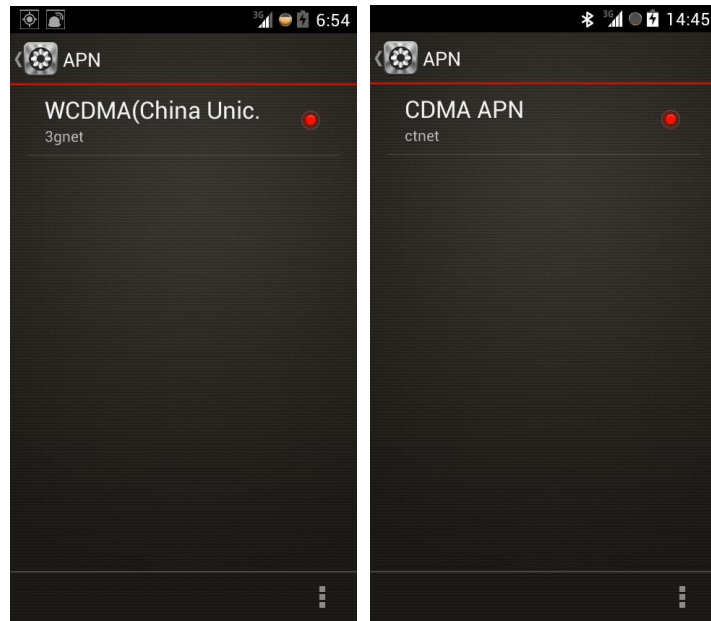




Figure 2-21

Click it, you can go to the change APN setup interface to modify the setup.

Click the  on the right corner and then click the Save button.

Please note, for SIM card from different operators, the APN setup may vary. The system adopts the default setup after you inserted the SIM card.


Follow the steps listed below to add new APN.

- a) Click the  on the right corner, and then select to add APN.

Note

Click the default setup button, you can restore default setup.

- b) Now you can set corresponding APN parameters.

- c) Click the  on the right corner, and then click the Save button.

2.7.1.8 Location

You can use the GPS to locate position after you enabled the positioning function. See Figure 2-22.

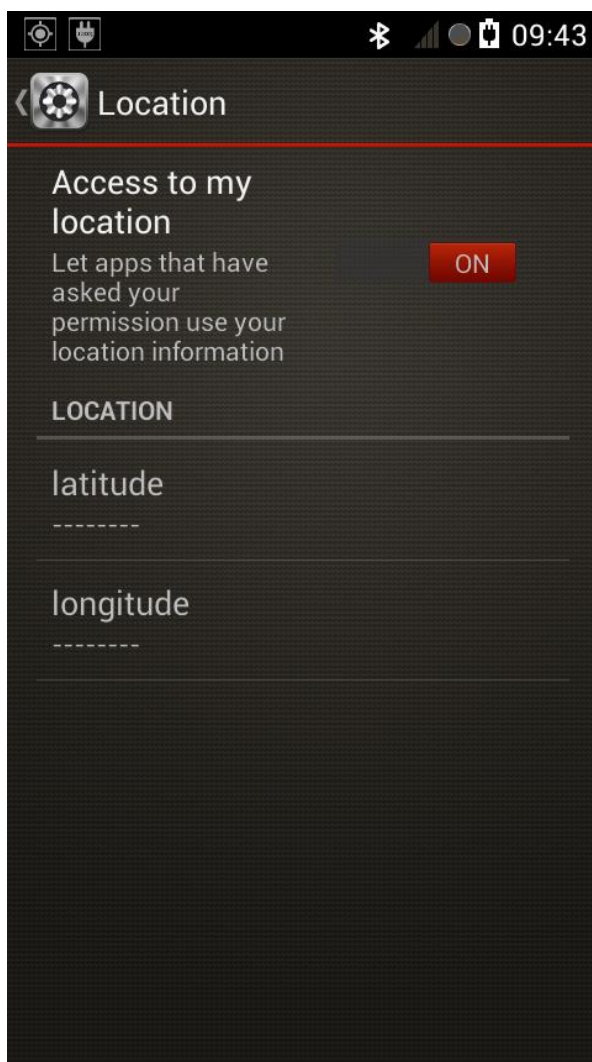


Figure 2-22

2.7.1.9 Ethernet

This function shall work with the pedestal (not provided), you can use the network port on the pedestal to connect to the network.

2.7.2 Devices

From Settings->Devices, you can go to the following interface. Here you can set camera, platform, account, camera storage parameters. See Figure 2-23.

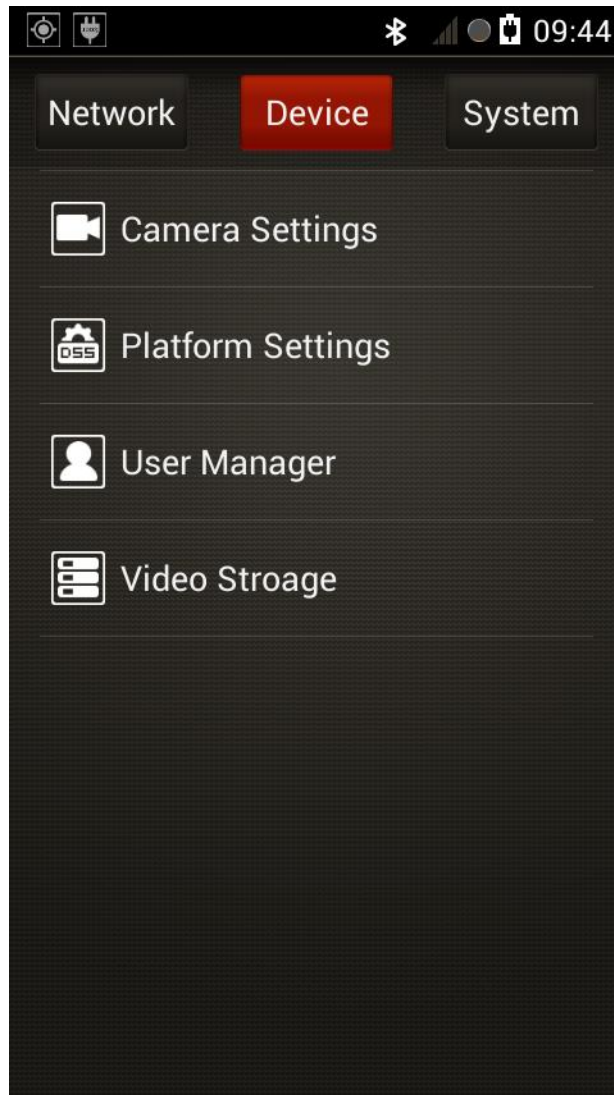


Figure 2-23

2.7.2.1 Camera

From Settings->Device->Camera, you can go to the camera interface. See Figure 2-24.

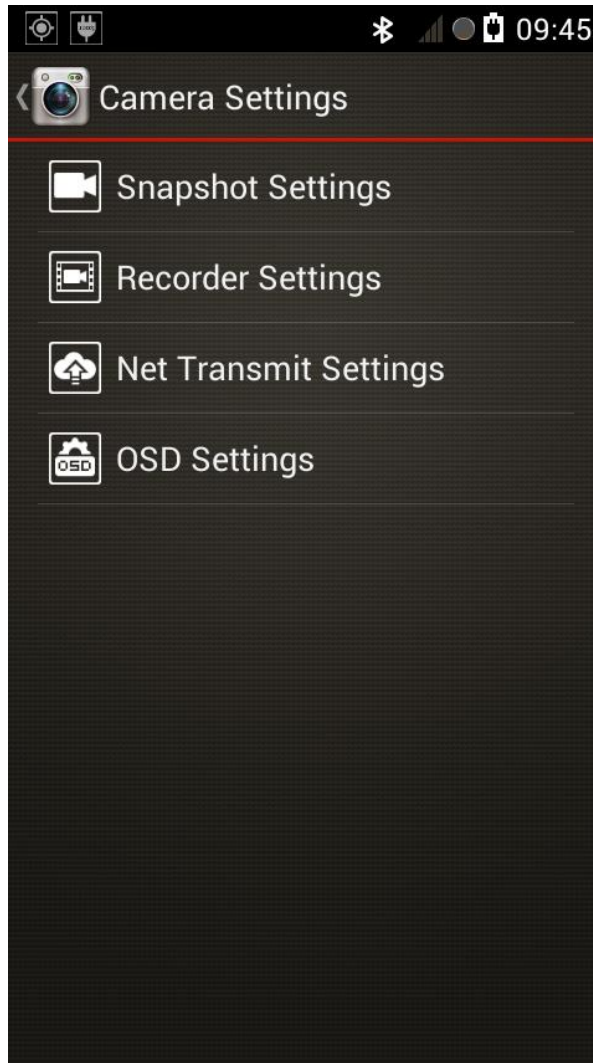


Figure 2-24

2.7.2.1.1 Snapshot

It is to set snapshot quality, WDR, size. See Figure 2-25.

