USER MANUAL

About this Manual

The content in this document is for information purpose only and is subject to change at any time without prior notice. We have made every effort to ensure that this User Manual is accurate and complete.

However, no liability is assumed for any errors or omissions that may have occurred.

The manufacturer reserves the right to change the technical specifications of the software and hardware described in this manual and accessories at any time without prior notice.

Battery Warning

1. Never dismantle, crush, or pierce the battery, or allow the battery to short-circuit. Do not expose battery being placed in high temperature environment, if battery leaks or bulges, stop continue to use.
2. Always charge using the system. Risk of explosion if battery is replaced by an incorrect type.
3. Keep the battery out of reach of children.
4. Batteries may explode if exposed to open fire. Never dispose of batteries in a fire.
5. Never replace the battery on your own; have the dealer do it for you.
6. Disposed of used batteries observing local regulations.

Notes

1. Do not touch the lens with your fingers. Finger grease may be left on the lens and will result in unclear videos or snapshots. Clean the lens on a regular basis.

2. A specific emission frequency may influence the image quality.

3. Always charge the battery fully before use, especially when the device is not used for a long time.

4. Please keep the device's bottom away from water to avoid short circuit or oxidation.
5. Please only use the original accessories provided in the box. Using others might cause damage to the device.
6. Please don't disassemble the device without an authorized instruction.
7. Please do not set password off for safety consideration normally. If password off, anyone can set the device or check the files of the device after take it.
8. Default password is 000000. Please set your own password for safety consideration normally.
9. User is able to enter U Disk of the device to check videos, photos or audios without the driver installation.
10. If customers want to use Cam Manager to do the setting of the device, please copy BodyCam PC Software file from U Disk of the device to PC first. Read the instruction in it to install the driver before use Cam Manager.
11. Please try a few times of video-taking test before use this device formally in order to be familiar with it. Please persuade for professional assistance if the device doesn't work properly.

Before start using the product, it is assumed that you agree to the above statement.

TABLE OF CONTENTS

About this Manual
Battery Warning
Notes

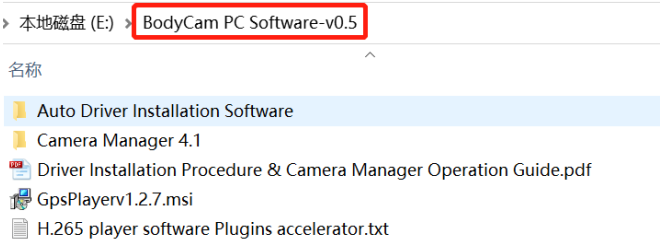
1. **Introduction**
2. **Box Contents**
3. **Product Overview**
4. **Main Menu Optional Detail**
5. **Operation**
6. **Device setting via CAM MANAGER**
7. **FAQ**

The device is a new generation video recorder of High Efficiency video coding (HEVC, H.265) and low power consumption. If record videos by using H.265 coding format, it is suggested to download Media Player Codec Pack (check the link below) to assist to playback H.265 videos on windows Media Player.
https://www.mediaplayercodecpack.com/

1. Introduction

Thank you for purchasing this product. This device is specially designed for video recording, audio recording and photo shooting. Please read the user manual before start to use it.

Important information: Before start to use this device, please copy **BodyCam PC software** file from U Disk of the device to PC for the device setting purpose in the future (Please contact the vendor if it is lost).
The **BodyCam PC software** file will be deleted if format the device storage.
Without the software, the device setting in the menu can be done too (Refer to Page 11).
Below is **BodyCam PC software** file.



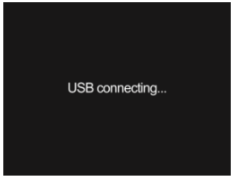
1.1 No need to install the driver.

In Password On Mode, please refer to the steps below.

A. Connect the device to PC via the original USB cable.

B. A reminder “Please Enter Password” will show up on the LCD screen (see photo below).

C. Please **press OK button for six times** and a reminder “USB connecting” will show up on the LCD screen (see photo below). It means that the device is recognized by PC as U Disk.



D. Double click Mycomputer and find U Disk on PC to open it.

E. Copy **BodyCam PC software** file on PC.

1.2 No need to install the driver.

In Password Off Mode, a reminder “USB connecting” will show up on the LCD screen directly after connect the device to PC via the original USB cable. The next steps are the same as D and E above.

