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MCT-I827 Body Worn Camera

Specifications

Customer :	
Customer Part NO :	
Maker Part No :	
Maker Part Name :	
Release Rev. :	
Date Submitted :	2017/5/24

Specification submitted

   Specification   1

   Others:

Please confirm your acceptance of this approve sheet return to send by post.

Approved	Checked	Prepared

Customer's signature :

DATE :

Police Body Worn Camera

I827

Thanks for choosing our 4G police body worn camera - I827. Hope the camera can help you in the work of law enforcement

1. Product Overview

The 4G police body worn camera developed by us has many process technologies such as GPS, photography, video and audio recording. It can help you collect evidence, standardize law-enforcing conduct, and assure the accuracy and fairness of law enforcement.

2. Product Features

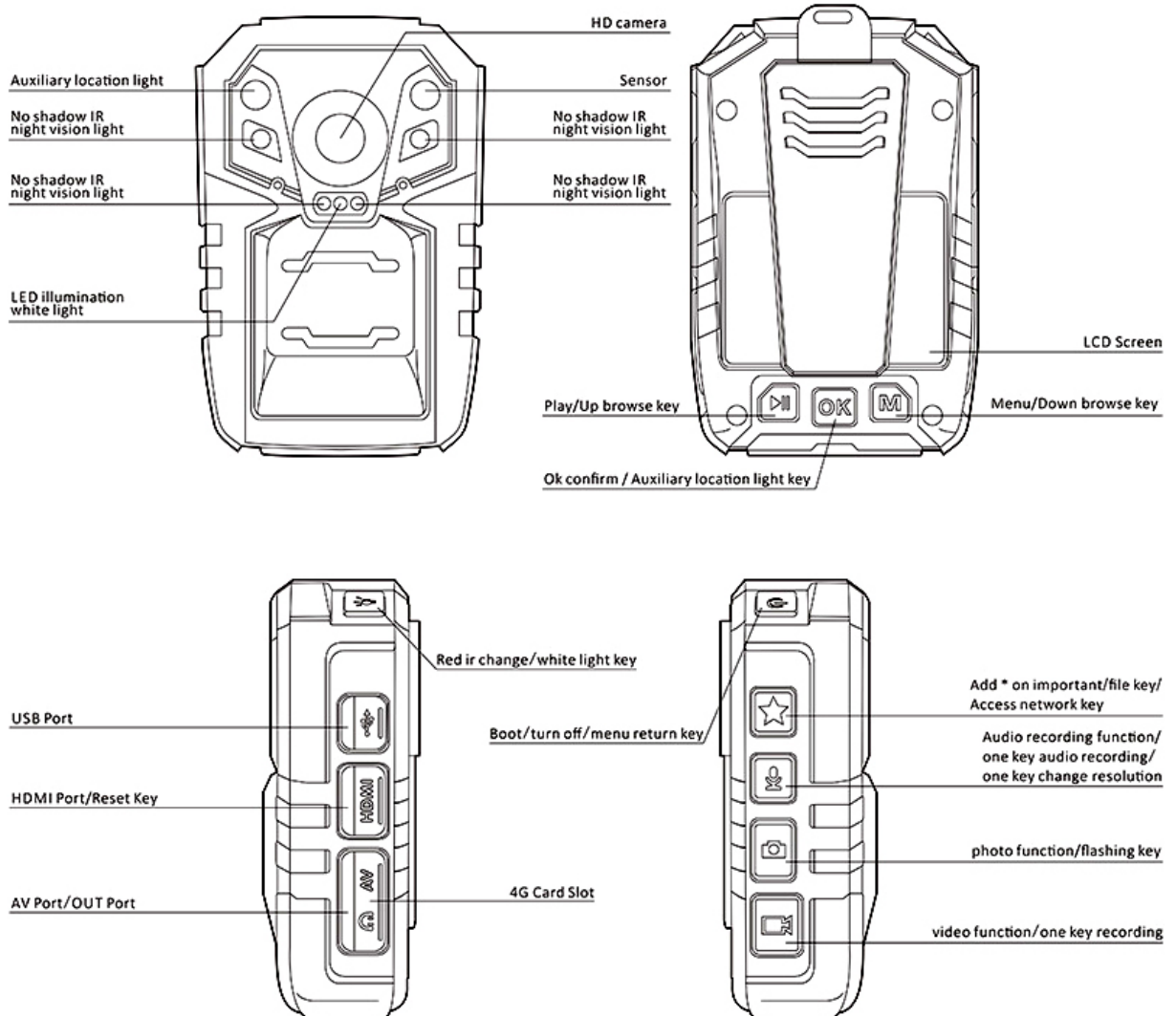| Item	Parameter
Max Pixel	32 Mega Pixels
Video resolution	2560x1440 30p / 1920x1080 30p / 1280x720 60p /848x480 30p /
Display Screen	2 inch TFT-LCD HD Clear color display screen
Wide Angle	140°wide-angle lens, image without deformity
Memory Capacity	Building-in 32G/ 64G/128G
Data Interface	HDMI 1.3 Support 1080P TV Output JNTSC
Continuous Recording Times	4 hours
Shoulder Microphone	Support all kind of walkie-talkie
Positioning System(Optional)	GPS/ Beidou Positioning
Car Mount(Optional)	Support
External Power Supply(Optional)	Support
Wireless Connection	4G/ WIFI

3. Quick Operation

Long press to power on or off the screen.

Short press to start voice recording, and short press again to stop recording.

Short press to take a photo.

Short press to start video recording, and short press again to stop recording.

Short press to turn on infrared light, and short press again to turn it off.

Short press to playback the last photo, video or audio files.

Short press to set the function and parameter.

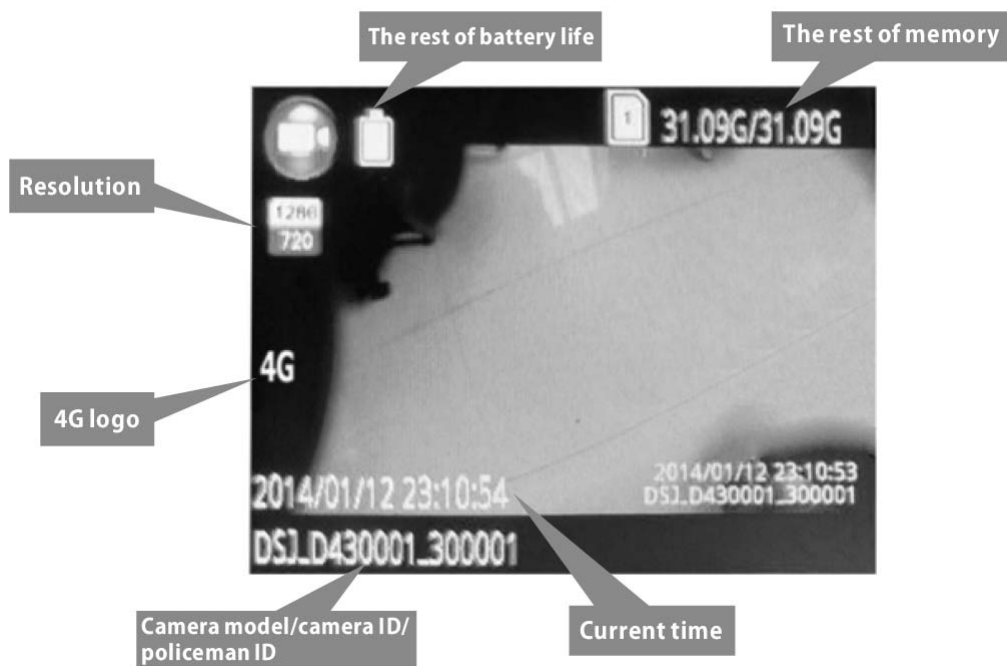Press to return the last screen.

4. Appearance and Key Description

Ambarella A12A55

True 1296P Super HD Video

Infrared Night Vision Function

Maximum Support 128GB

With 4G/WIFI Live Streaming Function

Built-in 3000mAh Lithium Battery

140° Field of View

Included Software

IP 67 Water,Drop and Shock Resistant

HD camera

Auxiliary location light

Sensor

No shadow IR night vision light

No shadow IR night vision light

No shadow IR night vision light

No shadow IR night vision light

LED illumination white light

LCD Screen

Play/Up browse key

Menu/Down browse key

Ok confirm / Auxiliary location light key

Red ir change/white light key

USB Port

Boot/turn off/menu return key

HDMI Port/Reset Key

AV Port/OUT Port

4G Card Slot

Add * on important/file key/ Access network key

Audio recording function/ one key audio recording/ one key change resolution

photo function/flashing key

video function/one key recording

5. Display Screen Description

The rest of battery life

The rest of memory

31.09G/31.09G

Resolution

4G logo

4G

2014/01/12 23:10:53
DSJ_D430001_300001

2014/01/12 23:10:54
DSJ_D430001_300001

Camera model/camera ID/ policeman ID

Current time

6. Basic Operation Description

● **Boot**

Press [icon] for 2 seconds, the camera will beep on with a green LED, and the camera turn to standby mode with the screen lighted on.

● **Audio recording**

Short press [icon], the camera will shake, then the LED flash to yellow and the camera start audio recording. Press [icon] again when you want to end the audio recording, and the camera shakes again, with the yellow LED light off and the recording stored automatically.

● **One Key Audio Recording**

When the camera is off, long press key [icon] for 4 seconds to start one key recording.

● **One Key Change Video Resolution**

When the camera is in standby mode, long press key [icon] for 4 seconds, then the camera will automatically turn to SD or HD resolution by choice.

● **Photo Taking**

Short press key [icon] to take photo when the camera is in standby mode.

Long press key for 4 seconds to turn on the LED flashlight, and the light will flash under specific frequency.

● **Video Recording**

When the camera is in standby mode, short press , then the camera body will shake with voice Guide Law-enforcement, video recording start, and afterwards the red video light flash on, which indicates the video recording start. Press key again to stop recording, and the camera body will shake again, with red video light off, and the recording is finished and saved. (Note: this function is close in default)

● **One Key Video Recording**

When the camera is off, Long press for 4 seconds to start one key video recording.

● **Laser Pointer**

Long press for 4 seconds to open laser point light. Do it again to turn it off.

● **Snapshot under Video Recording**

Short press key to take a photo in video recording mode.

● **Switch between IR red light and LED white light**

Short press to turn on IR red light. Press it again to shut down in video recording or standby mode.

The IR red light can help to record video in the night or dark environment. Long press to turn on LED white light. Long press for 4 seconds again to turn the LED off.

● **One Key Playback**

Short press to fast browse the last photo, recorded audio or video file under standby mode.

● **Ok Confirm**

Short press to get into video, photo, audio folder and select a file to play. Long press for 4 seconds to open laser point light, do it again to turn off.

● **Menu selection**

Short press to set the function and parameter as below in standby mode.

● **Resolution:**

8 modes of video resolution, 2304x1296 30p/ 1920x1080 30p / 1440*1080 30P/ 1280x720 60p

/1280x720 30p / 848x480 60p/ 848*480 30P/ 720*480 30P. Short press ▶II or M to select it.

(▶II is the Page Up key, M is the Page Down key in selection mode.)

- **Video length selection**

 5mins, 10mins, 15mins, 30mins and 45mins for selection. Short press OK , and Short press ▶II or

  M to select the length.

- **Video quality:**

  3 modes are optional to adjust video quality: best, fine and standard. Short press OK to enter, and

  short press ▶II or M to select.

- **Photo size:**

  5M, 8M, 14M, 16M, 21M and 32M for the photo definition. Short press OK and short press ▶II or

  M to select.

- **Alert tone:**

  Shut down, voice guide, alert tone, shake modes for option to select the key tone and video audio. If

  choose shut down, the camera is mute. While choose voice guide, it will prompt Law-enforcement

  video recording start.

- **Sound volume**: adjust the alert tone and playback sound volume.

- **Video pre-recording:**

  Pre-recording before press recording key and pre-record 10 seconds video information.

- **Delay recording:**

  Delay recording after press stop recording key, delay record 10 seconds video information.

- **IR switch**: Manual or automatic.

- **Indicator light:** On or off.

- **Reset:** When hang up, press HDMI , Camera will reboot and return to normal. And the data will not left.

- **Network:** Select "4G off WIFI on " or" 4G on WIFI off "

- **Enter USB mode:**

  Power off the device and plug in USB cable and repower on the device, it enter password interface. In

  the state of power-on, plug in USB cable, it turn to charging mode.

7. Indicator Light

Standby indicator light (GREEN)

The light turns to green when the camera is powered on.

Charge indicator light (BLUE)

The light turns blue during charging, and turn off when it is full.

Video recording indicator light (RED)

The light turns red and flashing under video recording.

Audio indicator light (YELLOW)

The light turns yellow and flashing under audio recording

● **Key Function Description**

■ **Reset key**

Reset it when the camera is running wrong or hang up.

■ **Combination key:**

One Key Play Key / Page Up key / Focus adjustment function

■ **One Key Play Key**

In standby mode, press this key to playback the last audio or video file.

■ **Page Up key**

Go to menu, press this key can select object to up and left.

■ **Focus adjustment function.**

Long press this key can adjust 8X focus change under standby or video recording mode. Press this key can fast reverse by 2X, 4X, 8X, 16X, 32X, 64X under video recording. (Note: Focus cannot be adjusted under HD 2304*1296 resolution)

■ **Combination key:**

OK confirm Key

Press this key into video, photo, audio file browse mode and confirm it.

Laser Pointer Key

Long press to open Laser Point light for the best positioning, and do it again to turn it off.

■ **Live stream Button:**

When 4G/WIFI is connected, press this button to turn on/off live stream.

■ **Combination Key:**

Audio recording key

Press this key to start audio recording, press it again to stop it.

One Key Audio Recording Key

When the camera is under turn off status, 4 seconds long press this key to start audio recording, press it again to stop it

Video Resolution Change Key

When the camera is under standby mode, long press this key for 4 seconds, the video resolution can be changed to480 or 720.

■ **Combination key:** Photograph key / LED Flash light Key

Photograph Key

Short press this key to take photo.

LED Flash light Key

Long press to turn on LED flash light function.

■ **Combination Key:** Video Recording Key

Video Recording Key

When the camera is in standby mode, press this key to start video recording, and press it again to stop it.

One Key Video Recording Key

Under turn off status, long press for 4 seconds to start video recording, and press it again to stop it.

■ **Combination key:** Menu Key /Page down Key

Menu Key

Press this key into system setting interface.

Also press this key to select file from up and left when browse the files.

Zoom Lens Key

This key also has focus adjust function. Long press this key can adjust 8X focus change under standby or video recording status. Press this can fast reverse by 2X, 4X, 8X, 16X, 32X, 64X under video recording.(Note: Cannot adjust focus under HD 2304*1296 resolution)

■ **Combination Key:** No shadow IR night vision light key / LED Illumination Light

No shadow IR night vision light key

Short press it to open no shadow IR night vision light and help to calibrate the video object. Short Press it again to turn it off.

LED Illumination Light

Long press this key for 4 seconds to open LED illumination function, long press it again to turn it off.

■ **USB port**

Using cable connect this port with computer to get the file and charge the camera.

- **HDMI port**

High Definition Multimedia Interface (HDMI) port, use it to connect with HD TV.

- **AV IN port**

Connect to external camera. Picture and voice from external camera will shows on the screen.

- **Power On & off/ Lock screen key**

Long press this key to boot, long press it again to turn the camera off. Short press it to lock the screen, short press it again to unlock it.

- **Abnormal alarm**

   Two kinds of abnormal alarms:

   When the battery is weak, Battery life flashes on the screen, at the same time the camera body shake and alarm with alert when the battery is full, he screen will alert storage full, the camera body shake with Alert tone alarm.

- **Power Saving Mode**

   When no operation after 1 min, 3 min, 5 min (optional in menu), the LCD screen will close automatically to save power. Press any key to light up the LCD.

   Short press key ⏻ at a time to turn off LCD, short press any key LCD will reopen, and camera return to normal.

- **Charging (Li-ion Rechargeable Battery)**

   Battery will be full after 4 hours charging under the camera is turned off (Using charger equipped).
   During the charging, blue color indicator light will turn on, and turn off when it is full.
   While using multifunctional base charger, plug the camera into the base, and connect the power, the red power light on the charger turn on, and camera boot automatically. You need to turn the camera off manually, and blue indicator light on the camera body will turn on, which will turn off when the battery is full.

- **3 Charging ways**

   √ **USB connect to computer**

   √ **Multifunctional base charging**

   √ **Charger connect to 220V power charging**

- **Attention**

   - The focus scan not be adjusted under resolution 2304*1296.

   - Reopen IR night vision light to return color to normal when the screen has color aberration(like red).

- Two ways of charging. Turning off charging, 1.2A charging electricity, 4 hours get to full. On boot charging, 500mA charging electricity.(this way can protect the circuit board and battery life) so fast charging can choose Turning off charging, slow charging can choose On boot charging.

- After no use in long time, please charge it full at first before use it again. Please don't open and repair the camera by unauthorized organization.

- Please use a pin to press the reset key to reboot the camera, when running hang or abnormal.

- Please get the camera bottom from water, to avoid short circuit during using.

● **4G Live Stream Function**

- Open the cover on AV IN/AV Out port, and insert an activated SIM card.

- Long press the Power button to power on the camera.

- Press the Menu button to select 4G on/WIFI off, afterwards choose the selection of "reboot". After the reboot, please power on the camera again.

- After powering on the camera, it needs 15 seconds to connecting with 4G signal. When connecting 4G successfully, there is 4G LOGO in WHITE in the left side of the LCD.

- Short press the Star key, the 4G LOGO becomes to green, which means that the camera starts to send live streaming video to the Server. Press the Star Key again, the camera stops to send live streaming video.

● **WiFi Live Stream function**

- Connect the camera and the PC by USB and open the file of "WiFi.conf" by Microsoft's Notepad in MISC folder. The Default setting is "ESSID=Cammpro-NETGEAR, PASSWORD=cammpro8525$", please revise them to your SSID (WiFi name) and password. In the file "live.cfg",rtmp://47.91.78.22:1935/live/000000 is the server IP address. The last six number is police ID, please don't revise those information freely if you are not an engineering technician.

- Press the Menu button to select 4G off/WiFi on, afterwards choose the selection of "reboot". After the reboot, please power on the camera again.

- After powering on the camera, it needs 15 seconds to connecting with WiFi signal. When connecting WiFi successfully, there is WiFi LOGO in WHITE in the left side of the LCD.

- Short press the Star key , the WiFi LOGO becomes to green, which means that the camera starts to send live streaming video to the Server.

- Press the Star Key again, the camera stops to send live streaming video.
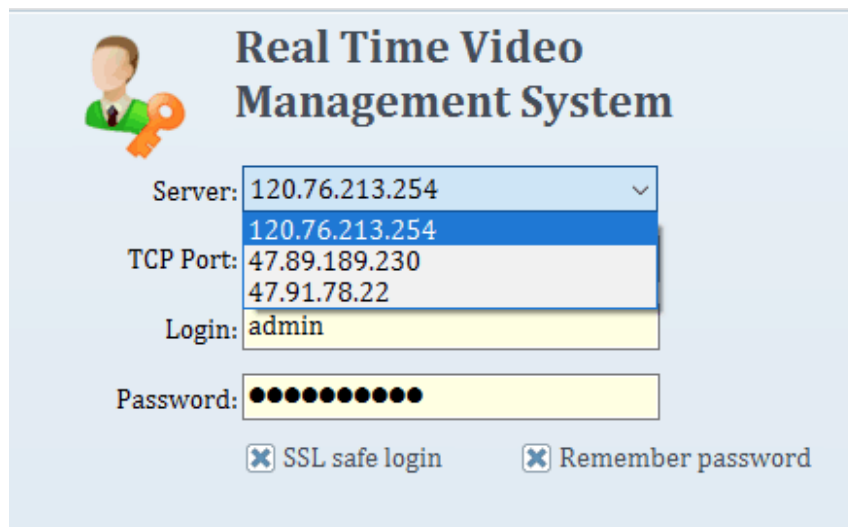
● **Tips**

- Don't insert or remove the SIM card when camera's on.

- If the camera can't find 4G or WiFi signal, the 4G/wifi logo won't be showed on the screen.

- After turning on the camera, it will automatic search signal immediately, then all buttons will be locked. So, don't do anything for the camera by that time.

- To avoid the noise, please keep the camera far away from the live stream computer.

- If the Client isn't working, please try a streaming media player, like VLC player.

8. RTM Guidance

● **Run rtm.exe to start the software, see below:**

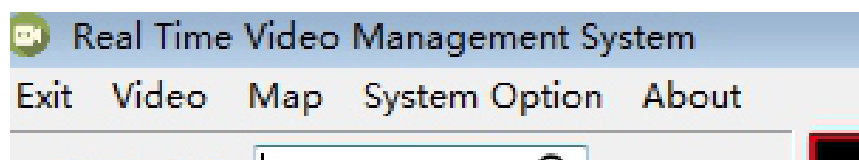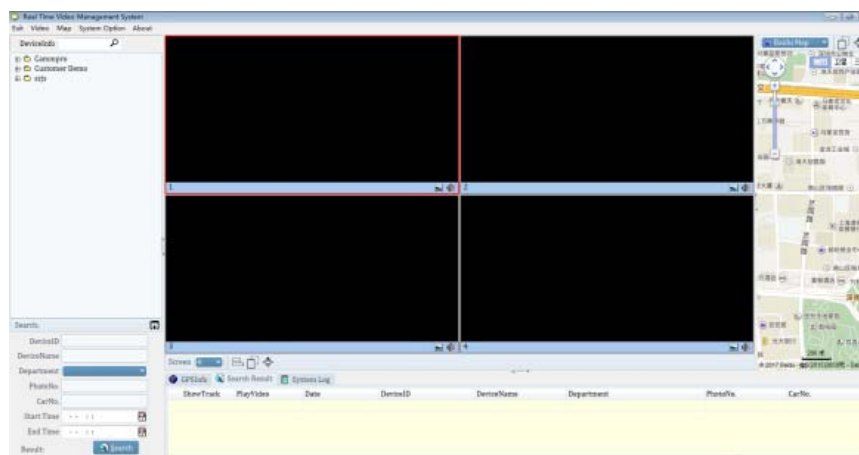**120.76.213.254 is the Chinese Server**

47.89.189.230 is the US Server

47.91.78.22 is the European Server

Please ask the sales about the Login ID and Password for RTM.

Please note the login ID can only enter one RTM at one time.

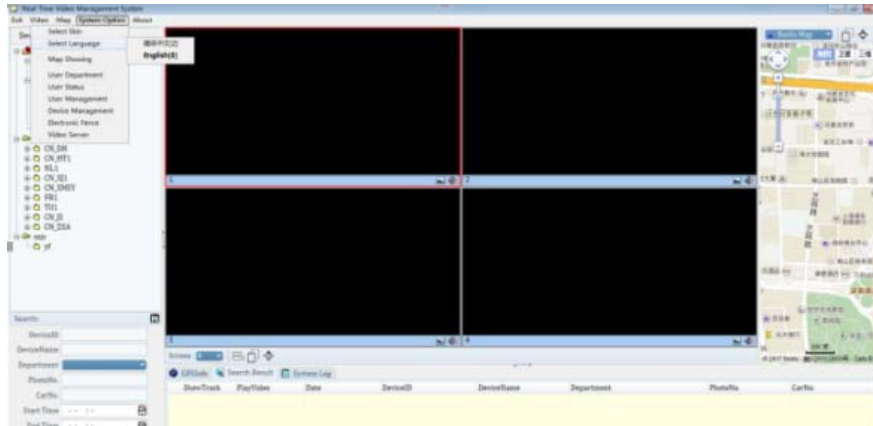● **Main Interface is as follows:**

Exit: Exit RTM.

Video: Click Video and the main interface displays the video.

Map: Click Map, and the main interface displays the map.

System Option: System Settings

About: System registration and versions.

● **System Setting Menu:**

The users can do the setting according his/her permission.

● **User Rights:**

For the body camera sample, the user is forbidden to set the ID, or the user cannot use the server.

9.   User's Instructions

Police Body Worn Camera - I827 is developed by Shenzhen Cammpro Technology Co., ltd. We provide one year warranty and RMA service. In order to protect user's rights and avoid some unnecessary problems, please read below details:

1. Please send back below warranty card with order number, model, and problem clearly together with returned products during RMA service.

2. Any man-made damage such as: water, moisture, improper use or damage by no authorized organization as well as that over 1 year warranty, only paid service is available and the camera is not guaranteed to be recovered.

3. Serious man-made damage (such as water or fall down), a repair contract is necessary to sign.

4. Non man-made damage and still under 1 year's warranty, the camera can be changed, but not for the accessories