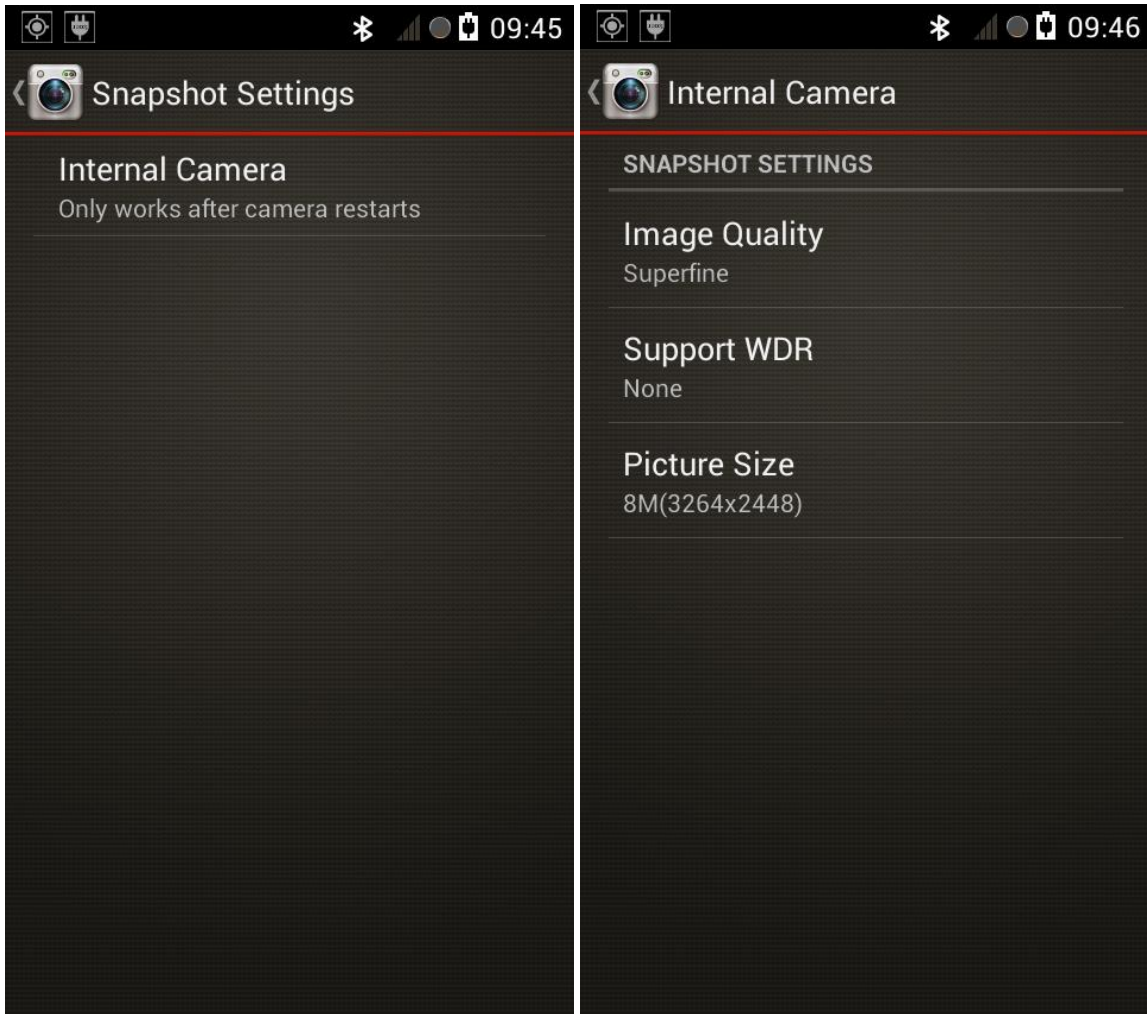


Figure 2-25

Please refer to the following sheet for detailed information.

Name	Functions
Image quality	It includes normal, fine and super fine.
WDR	WDR function can enhance the brightness of the dark section and lower the brightness of the high light section so that the both sections can be clear at the same time. <ul style="list-style-type: none"> ● Off: It is to disable the WDR function. ● Low/middle/high: It is for you to select according to the actual environment.
Image size	The options includes: <ul style="list-style-type: none"> ● 8M (3264x2448) ● 5M (2592x1944) ● 3M (2048x1536) ● 1.3M (1280x960) ● VGA (640x480)

2.7.2.1.2 Record

It is to set video quality, frame rate, bit stream value, and encode type. See Figure 2-26.



Figure 2-26

Please refer to the following sheet for detailed information.

Name	Functions
Video quality	The higher the resolution is, the good the video quality is. But at the same time, the storage space is large. <ul style="list-style-type: none"> ● 1080P (1920×1080) ● 720P (1280×720) ● D1 (720×576) ● VGA (640×480) ● CIF (352×288) ● QVGA (320×240)
Frame rate	The higher the frame rate is, the fluent the video is. The different video quality has different frame rate.
Bit stream value	For different frame rates and resolutions, the bit rate value may vary.
Bit rate type	<ul style="list-style-type: none"> ● CBR: The average bit frame rate is the same. ● VBR: The bit stream value may vary according to the image quality.

2.7.2.1.3 Network transmit encode

It is to set the network transmission video quality, bit stream type, frame rate, and encode type.

See Figure 2-27.

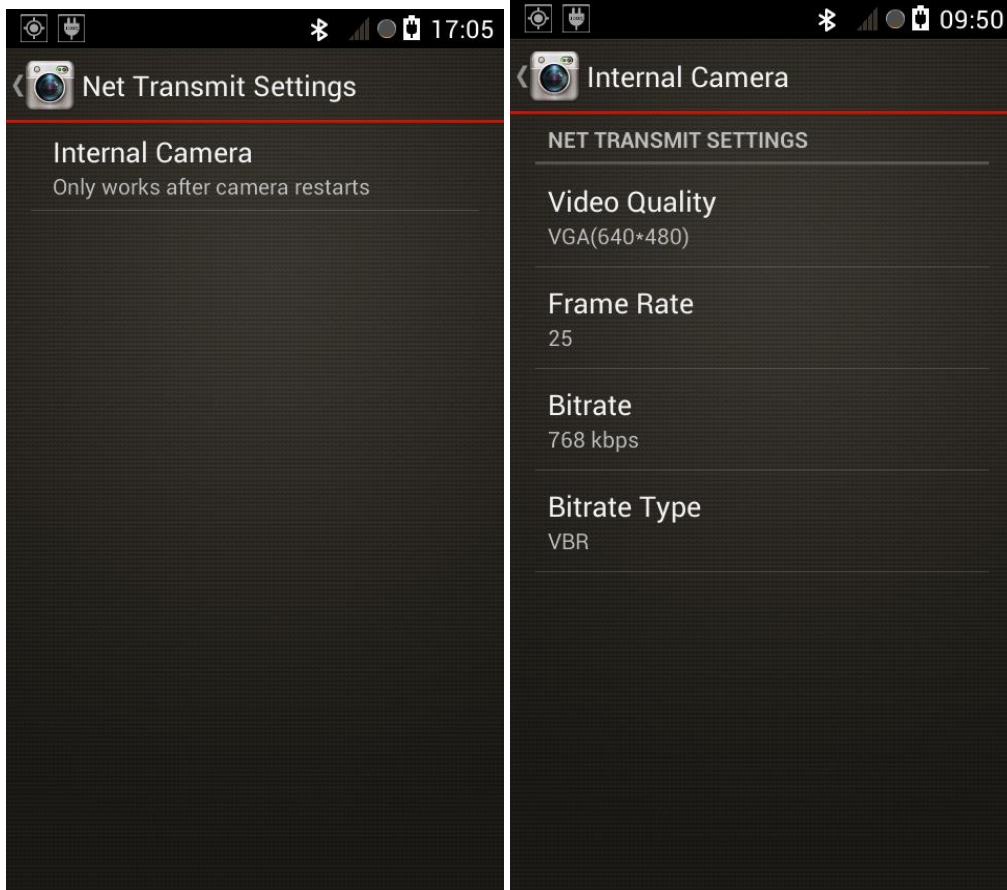


Figure 2-27

Please refer to chapter 2.7.2.1.3 for detailed information.

2.7.2.1.4 OSD

It is to set enable/disable OSD function or not. After you enabled this function, you can overlay corresponding time, user name, GPS information on the image or video. See Figure 2-28.

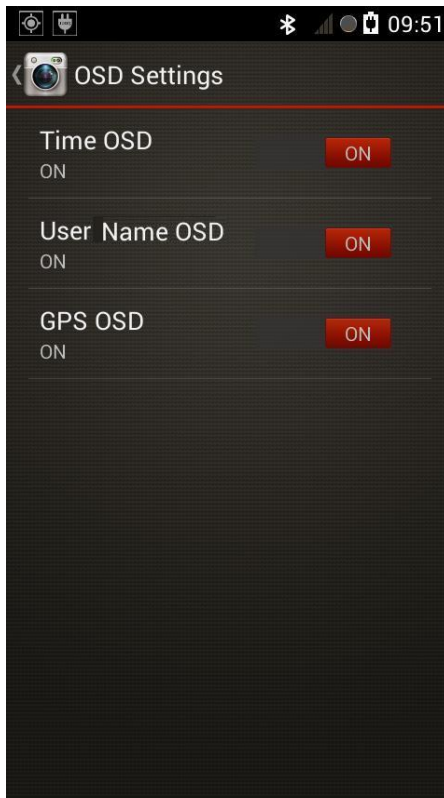


Figure 2-28

2.7.2.2 Platform

MPT can connect to the DSS platform. You can control and manage MPT device remotely via DSS.