2. Box contents

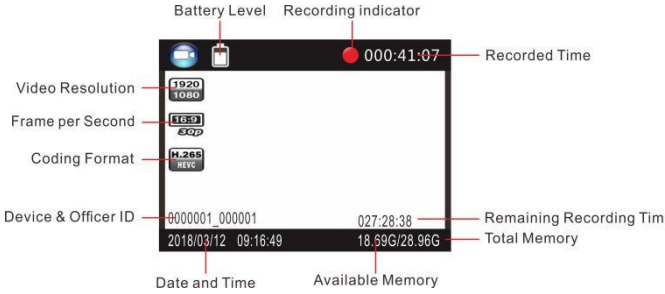
- Body Camera
- Charging Dock
- USB Cable
- Wall Charger
- Rotatable Epaulette Clip
- Rotatable Crocodile Clip
- User Manual

3. Product Overview

Item	Description
1. Lens	Capture high resolution images/videos
2. Light Sensor	Detect changes of light and turn on/off IR for low-light recording automatically
3. Infrared LED	Providing infrared light compensation in low light conditions, to help the device record good quality video with clear face view up to 10 meters
4. White Light	Hold **IR/Photo button** to turn on/off white light
5. Scroll Up Button	a) In Menu or Playback mode, press to scroll up previous page or file b) In standby or video recording or playback photo mode, hold to zoom out c) In playback mode, press to rewind video
6. OK Button	a) In menu set-up or playback file type (video, photo and audio) selection, press to make a selection b) In playback mode, press to pause/resume video or audio playback
7. Menu & Scroll Down Button	a) In standby mode, press to enter menu set up b) In Menu or Playback mode, press to scroll down next page or file c) In standby or video recording or playback photo mode, hold to zoom in d) In playback mode, press to fast forward video
8. USB Port	For power charging or data transmission
9. Reset button	Inside the USB port, press to reset the device
10. Star button	a) Press to mark important video/audio file when the device is in video/audio recording b) Press to switch between video, photo and audio when playback files.

11. Audio Recording Button	a) Press to start/stop audio recording when not in video recording mode b) Press to mute/unmute video when the device is in video recording c) Hold to switch resolution between 1080P and 720P when not in video recording mode
12. Photo button	a) Press to take photo in standby mode b) Press to take a single snapshot image while in video recording c) Hold to turn on/off white flash light
13. Video recording button	a) In power on mode, press to start/stop recording b) In audio recording, press to switch to video recording and keep the audio file c) In power off mode, hold 3 seconds to power on the device and start video recording
14. IR button	a) Press to turn IR light on/off; b) Hold to turn on/off white light
15. Status Indicator LED	**Still Green:** the device is in standby mode (Power on but not recording) **Still Red:** the device is on prerecording mode **Flashing Red:** the device is recording video **Flashing Yellow:** the device is recording audio only
16. Charging Indicator LED	**Red:** Charging Status **Green :** Fully Charged
17. Power Button	a) Hold 3 seconds to power on/off the device b) In power on mode, press to turn on/off LCD c) Press to exit to the previous interface when navigating setting or playing back files
18. Pogo Pin	Connection port to charging dock

LCD Interface:



4. Main Menu Optional Detail

To enter the setting menu:

1. Press Menu button M and then enter the password.
2. Enter the password by the following commands:
   - Press Scroll Up button ▶II to change the character to the previous letter or number.
   - Press Menu button M to change the character to the next letter or number.
   - Press OK button OK to confirm and move to the next character

   PS: The default password is 000000.
3. After selecting the last character, press OK button OK to enter the setting menu.

To navigate the settings menu:

- Press Menu button M to select next setting or option.
- Press Scroll Up button ▶II to select the previous setting or option.
- Press OK button OK to move to confirm the selection or enter the sub-menu.
- Press Power button ⏻ to return to the previous menu.

Following is a list of the available settings and options.

Setting	Description	Options
Video Resolution	The image resolution for video	2688×1512 30P 2560×1440 30P 2304×1296 30P **1920×1080 30P** 1280×720 30P 848×480 30P
Photo Resolution	The image resolution for photos	**5M (3008×1692 16:9)** 12M (4608×2592 16:9) 20M (5984×3366 16:9) 25M (6656×3744 16:9) 30M (7296×4104 16:9) 40M (8448×4752 16:9)

Burst	The number of images captured when take a photo.	**Off**, 2, 3, 5, 6, 8, 10, 15, 20
Record Cam	When choose Ext., it will only record the external mini cam. When choose both, it will record both the main cam and mini cam.	**Single**,Dual
Dewarp	When on, video distortion correction will be corrected, with more power consumption.	**Off**, On
Self Timer	The time that the device waits until taking a photo after press Snapshot button.	**Off**, 5 secs, 10 secs, 20 secs, 30 secs, 1 min
Quality	The quality of the image for video and photo files.	S. Fine, Fine, **Normal**
Pre-record	When on, a certain time (depends on the video resolution) will be combined into the recorded video before record button is pressed to start recording; When off, video start until the Record button is pressed to start recording.	**Off**, On
Post Record	The amount of the time that the device waits to stop recording video after press the Record button.	**Off**, 5 secs, 1 min, 10 mins, 20 mins, 35 mins
CarDV Mode	When on, the device will power up automatically and start video recording when it is charged. The device will power off as it normally does when it is disconnected from the power source.	**Off**, On
Loop Recording	When on, the device will overwrite the oldest video file with the most current video file once its memory is full. This setting can be selected only when car DVR mode is on.	**Off**, On

Split Time	While recording video, the device will automatically split its recording into files of this length.	1 min, 3mins, 5 mins, 10 mins, **15 mins**, 20 mins, 30 mins, 45mins
Slideshow	When on, viewing photo file will start a slideshow where each photo will be shown for around 5 seconds.	**Off**, on
Infrared	When set to manual, hold Snapshot button to turn IR LEDs on/off. When set to Auto, these lights will activate automatically based on the light sensor's reading.	**Manual**, Auto
Motion Detect	When on, the device will start recording when front movement is detected by the lens.	**Off**, On
Record Warning	When on, a voice confirmation will be heard when start recording. When off, voice confirmation is disabled.	Off, **On**
Video Mute	When on, there is no sound in the video. When off, there is sound in the video	**Off**, On
Global Positioning	When GPS is on, position of video will be recorded and can be reviewed by GPS player.	**Off**, On
Time Zone	Adopt local time in real time zone	-12 to +12, default **+0**
Language	The language of the text on the device interface	**English**, 简体中文, Русский, Polski, 한국, French, 日本語, Portuguese, Español, Türk

Screen Saver	The amount of the time that the device can be idle before deactivating the display to conserve power.	Off, 30 secs, **1 min,** 3 mins, 5 mins
LCD Brightness	Screen lighting to view	Low, Medium, **High**
Auto Power off	The amount of the time that the device can be idle before powering off.	**Off**, 30 secs, 1 min, 3 mins, 5 mins
Led Light	When on, indicator LED will tell the status of the device; When off, the device is entering covert mode	Off, **On**
White Led	White Led light to offer light source	Off, **On**
Key Tone	When on, the device will play a tone each time press a button. When off, tone is disabled.	Off, **On**
Volume	The volume of the device speaker. This affects the loudness of the key tone and record warning.	0-**12**
Coding format	The coding format of video files	**H.264,** H.265
Time Setup	Adjust time to real location	yyyy/mm/dd __:__
ID setting	User is able to set Device ID and Officer ID	Alphanumeric characters
Password	If password is on, user needs to enter password to get access to setting and connection to PC	Off, **On**
Change User Password	Password can be set or changed	Alphanumeric characters
Default Setting	Use this to return the device to its original settings. This does not erase the memory.	O (Yes), X (No)
FW Name	Firmware version	

5. Operation

5.1 Power on/off

Hold Power button for 3 seconds to start up and enter standby mode; In any mode, hold Power button for 3 seconds and the device will shut down.
PS: In standby / video recording / audio recording mode, short press power button, screen saver can be on/off.

5.2 Audio recording

In standby mode, press audio Recording Button for audio recording. The device will beep and vibrate once. LED indicator on the top will turn yellow and flash. Press again audio Recording Button to stop audio recording (the device vibrates twice) and save the file.
In audio recording mode, short press **Star Button** to remark the important file and the yellow star icon will appear on the right side of the screen.

5.3 Photo shooting

In standby mode, press photo button to take photos.

5.4 Video recording

In standby mode, press video Recording Button to start video recording. The device will beep and vibrate once. LED indicator on the top will turn red and flash. Press again video Recording Button to stop video recording (the device vibrates twice) and save the file.
In video recording mode, short press **Star Button** to remark the important fil and the yellow star icon will appear on the right side of the screen.

5.5 One-button video recording

In power off mode, hold video Recording Button for three seconds to power on the device and start video recording immediately.

5.6 PIV (picture in video)

In video recording mode, press photo button to capture photo.

5.7 Zoom

In standby or video recording mode, hold Scroll Up button and scroll down button to zoom out and in the image.

5.8 IR night vision

Under dark circumstances, infrared LED will help to record clear image or video.

In standby mode, PRESS Menu button to navigate. Find option【Infrared】, PRESS OK button to enter sub-menu: Manual & Auto, press OK button to select.

1) Auto infrared mode:

In low light situation, 4 IR LEDs will be turned on automatically and the device will switch on infrared filter lens. Video image will turn black and white. Otherwise, when circumstance brightness grows up, IR LED will turn off and image will become colorful again.

2) Manual infrared mode:

When night vision is needed, PRESS **IR button** to switch to Infrared mode. IR LEDs will be turned on and there will be black and white image. PRESS this button again to turn off IR LEDs and image becomes colorful.

5.9 White LED

In standby or video recording mode, hold **IR or Photo button** to turn on/off white LED.

5.10 Playback

In standby mode, press scroll-Up button ▶II to enter playback mode. There are Video, Photo, and Audio options. Press Star button to select, and press OK button OK to confirm the selection.

1) In video file playback mode, PRESS OK button OK to pause/resume playback; PRESS scroll-Up button ▶II to rewind, PRESS Scroll-down button M to fast forward and PRESS OK button OK to play normally. User is able to fast forward or rewind 2x, 4x, 8x, 16x, 32x, 64x.
2) In photo file playback mode, hold ▶II and M button to zoom out and in the image. Adjustable is X1.0～X10.0. In the zoom in and out image, short press ▶II and M button to move the image to right or left side.

5.11 Reset

In any case the device is frozen, use a pin to reset and restart the device. Reset button is inside USB port.

5.12 Device ID/ User ID

In standby mode, PRESS Menu button M to enter settings. Find [ID setting], and PRESS OK button OK to select. The Device & Person SN interface will show up, 5 characters for device ID and 6 characters for person ID.
PRESS scroll-Up button ