

Mobile Portable Terminal Quick Start Guide

Table of Contents

1	Product Introduction.....	1
1.1	Overview	1
1.2	Packing List	1
2	Structure and Installation	2
2.1	Device Structure	2
2.2	Indicator Lights	3
2.3	Shoulder Knot and Back Clip Installation.....	3
3	Basic Operation	5
3.1	Boot up/Shut down	5
3.2	Initialization	5
3.3	Main Interface.....	8
3.4	Record	8
3.4.1	Record Video	8
3.4.2	One Tap to record	10
3.4.3	Focus.....	10
3.4.4	Mark the important record.....	10
3.5	Photos.....	11
3.5.1	Photos	11
3.5.2	Snapshot.....	11
3.6	Record Audio.....	11
3.6.1	Record Audio	11
3.6.2	One Tap to Record Audio	12
3.7	Switch	12
3.8	Record Audio&Video at the Same Time	13
3.9	Data Transmission.....	13
4	SIM Card and Battery Installation	14
4.1	SIM Card Installation.....	14

4.2	Replace Main Battery.....	16
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Welcome

Thank you for purchasing our mobile portable terminal (MPT)!

This quick start guide 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.
- An apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.
- Use a power supply which meets the requirements for SELV (Safety Extra Low Voltage) and complies with Limited Power Source according to IEC 60950-1. Refer to the device label for detailed information.
- 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.
- Always transport, store, operate the mobile portable terminal in the specified working humidity and working temperature.

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!
- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
- DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.



Caution

- Please set a password for **admin** if it is your first time to use the device. Change the password regularly to enhance device data safety.
- Note that the security and other related issues caused by the unchanged password shall be responsible for the user.
- Set password for your wireless network if you use the device with a wireless router. Being not protected with password or using the default wireless router password may expose your data to potential threat.

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 integrates audio/video record, snapshot together.

1.2 Packing List

Please check there is any visible damage after you received the product.

Please check according to the following accessories list.

Name	Quantity
Device	1
Shoulder knot	1
Back clip	1
USB cable	1
Micro USB to Mini USB cable	1
Battery	1
Power adapter	1
Quick Start Guide	1
CD	1

2 Structure and Installation

2.1 Device Structure

Please refer to the following figure for general structure information. See Figure 2-1 through Figure 2-3.

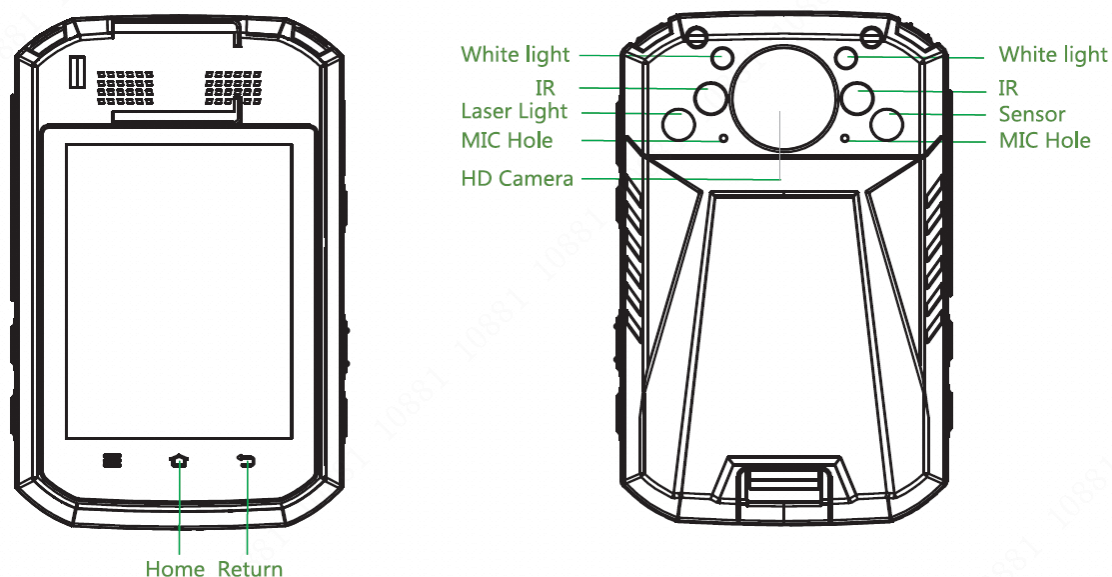


Figure 2-1

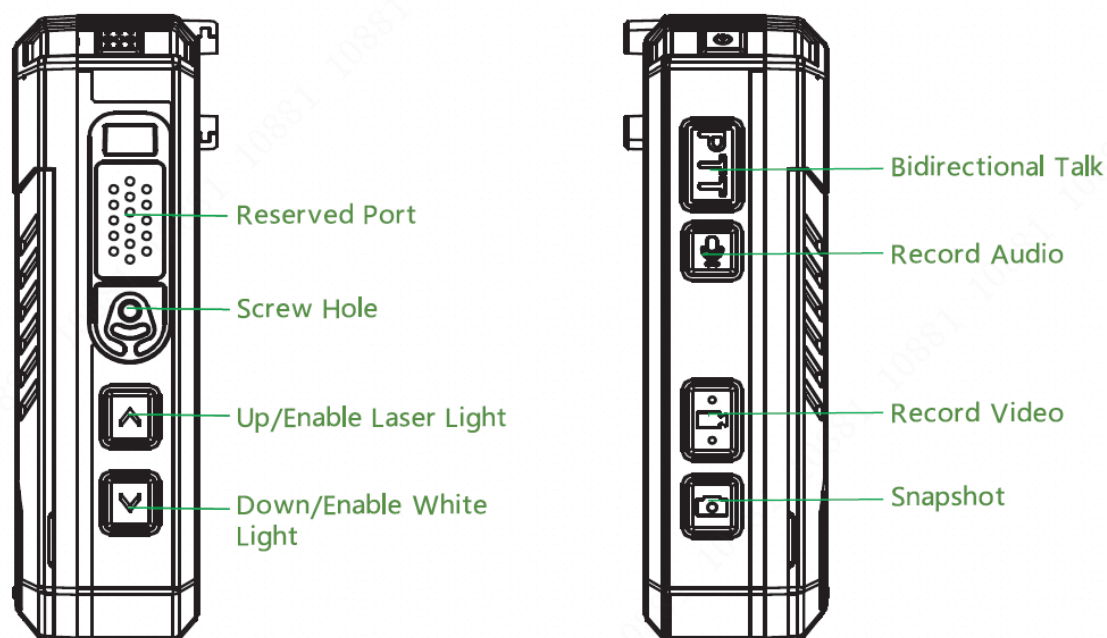


Figure 2-2

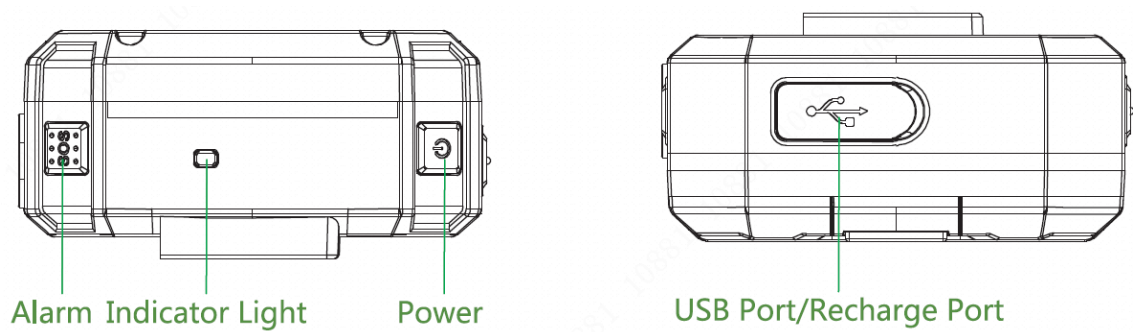


Figure 2-3

2.2 Indicator Lights

When device is in different working statuses, the indicator lights have different statuses.

Working Status	Indicator Light	Working Status	Indicator Light
Standby	Green light is on.	Record audio	Yellow light flashes.
Standby when power voltage is smaller than 5%.	Red light is on.	Recharging	Red light is on.
Record video	Red light flashes.	Battery is full when recharging.	Green light is on.
Snapshot	Red light flashes.	Platform is pulling the stream.	Blue light flashes.

2.3 Shoulder Knot and Back Clip Installation

Step 1 Install back clip. See Figure 2-4.

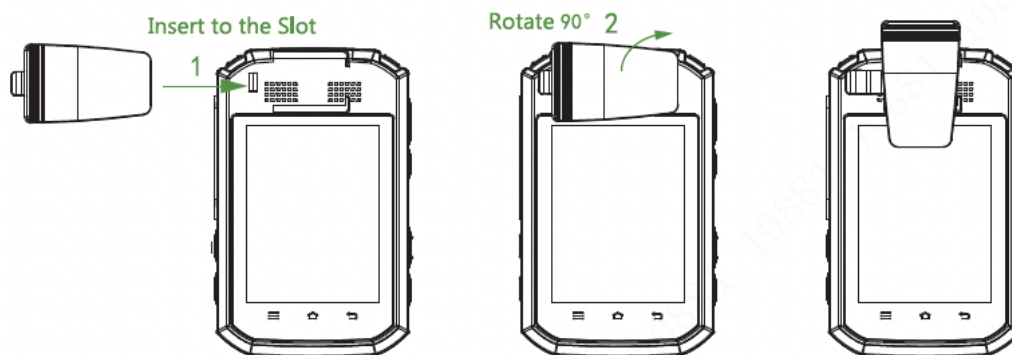


Figure 2-4

Step 2 Install shoulder knot. See Figure 2-5.

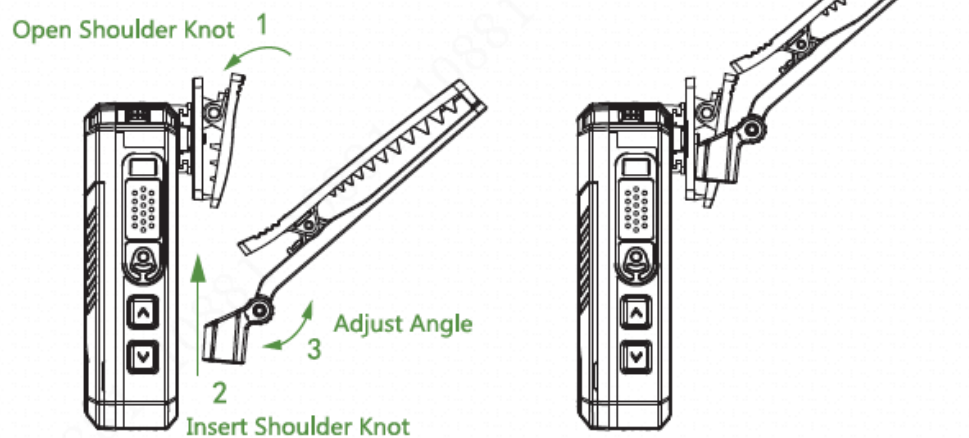


Figure 2-5


Step 3 Install the shoulder knot on the shoulder.


3 Basic Operation





3.1 Boot up/Shut down



Note

When device is running, press  for 10 seconds, it is to forcefully reboot the device.

Press  on the top panel of the device, it is to boot up, shut down or inactive the device.

- When device is shut down, press  to boot up device.
- When device is running, press . Select shut down and then confirm, it is to shut down the device.
- When device is running, press . Select reboot then confirm, it is to reboot the device.
- When device is running, tap  to inactive the device. Tap again to activate the device.

3.2 Initialization

If it is your first time to use the device, please set device login password and at least three security questions. Once you forgot password, go to Setup->System->Modify password and click forgot password, answer the security questions to reset login password.

Step 1 When device is shut down, press  for a long time to boot up device.

Enter language setting interface. See Figure 3-1.

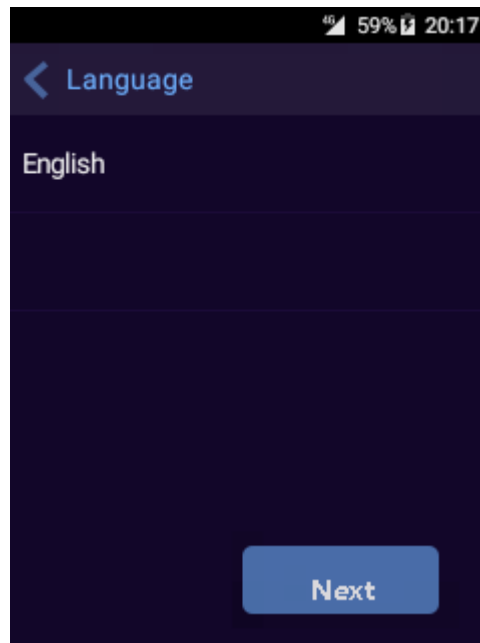


Figure 3-1

Step 2 Select a language and click Next.

Enter reset password interface. See Figure 3-2.

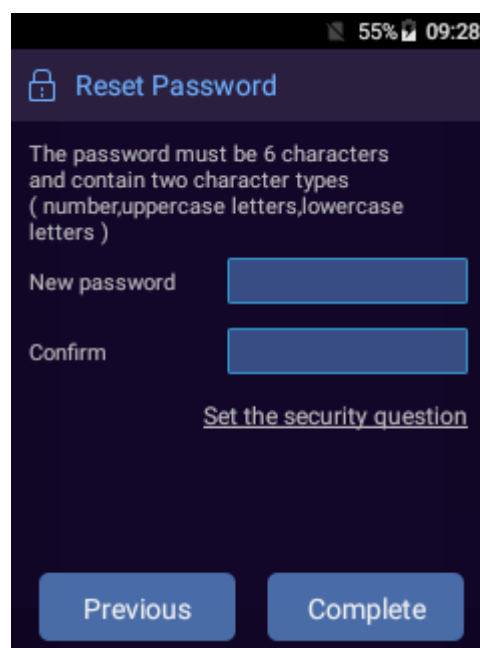


Figure 3-2

Step 3 Input new password and then confirm.

Step 4 Click to set security questions.

Enter the following interface. See Figure 3-3.