From Settings->Device->Platform, you can go to the platform interface. See Figure 2-29.

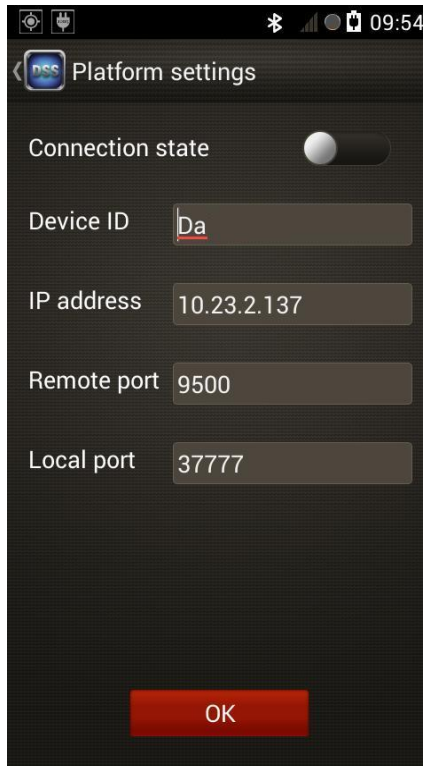




Figure 2-29

Please refer to the following sheet for detailed information.

Name	Function
Connection state	Enable or disable the device to connect to the platform.
Device ID	It is the name of the device on the platform. Please make sure the name here is the same on that on the platform.
IP address	Input platform server IP address.
Remote port	Platform server registration listen port. The default port value is 9500.
Local port	Device listen port. The default port value is 37777.

After the device connected to the platform, you can view its status on the interface is shown

as , otherwise it is shown as .

2.7.2.3 User manage

From Settings->Device->User manage, or click User manage on the main interface, you can go to the following interface. See Figure 2-30(admin account) and Figure 2-31 (ordinary account).

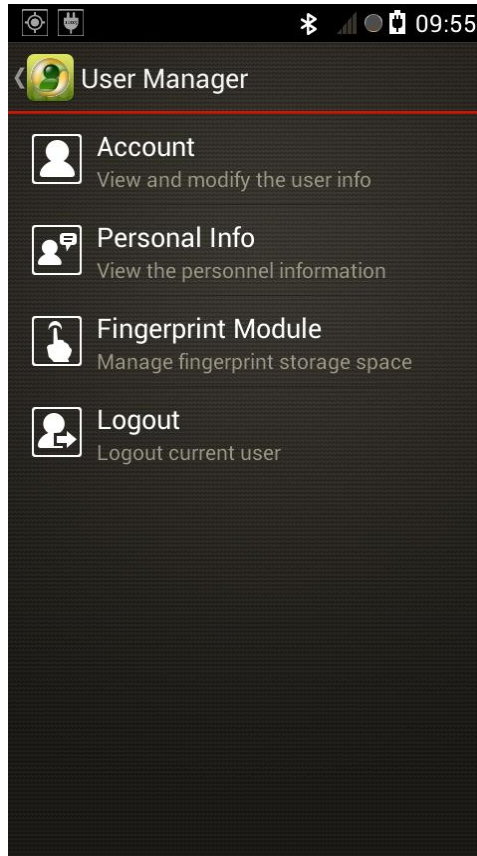


Figure 2-30

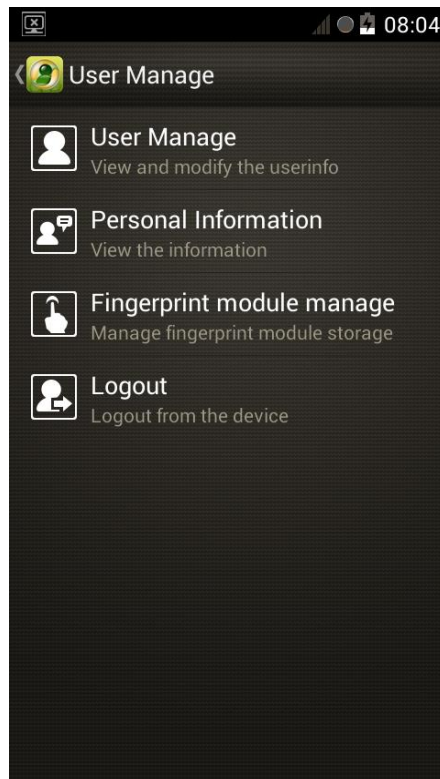


Figure 2-31

2.7.2.3.1 Account

Click account button, you can go to the user list interface. See Figure 2-32.

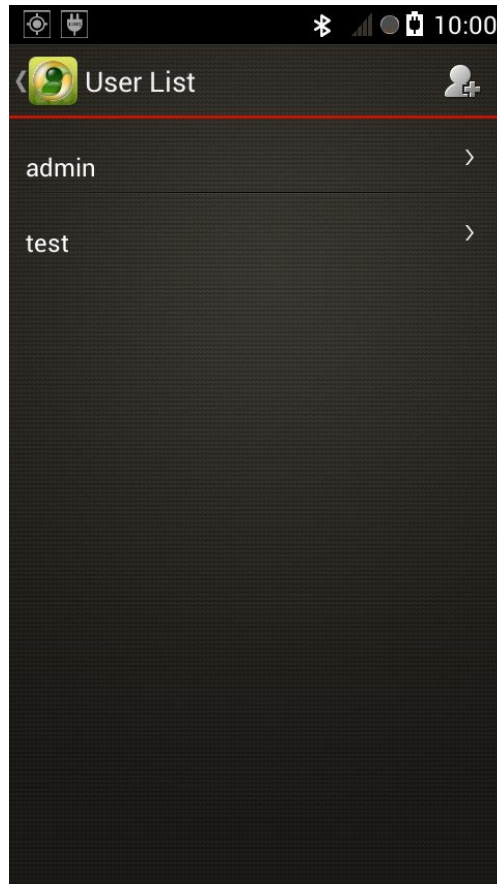



Figure 2-32

Important

Only the admin user has the user manage rights and can add user and set new user authorities.

Click the admin user; you can go to the user information interface. Here you can search user information, modify rights, modify password, add/delete fingerprint and etc.

Follow the steps listed below to add new user.

Click  to add new user. See Figure 2-33.

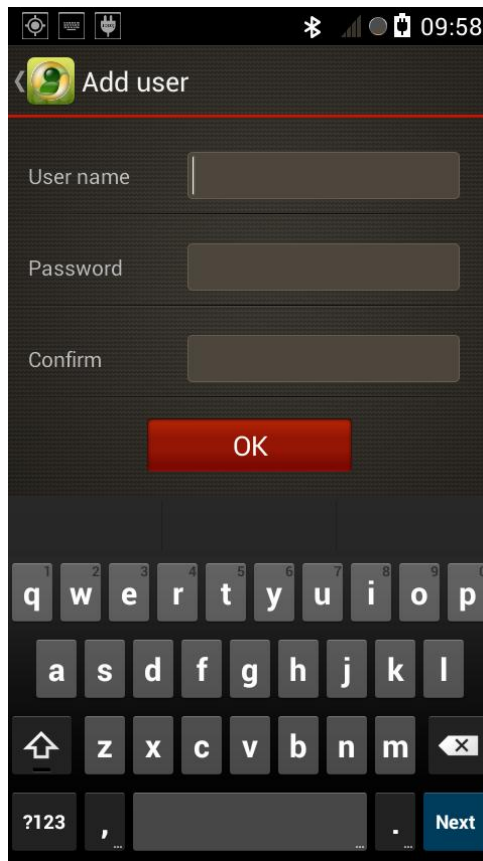


Figure 2-33

Input user name, password, confirm password, memo and then set rights.

Tips

The authorities are not displays in one screen. Use you finger to press down the screen to view more options.

Click OK button to complete the setup.

After you successfully added a new user, you can go to the user list and then click it, now you can go to the followin interface to set its memo and authorities. See Figure 2-34.

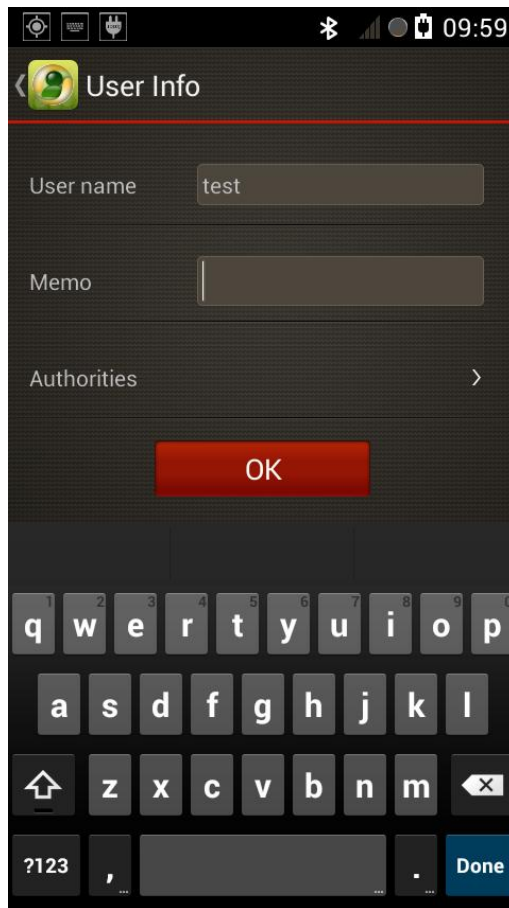


Figure 2-34

2.7.2.3.2 Personal information

- For admin account, it can search personal information, change admin password, add/delete fingerprint. See Figure 2-35.
- For general user, you can search current account information.

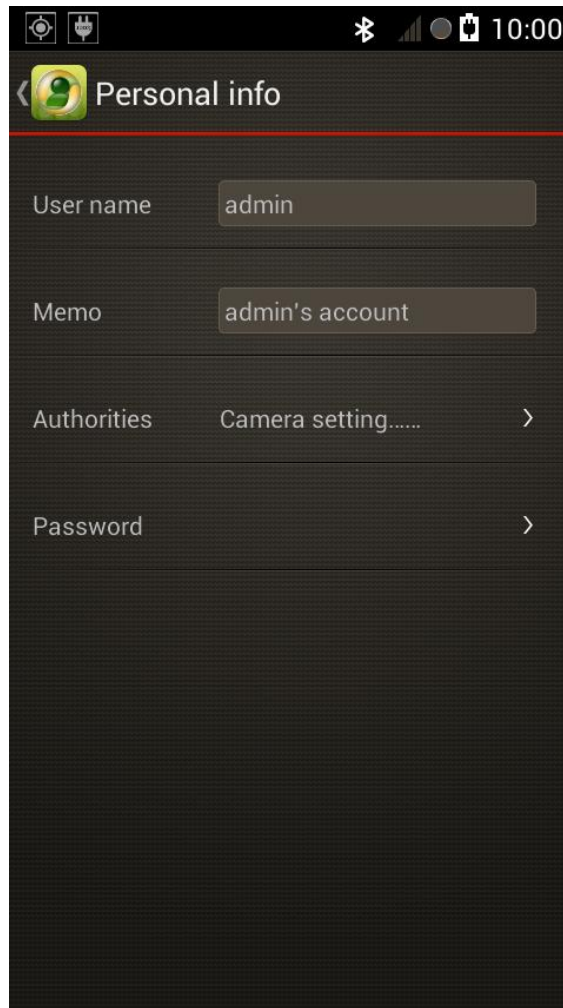


Figure 2-35

Click password, you can go to the password setup interface to change password and manage fingerprints.

2.7.2.3.3 Fingerprint module

Note

This function is for admin only.

It is to manage fingerprint module storage space, format fingerprint of corresponding user. See Figure 2-36.

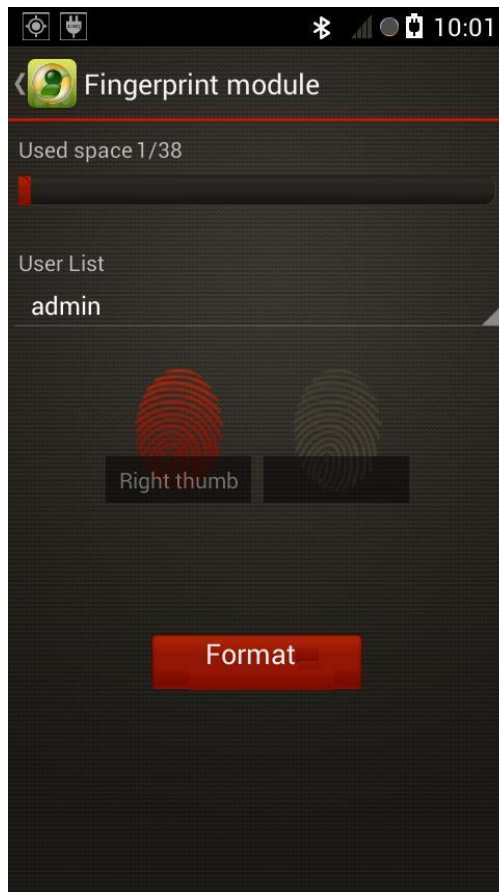


Figure 2-36

2.7.2.3.4 Password

You can change current login user password. See Figure 2-37.

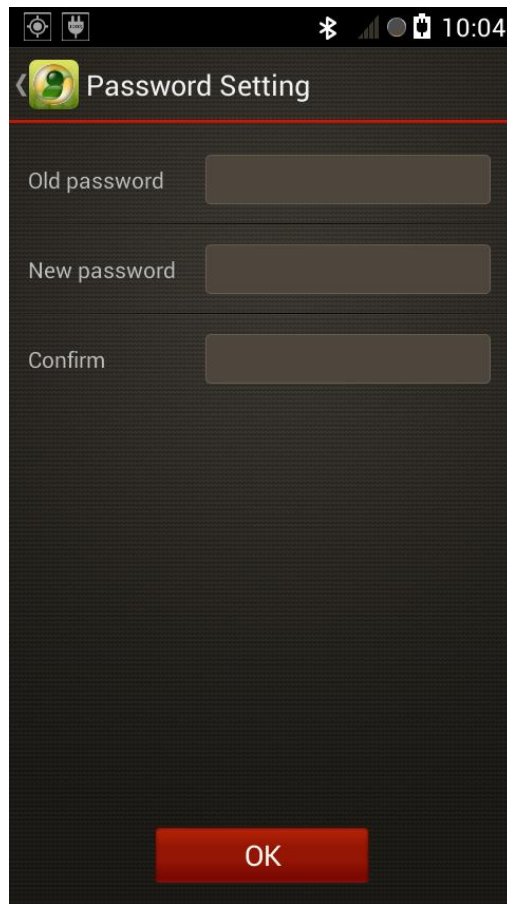


Figure 2-37

2.7.2.3.5 Fingerprint manager

Each user can max scan two fingerprints. You can scan your finger to login after you saved it. Click finger manage, you can go to the following interface. See Figure 2-38.

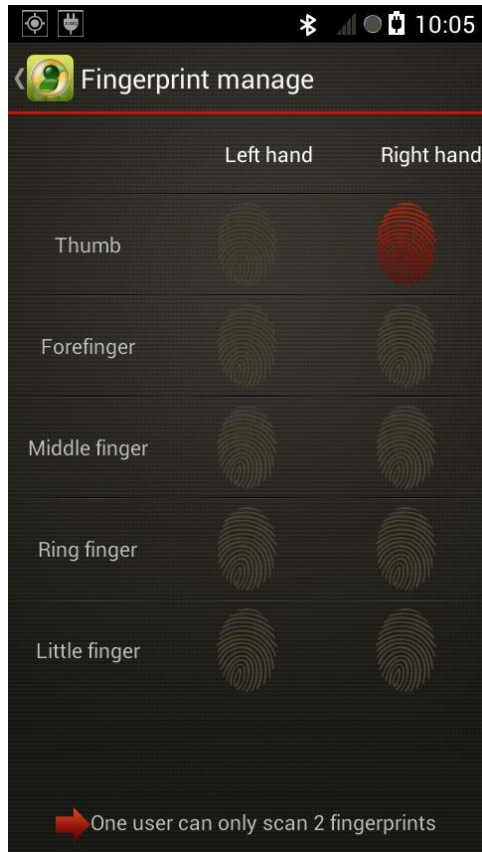


Figure 2-38

Follow the prompts to scan the fingerprint. See Figure 2-39.

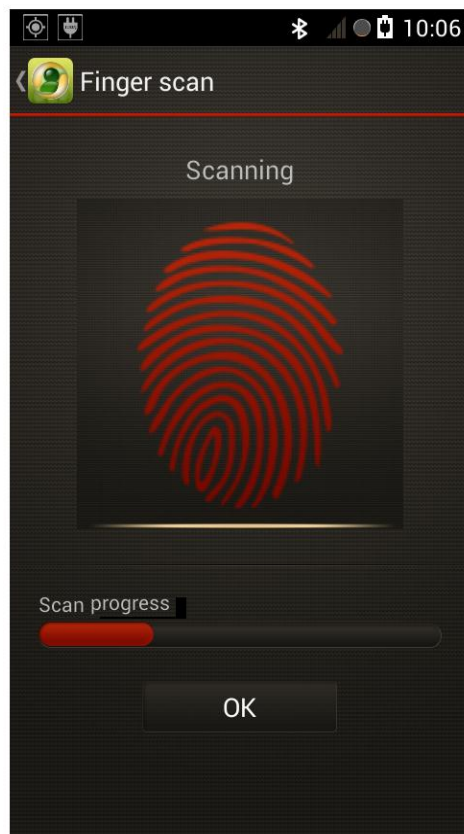


Figure 2-39

Put your corresponding fingerprint on the sensor (Refer to Figure 1-1 for detailed position), move from the top to the down. Follow the prompts on the process bar and then stop movement. See Figure 2-40.



Figure 2-40

Click Ok button, now the fingerprint scan is complete.
On the fingerprint list, the scanned fingerprint is shown as red.
Click one fingerprint on the list, you can delete it.

Important

The device can not save the same fingerprint twice. That is to say, once you have saved you fingerprint of the thumbnail, you can not save it again even though you login via other account.

2.7.2.3.6 Logout

It is to logout current user from the device.

2.7.3 System

From Settings->System, you can go to the system interface. See Figure 2-41.

Click an item, you can set and search corresponding parameters.

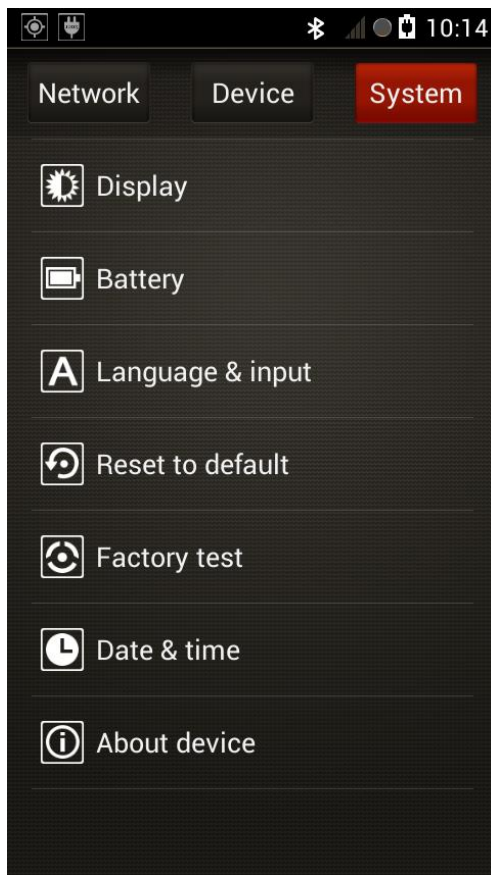



Figure 2-41

2.7.3.1 Display

Click  **Display**, you can go to the following interface. See Figure 2-42. It is for you to adjust screen brightness, sleep time and etc.

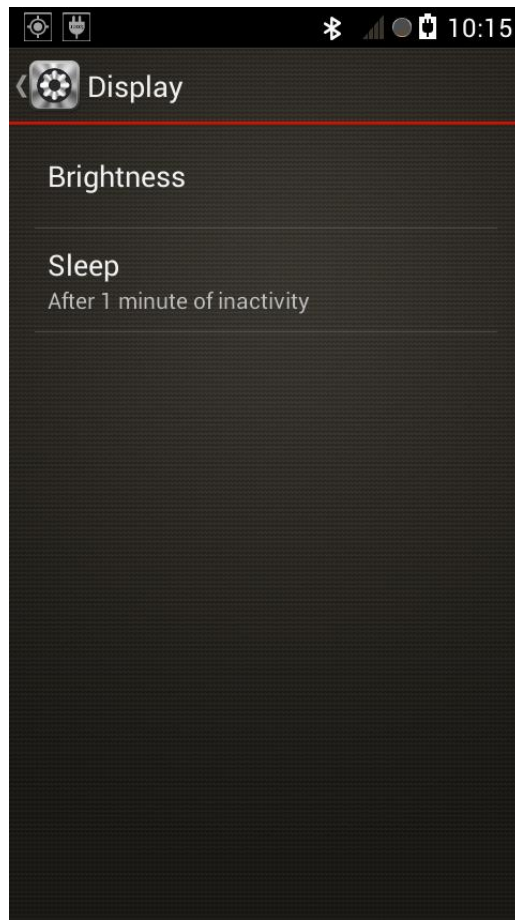



Figure 2-42

2.7.3.2 Battery

Click  **Battery**, you can go to the following interface. See Figure 2-43. It is for you to view current battery voltage and usage time.

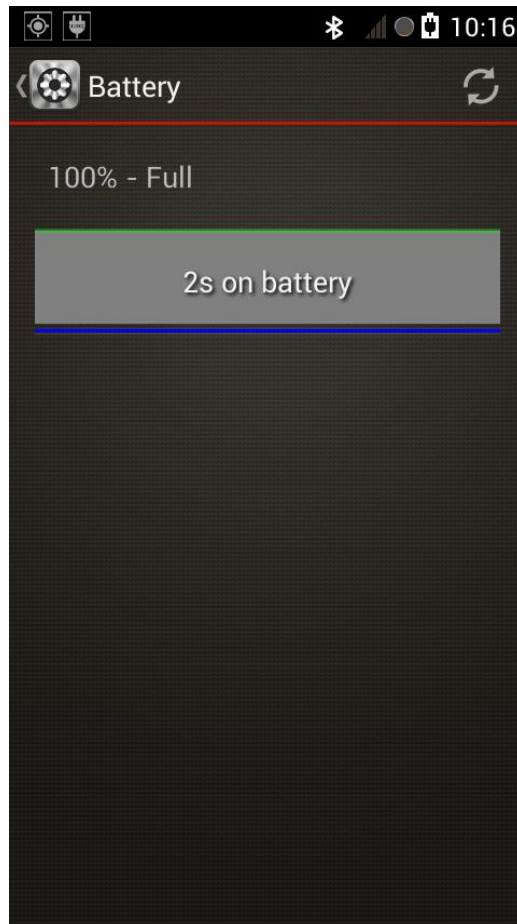


Figure 2-43

2.7.3.3 Language and Input Method

It is for you to set system language and input method.

Click **A Language & input**, you can go to the following interface. Here you can set language type and keyboard. See Figure 2-44.

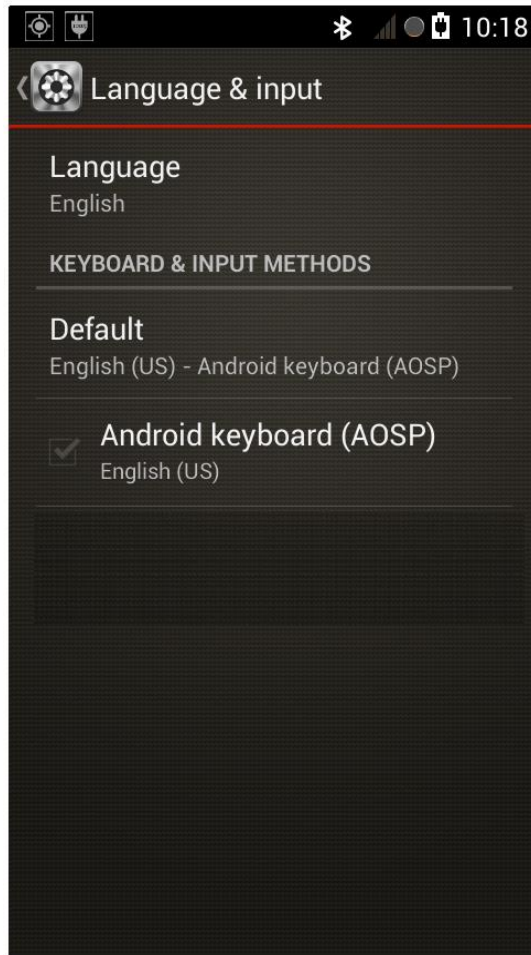



Figure 2-44

2.7.3.4 Default

It is to restore factory default setup.

Click  **Reset to default**, you can go to the following interface. See Figure 2-45.

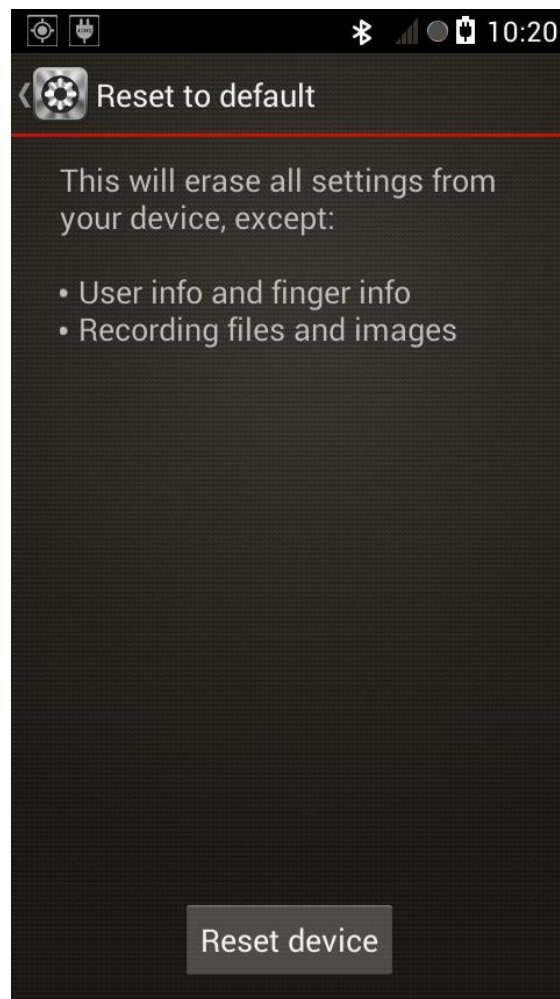


Figure 2-45

Click reset device button, system begins restoring factory default setup.

2.7.3.5 Factory test

The factory test interface is shown as below. See Figure 2-46.

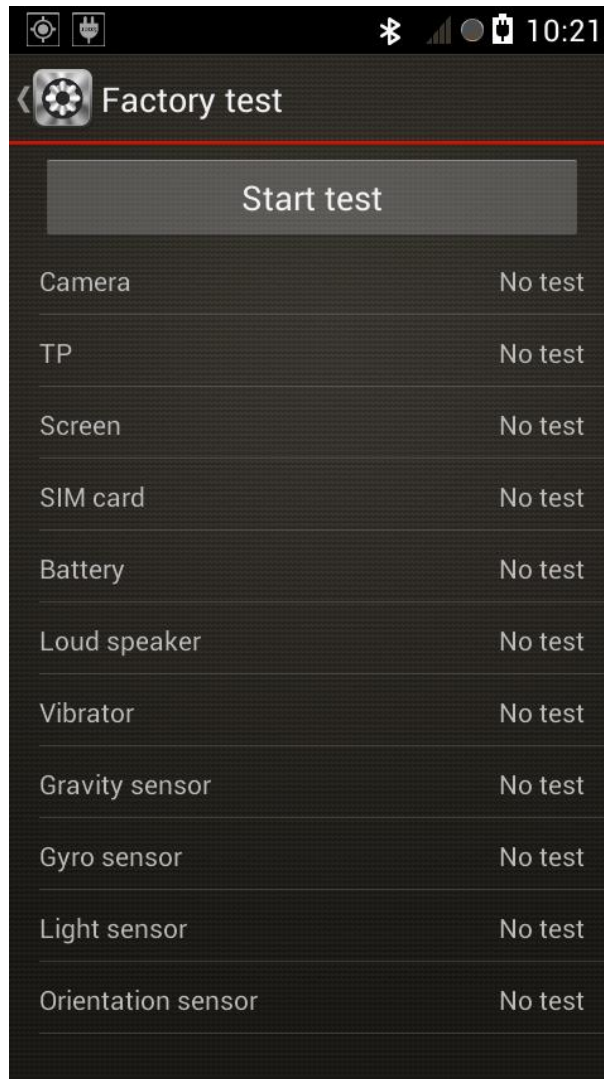



Figure 2-46

Click Start Test button, you can test each item on the list one by one.
Click the corresponding item; you can test the selected one.

2.7.3.6 Date and Time

It is for you to set device date and time.

Click  **Date & time**, you can go to the following interface. See Figure 2-47

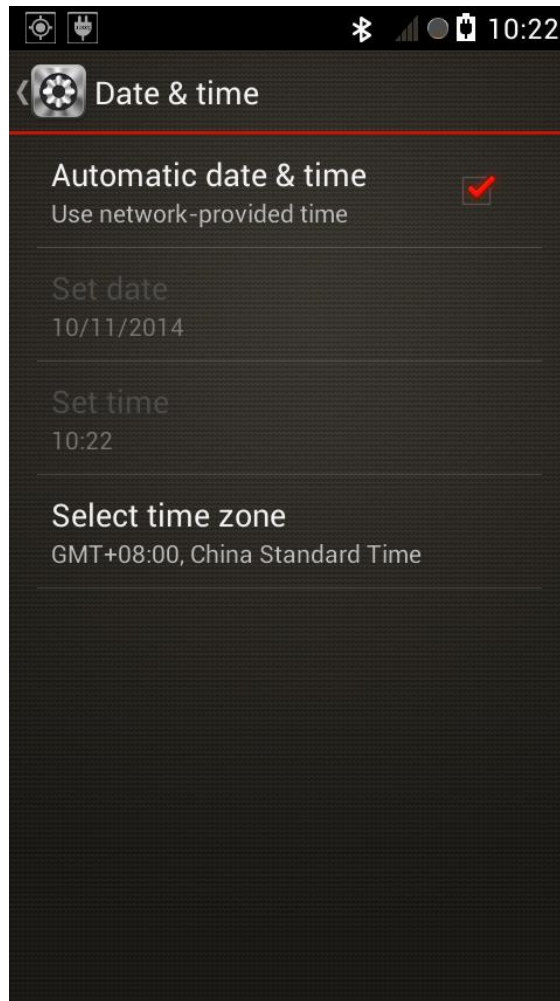


Figure 2-47


Check the box to select auto set date and time, device can sync time with the network.

Important

Please make sure the network connection is OK (such as 3G, 4G, WIFI and etc) if you want to use network sync function.

2.7.3.7 About Device

In this interface, you can view device status, type, SN and version.

Click  About device, you can go to the following interface. See Figure 2-48.

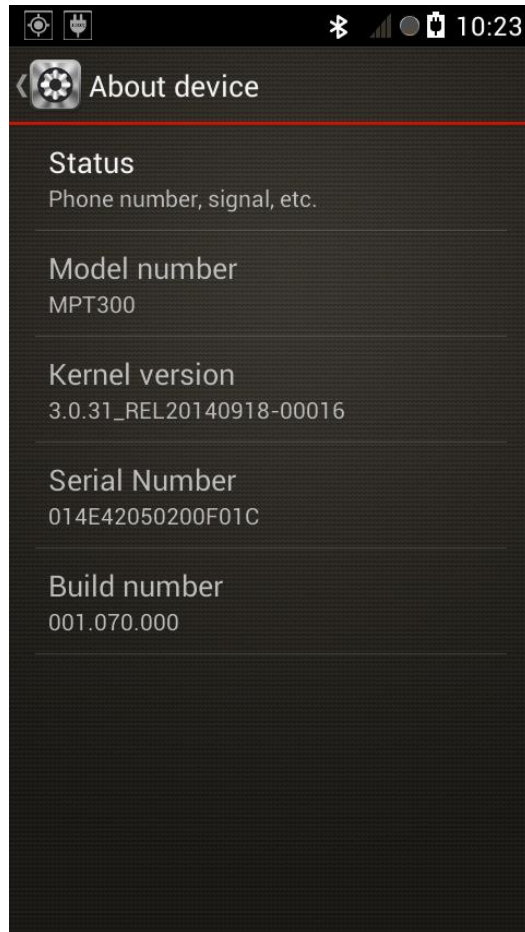


Figure 2-48

Please refer to the following sheet for detailed information.

Name	Function
Battery status	Current battery status such as power consumption, recharging status and etc.
Battery voltage	Current battery voltage.
Network	Current using network type such as CDMA.
Signal intensity	Network signal intensity
Mobile Network type	Data network type such as CDMA-EvDo rev.A: 6.
Service status	It is in the service status or not.
Roaming	Device is roaming or not.
Mobile network status	It is to display mobile network status, connected or disconnected.
My phone number	The mobile phone number after you inserted the SIM card.
MEID	It is to display mobile device international ID.
IMEI	It is to display the international ID of the mobile phone.
IMEI SV	It is to display IMEI version.
IP address	The connected router IP.
Wi-Fi MAC address	The connected WIFI MAC address.
Bluetooth address	The connected Bluetooth address.
SN	Device serial number.

Running time

The system running time after it booted up.

2.8 Log Manager

It is to search log information.



Click **Log Manager**, you can go to the following interface. See Figure 2-49.

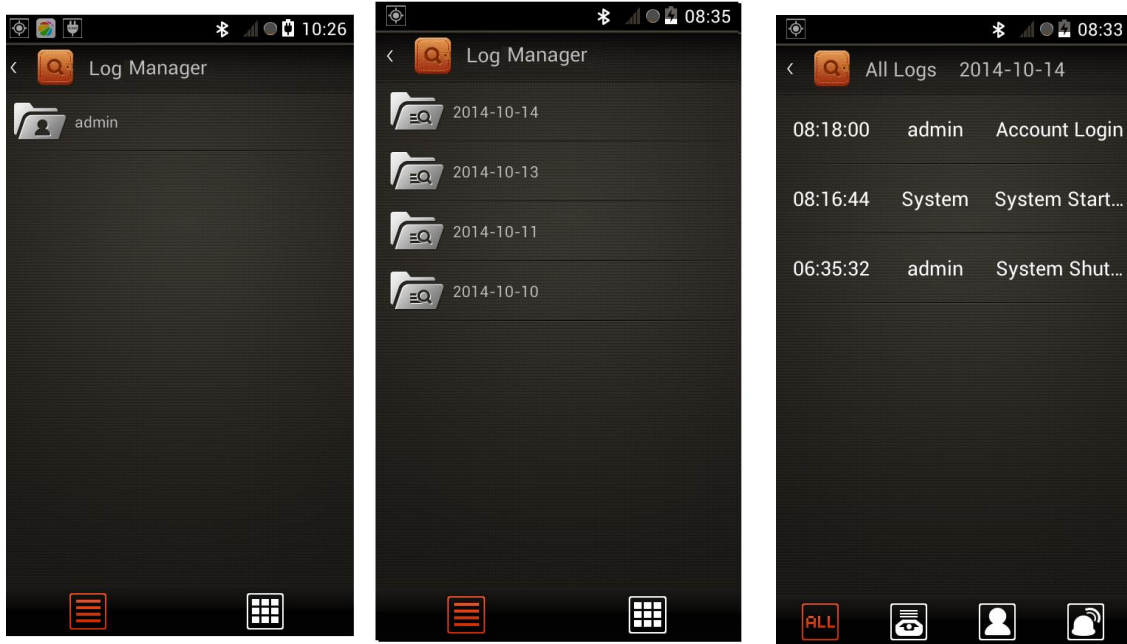






Figure 2-49

It is to display log type information.

-  , Display all logs.
-  , Display system logs.
-  , Display user logs.
-  , Display alarm logs.

2.9 Plate Recognition

Note


Plate recognition function is null, when device is recording, or the platform is searching record.

Click Plate recognition on the main interface, you can go to the snapshot interface to snapshot plate.

2.10 Alarm

On the right of the side pane, there is an alarm button. After you connected the device to the platform, it can upload the alarm information to the platform.

System can generate an alarm and save the log once it vibrates or fell down.

You can view the alarm on the billboard once there is an icon . Move down the billboard and then click the alarm message; you can go to the following interface. See Figure 2-50.

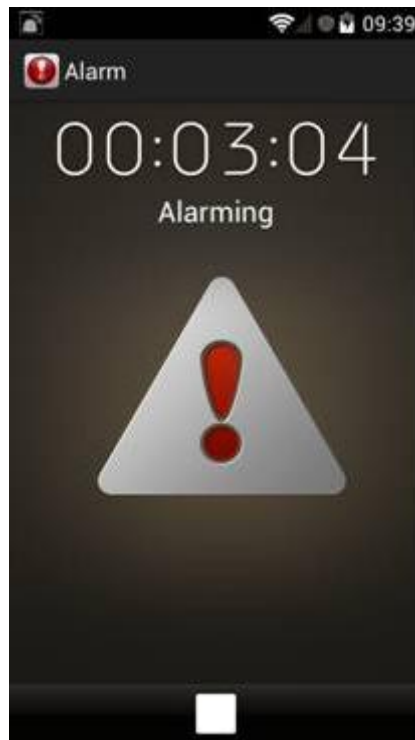
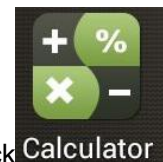
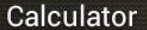



Figure 2-50

Click  to cancel the alarm.

2.11 Calculator



On the main interface, move the screen to go to the second page, click , you can go to the calculator interface.

Click , you can clear history record or advanced pane.

2.12 Calendar




On the main interface, move the screen to go to the second page, click **Calendar**, you can go to the calendarr interface.

3 Upgrade

Before you use the upgrade function, from the main interface->Settings->Device->Platform settings, please enable the platform function, and the local port shall be 37777.

You can use the upgrade tools included in the resources CD to update the device.

Open the upgrade tool, you can go to the main interface, click . System pops up the login interface. See Figure 3-1.

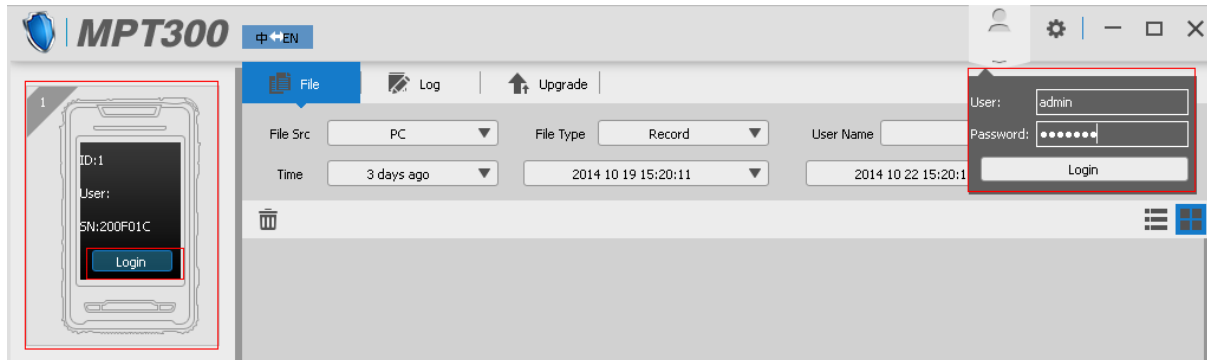


Figure 3-1

The default user name is **admin** and the password is **123456**.

Select a device you want to connect to on the left pane, and then click the Login button. System pops up the device login in dialog box. See Figure 3-2.

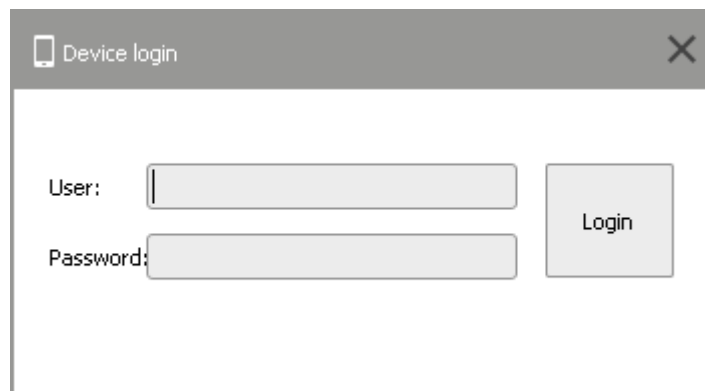


Figure 3-2

Input upgrade device user name and password, and then click login button. You can view current version after you successfully logged in. See Figure 3-3.

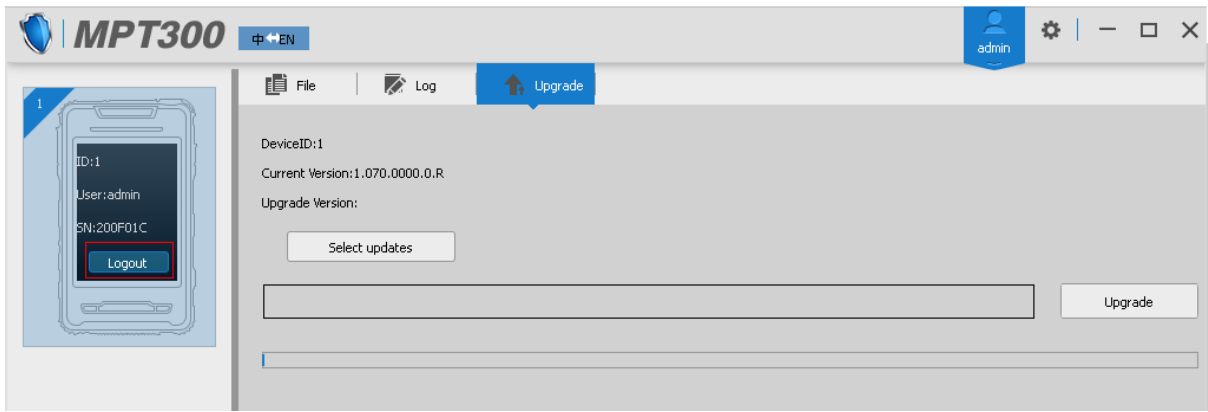
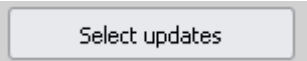
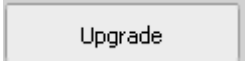


Figure 3-3

Click logout on the left pane, you can disconnect the software and then upgrade device.

Click  button to select the software and then click  button.

Now you can view the following interface during the upgrade process. See Figure 3-4.

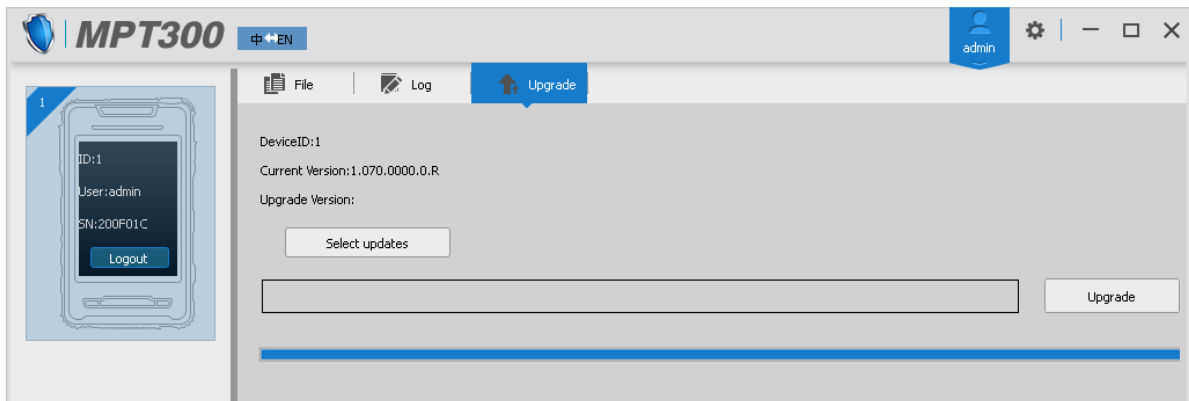


Figure 3-4

You can view the following icon on the MPT. See Figure 3-5.



Figure 3-5

Click it; you can see an interface shown as in Figure 3-6.



Figure 3-6

Now you can see the following interface, please click OK button. See Figure 3-7.



Figure 3-7

System needs to reboot to complete the upgrade process.

4 Platform Connection

You can control and manage MPT device via DSS.

4.1 MPT

Please follow the steps listed below.

- 1) Please make sure the network connection is OK and MPT device is online so that it can be added to the platform.
- 2) On the MTP device, from Settings->Device->Platform, you can go to the following interface to input parameters. See Figure 4-1.

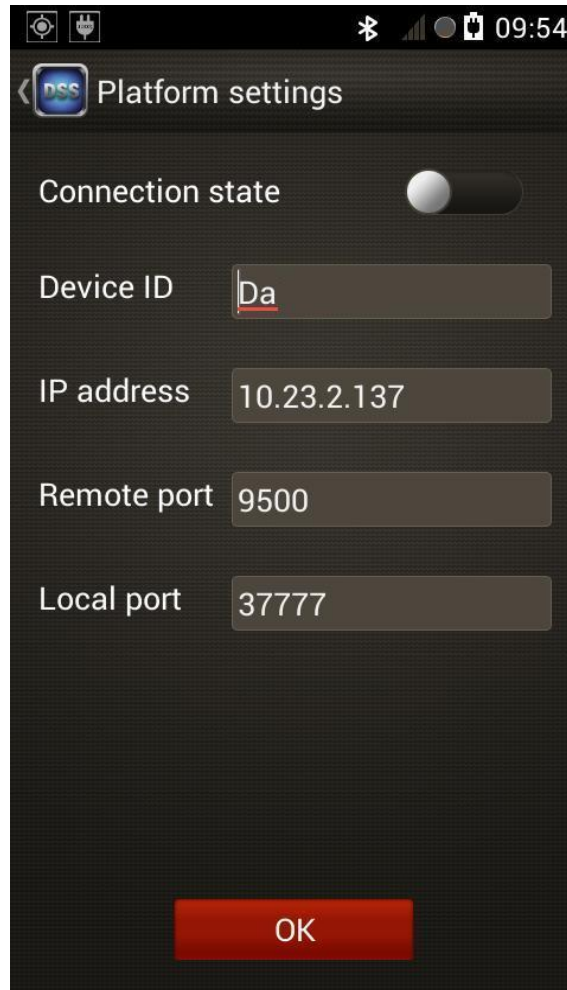


Figure 4-1

Please refer to the following sheet for detailed information.

Item	Function
Connection state	Enable/disable device connection to the platform server.
Device ID	Input customized device ID on the platform server. Please make sure It is the same as the platform.
IP Address	Input platform server IP address.
Remote Port	Input platform server listening port. The default setup is 9500.
Local port	Input device listening port. The default setup is 37777.

- 3) Enable platform connection function.


4.2 DSS

Please follow the steps listed below to login the DSS.

- 1) Login DSS manager end and then from General->Device->Device->Encoder, and then click Add button, you can see the following interface. See Figure 4-2.

Figure 4-2

Please refer to the following sheet for detailed information.

Item	Function
Add Type	Please check the box to enable auto register function.
Proxy port	The value ranges from 1 to 65535.  Important The proxy port of each device is unique. It shall not be the same as the port of other device.
Registration ID	It is the same as the device ID in Figure 4-1.
User name/password	It is the same as the mobile portable terminal device. The user name is admin and the password is 123456.

Device name	Input customized device name.
Device type	Please select mobile portable terminal from the dropdown list.
Video channel	The value is 1.
Alarm input channel	The value is 1.

Click OK button to complete the add process.

5 FAQ

Login

Q: For the new user, I want to know the default account.

A: The default user name is admin and the password is 123456.

UI

Q: How to delete the App from the third party.

A: Press the App icon on the screen for a long time and then you can see a delete icon. Click it to delete the App.

Q: The touch screen interface is distorted when the device is recharging.

A: The problem results from the poor-quality recharger. Please use our default recharger.

File manage

Q: The file manage interface is loading file all the time.

A: Click Home and then open the file manage again.

Q: The image is blurry when I open the file manage.

A: Reboot the device, and then open the file again.

Q: The screen becomes black when I use the file manage to play the video file.

A: Reboot the device, and then open the file again.

Record audio

Q: MIC record pointer does not move.

A: Reboot the device and then record audio again.

Q: Bluetooth record pointer does not move.

A: Disable and then enable the Bluetooth again.

Q: There is no audio when I use Bluetooth bidirectional talk or I play the audio.

A: Disable and then enable the Bluetooth again.

Setup

Q: How to set an APN?

A: From setting->Network->Data->Mobile network->Connection name (APN), click the three-point icon at the right bottom corner. Click new button (please contact your SIM card operator for detailed APN information.)

Q: How to set a VPN?

A: From setting->Network->Data->VPN, click add VPN configuration file (please contact your VPN operator for detailed information.)

Q: VPDN network is offline?

A: From setting->data->Mobile network->Connection name (APN), change APN name password (Please contact your operator for the name and password). For the rest items you can use default setup. Click Save button.

Q: GPS function is null.

A: Take the device to the outside environment, open GPS for about one minute and a half. You can see the GPS function is valid now.

Q: My device can not recognize my inserted external TF card.

A: Insert the TF card on the computer and then format to FAT32. Now insert it on the device.

Q: Device dial function failed.

A: There are the two possibilities:

- There is no SIM card. Please check the SIM card position.
- There is no APN. Please set the proper APN.

Q: The device screen can not work.

A: Unplug the power cable; press the power button of the device.

Q: I can not cancel the Bluetooth pair.

A: Disable the Bluetooth function and then enable again.

Platform

Q: My device has not shown as online after I set the platform information.

A: Usually, there is about one minute delay after you set the platform information. If it is still offline after you wait for a long time, please disable the platform connection and then enable again (Setting->Platform->Platform connection).

Q: How can I search the device record on the platform?

A: Please follow the steps listed below.

- Select the search record on the device (the default setup is search the record on the platform.)
- Select the device channel you want to search.
- Select date and then click search button.
- ✧ If system pops up the dialogue box "Please set at least one channel", please select a device channel you want to search.
- ✧ If system pops up the dialogue box "There are no results to display". Please make sure you are searching the record on the device instead of the platform center. There is record file on the specified period.

Q: The video is not fluent when I use the real-time monitor function.

A: Please go to the Settings->Camera->Net encode->Built-in camera, you can set the video quality as VGA (640*480), bit stream value is 1Mbps or 512Kbps or lower.

Q: Device is not on the platform I registered.

A: Check the 3G/4G/WIFI network connection is OK or not. Check the auto register device ID is the same as the platform setup or not. Check platform address, port setup and etc. Check platform user name and password is right or not (device default user name is admin and password is 123456.)

Q: The platform cannot open the bidirectional talk function.

A: Check bidirectional talk setup is right or not. (The sampling rate is 8K, sampling bit is 16bits, and audio format is AMR).

Q: I can not upload the device alarm to the platform.

A: Please go to the platform to set alarm scheme.

Q: During the bidirectional talk process; there is too much noise on the device-end.

A: Update platform ocx controls or update client to the latest version.

Pedestal recharge

Q: The network cable connection is OK but I cannot recharge.

A: There are following two possibilities.

- Router or switch is not the PSE device, it does not support PoE function.
- The device temperature is too high. Do not let the device at full load..

Q: The red power indicator light of the recharger pedestal is off.

A: Please check power cable connection. Please make sure the miniusb or the cable connection is right.

Q: The Ethernet port of the recharge pedestal can not backup the data?

A: There are following two possibilities.

- Check network cable connection.
- Device and pedestal connection is not tight. Unplug and then insert again. Make sure the pedestal indicator light is green.

Others

Q: I can not find the battery on the accessories bag.

A: The battery is beneath the clip and the cable.

Q: I can not recharge the device,

A: There are following two possibilities.

- Check the recharger and device connection.
- Device temperature is too high. Do not let the device at full load.

Q: I can not boot up the device.

A: There are following two possibilities.

- There is no battery.
- There is no power.

Q: Plate recognition is wrong.

A: Make sure the light condition is good and then put the plate on the rectangle of the interface to snap.

Q: Device can not indicate the south and north direction.

A: Hold you device and then move hand to draw “8”.

Q: Camera video is not clear.

A: Use clean cloth to clear the lens.

User manage

Q: How can I scan the fingerprint?

A: From user manage->personal information->password-Fingerprint, select the finger type and then follow the prompt to move the finger from top to the down several times to scan. When the process bar is full and become red, click the OK to exit.

Camera

Q: After I install the camera from the third-party, why the setup is not valid (Settings->Device->Camera)?

A: The setup here is only for the device built-in device.

Q: After I restored the default setup, I changed the camera setup. But I found the setup was null after I went to the camera interface. Why?

A: After you restored the default setup, you need to go to the camera interface first and then exit. Now you can change the camera setup and then save the new settings.

Q: The camera disturbed by the environment or there is illegal operation.

A: Reboot the device.

Appendix Toxic or Hazardous Materials or Elements

Component Name	Toxic or Hazardous Materials or Elements					
	Pb	Hg	Cd	Cr VI	PBB	PBDE
Structural Member	○	○	○	○	○	○
Circuit Board	○	○	○	○	○	○
Internal Wire and Cable	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

Note

O: Indicates that the concentration of the hazardous substance in all homogeneous materials in the parts is below the relevant threshold of the SJ/T11363-2006 standard.

X: Indicates that the concentration of the hazardous substance of at least one of all homogeneous materials in the parts is above the relevant threshold of the SJ/T11363-2006 standard. During the environmental-friendly use period (EFUP) period, the toxic or hazardous substance or elements contained in products will not leak or mutate so that the use of these (substances or elements) will not result in any severe environmental pollution, any bodily injury or damage to any assets. The consumer is not authorized to process such kind of substances or elements, please return to the corresponding local authorities to process according to your local government statutes.

Note

- **The user's manual for reference only. Slight difference may be found in user interface.**
- **All the designs and software here are subject to change without prior written notice.**
- **All trademarks and registered trademarks mentioned are the properties of their respective owners.**
- **If there is any uncertainty or controversy, please refer to the final explanation of us.**
- **Please visit our website for more information.**