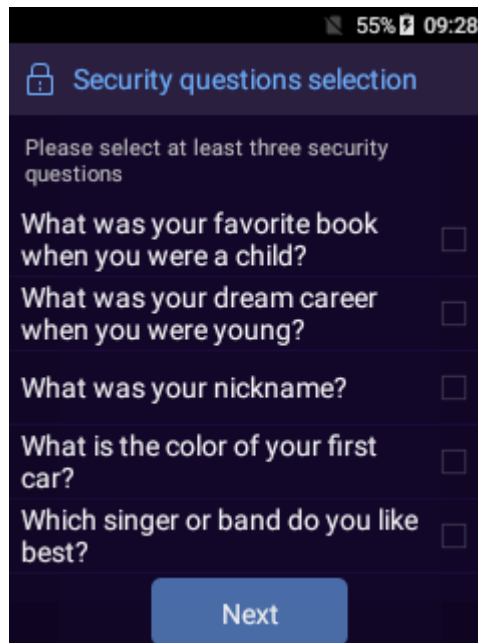


Figure 3-3

Step 5 Select at least three security questions and then click the Next button.

Step 6 Input security question answers and then click Save.

System prompts successfully saved answers and then goes back to reset password interface.

Step 7 On reset password interface, click Finish button.

System prompts successfully modified password and then goes to the preview interface. See Figure 3-4.

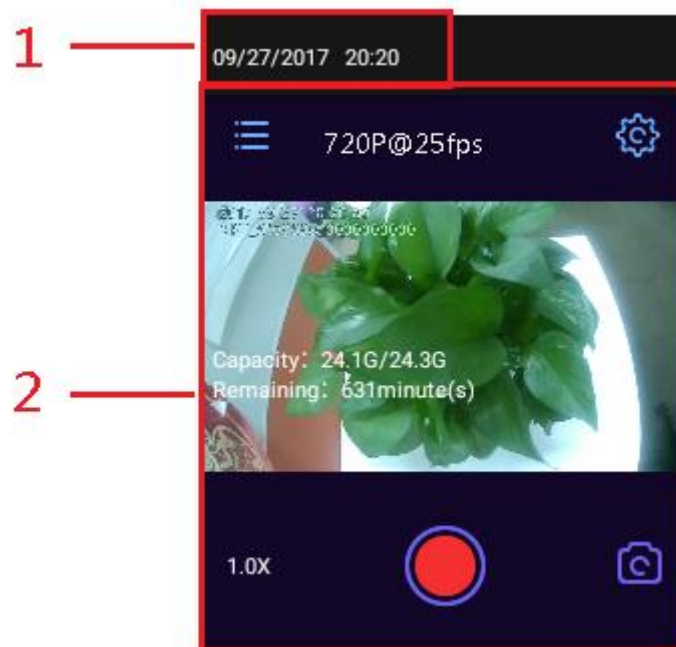




Figure 3-4

Please refer to the following sheet for detailed information.

SN	Name
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SN	Name
1	Display device system time.
2	Preview interface.

3.3 Main Interface

On preview interface, tap  or  to go back to the main interface. See Figure 3-5.

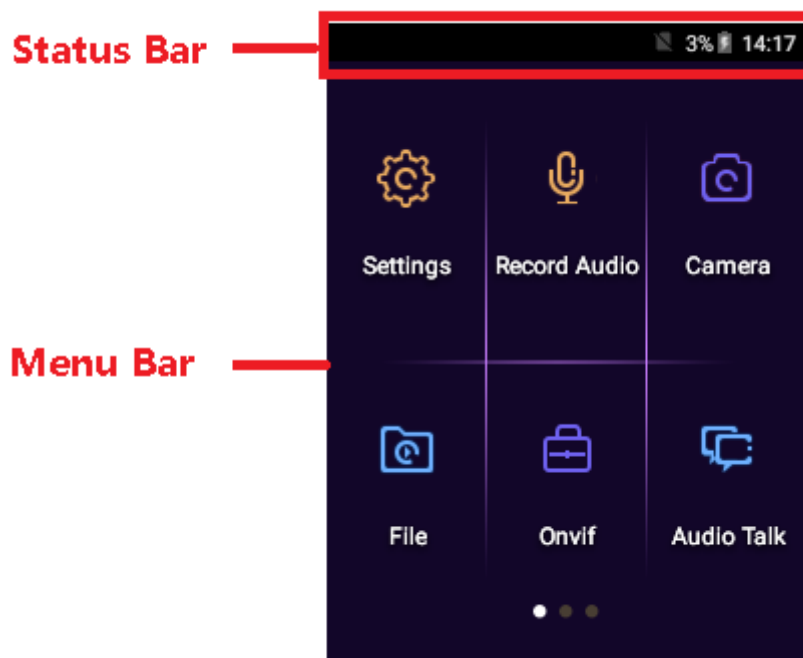



Figure 3-5

- Status bar is to display message, working status, carrier status. Click the status bar and pinch to view time, date and battery voltage. Tap  to go to the device setup interface.
- Flick menu bar to left or right to go to the previous/next page.

3.4 Record

3.4.1 Record Video

After you initialize the device, device enters preview interface by default. See Figure 3-6.

Tap  to record video, tap  again to stop record.

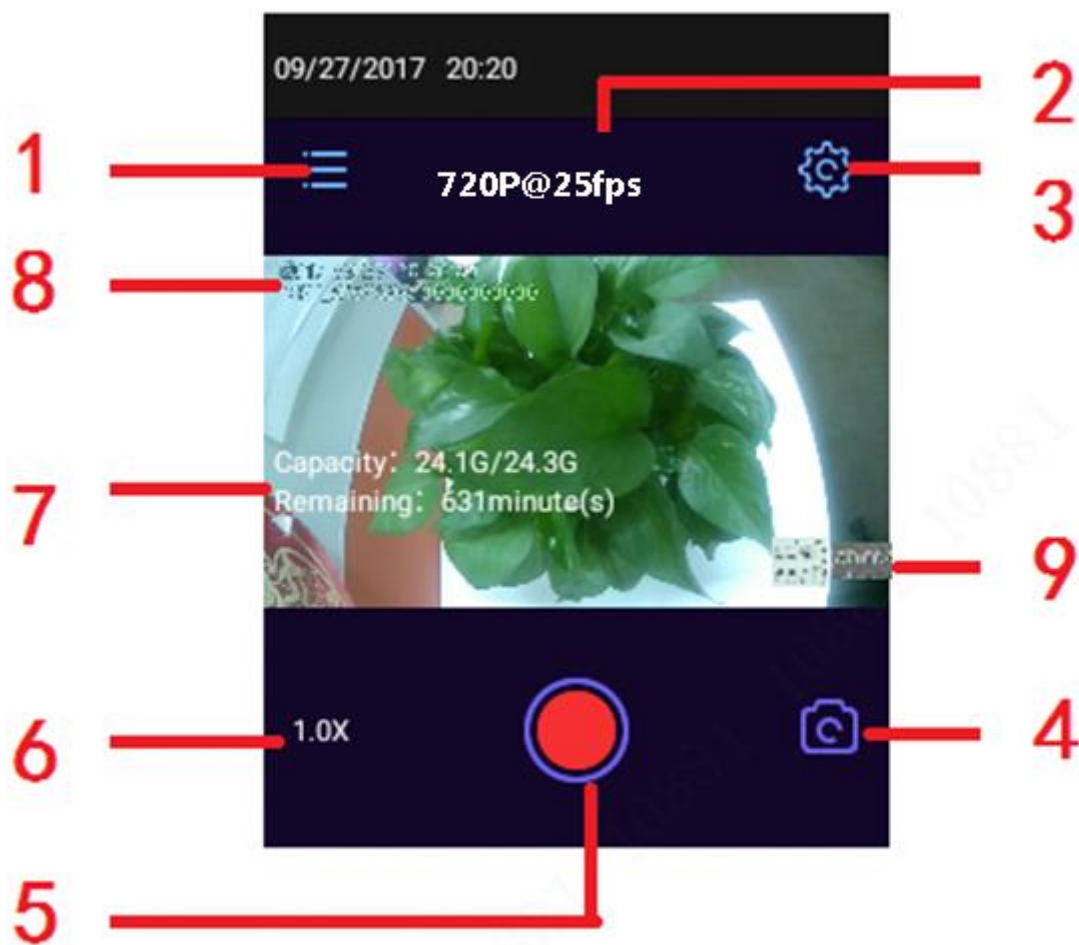





Figure 3-6

Please refer to the following sheet for detailed information.



SN	Function
1	Tap the icon and input login password. It is to manage the file.
2	Display video quality. Note It is to display image resolution in snapshot mode.
3	Tap the icon to set parameters. In record mode, tap the icon to set video quality, pre-record time, post-record time. In snapshot mode, tap the icon to set image resolution, continuous snapshot amount and snapshot sound.
4	Tap to switch to snapshot mode. Note In snapshot mode, tap to switch to record mode.
5	Tap the icon to start recording. Tap the icon again to stop recording. Note In snapshot mode, tap to snapshot.

SN	Function
6	Tap the screen, it pops up focus bar. Drag the bar to zoom in at x1.0~x8.0.
7	<p>It is to display device free space/total space, remaining recording period.</p> <p> Note In different video resolution, the remaining recording period is not the same. In snapshot mode, it is to display device free space/total space, remaining snapshot amount.</p>
8	<p>It is to display date, time, serial number, police officer SN and GSP information.</p> <p> Note</p> <ul style="list-style-type: none"> ● If you want to overlay GPS information, make sure you have enabled location function and GPS function. Go to Setup->Network->Location to enable location function and go to Setup->Device->OSD->GPS to enable GPS function.
9	<p>Display customized OSD information.</p> <p> Note</p> <ul style="list-style-type: none"> ● Device max supports two customized messages. Please use the PCTool to set OSD information and enable customized information function. ● Use USB cable to connect device and PC, boot up PCTool. Input password and then confirm, now you can set OSD information (length shall be less than 40-digital.). ● Go to Setup->Device->OSD->Customized information to enable customized information function.

3.4.2 One Tap to Record Video

When device is sleeping, tap , device begins recording video and goes to preview interface. Tap  again, device stops recording video.

3.4.3 Focus

On the preview interface or the record process, press  or , or tap the screen, there is a focus bar. Drag the focus bar, it can zoom in or zoom out the video by X1.0~X8.0.

3.4.4 Mark the important record



During the recording video process, press , it is to mark the important video file. The important file extension name is IMP. There is a yellow mark “★” at the top right corner on screen See Figure 3-7.



Figure 3-7

3.5 Photos

3.5.1 Photos



On preview interface tap  or tap snapshot button . The device generates shutter sound. The working indicator light flashes and system prompts successfully snapshot.

3.5.2 Snapshot

When the device is sleeping, tap  to snapshot an image and enters photo preview interface.

3.6 Record Audio

3.6.1 Record Audio

On any interface, tap , device begins recording audio. Or on the main interface, tap . Device enters following interface. See Figure 3-8.

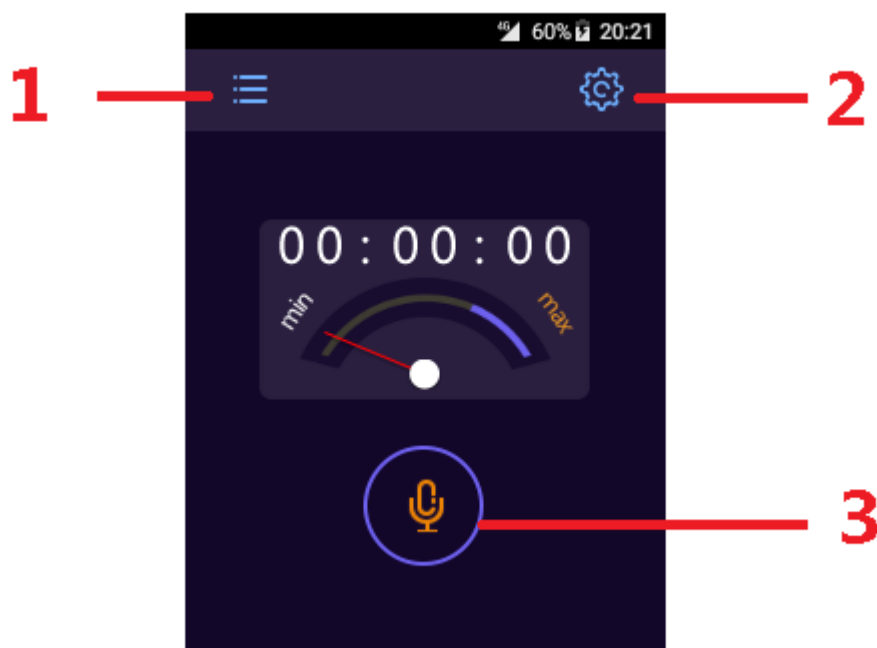





Figure 3-8

SN	Function
1	Tap the icon and then input password to manage file.
2	Tap the icon to set audio format and file format. <ul style="list-style-type: none"> ● Audio format: AAC, G.711A, AMR. ● File format: dav, aac. Note <ul style="list-style-type: none"> ● When record file type is MP4, the record audio mode cannot be AMR. ● During recording audio process, icon 1 and 2 are hiding.
3	Tap the icon, device begins recording audio. Tap  , device stops recording audio. System prompts the audio recording process is end and file is saved.

3.6.2 One Tap to Record Audio


When device is sleeping, tap , device begins recording audio. Tap  again, device stops recording audio.

3.7 Switch

Note

On record interface, the switch function is on when record audio/video function is disabled.



- When device is recording video, tap , device stops recording video and switch to record audio status.

- When device is recording audio, tap , device stops recording audio and switch to record video status.

3.8 Record Audio&Video at the Same Time

Note

Make sure you have enabled record audio/video at the same time. Go to the Device->Record interface to change the settings.

- When device is recording video , tap , device starts recording audio at the same time.
- When device is recording audio, tap , device starts recording video at the same time.

3.9 Data Transmission

The device supports PCTool and data acquisition station to upload data.

Note

After device begins USB communication, it stops all wireless function, white light and IR light is off too. Device cannot enable white light or IR light. Current record audio/video function automatically stop too. After disconnect USB connection, device cannot automatically resumes record audio/video state.

- After boot up the device, use USB cable to connect device to the PC and boot up PCTool. Input a password and then confirm to download the data.
- After boot up the device, connect device to the USB port of the proper data acquisition station. The data on the device can be automatically uploaded to data acquisition station. If there is proper display, please remove the device and then connect again.

4 SIM Card and Battery Installation

This series product support 5V/2A DC power recharge. When the battery power is low, please recharge in time.

- When the device has the main battery, the interface displays main battery voltage.
- After remove the battery, device prompts the main battery has been removed, please replace in time! Device cannot enable white light, IR function. And the WLAN, location, Bluetooth, NFC item becomes null. After installed the main battery, device prompts main voltage restores.



Caution

- After removing the main power, the built-in battery may die in the end if there is no external power sourcing. Please recharge device first and the recharge period shall be equal to or more than 4 hours.
- Recharge the battery again if the device is not in use for a long time.
- Device generates low voltage alarm when the device voltage is $\leq 5\%$.
- Device automatically shuts down when the power runs out.

4.1 SIM Card Installation



Caution

SIM card and then peripheral accessories do not support hot swap function. It becomes activated after device reboots.

Shut down the device before install the SIM card, otherwise it may result in device damage.

Step 1 Use one hand to pull down the battery cover tray on the back of the device, use the thumb of the other hand holds the tray on the any side of the device. Follow the directions on Figure 4-1 to remove the battery cover.

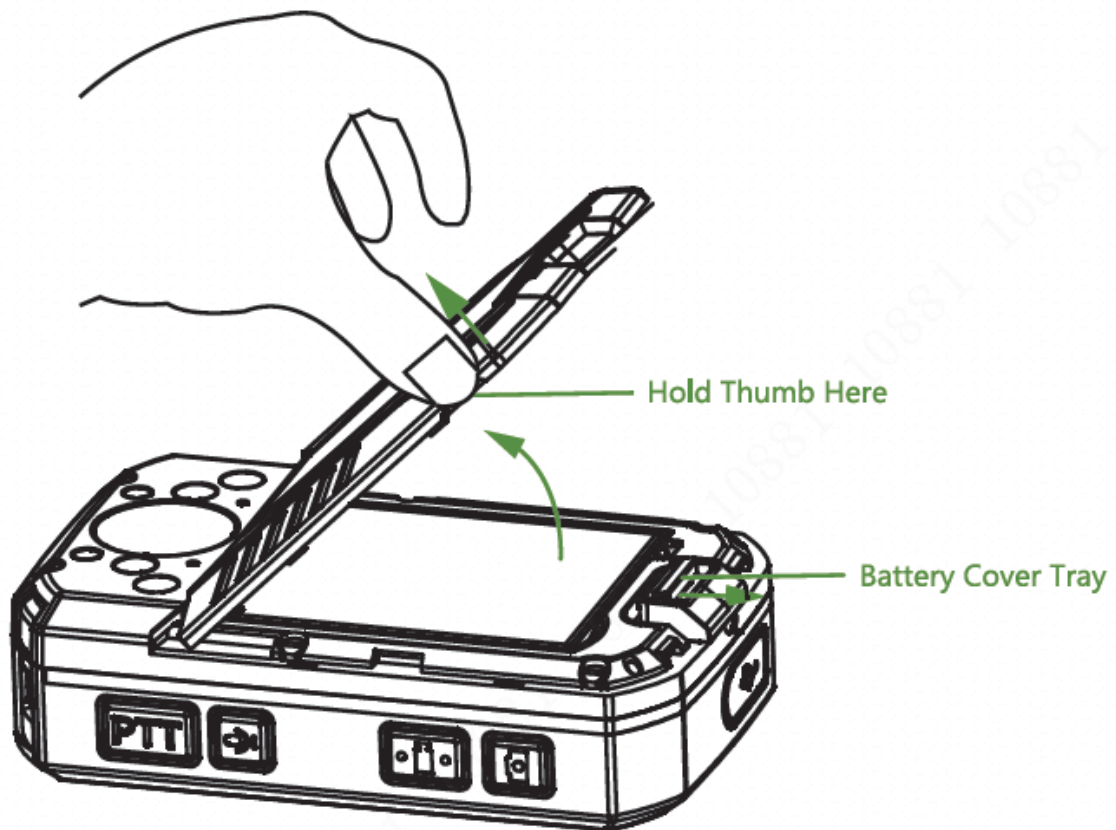


Figure 4-1

Step 2 Take out the main battery. See Figure 4-2.

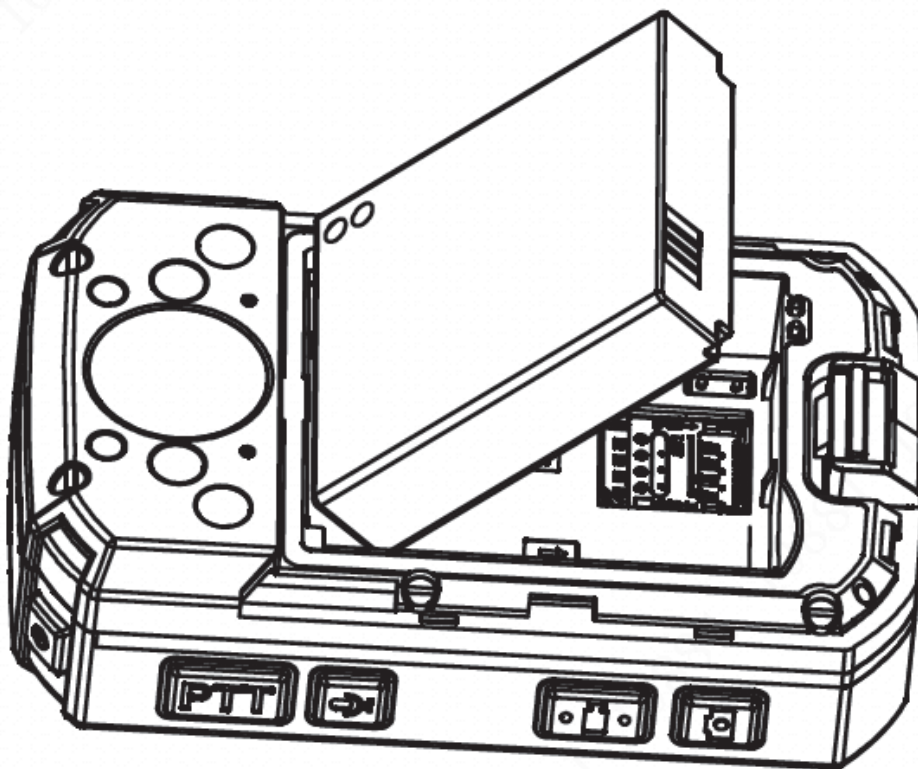


Figure 4-2

Step 3 Make sure the SIM card metal side is facing down. Follow the directions on Figure 4-3 to push the SIM card to the tray until SIM card is firm.

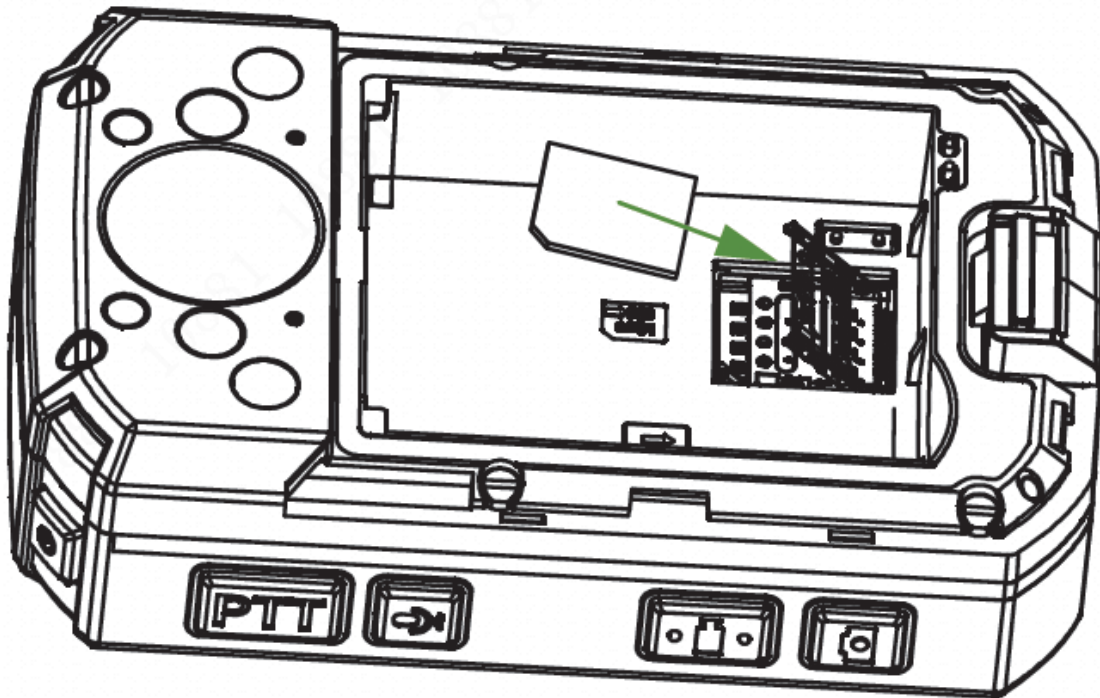


Figure 4-3

Step 4 Install the main battery.

 **Note**

Install the SIM card first and then install the main battery in case the battery may jam the tray and result in tray damage.

Step 5 Pull down the battery cover try to install the battery cover.

4.2 Replace Main Battery

Refer to step 1, step 2, step 4, and step 5 in chapter 4.1 SIM Card Installation for detailed information.

 **Note**

- For detailed operation introduction, please refer to our resource CD included in your package for electronic version of the User's Manual.
- 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.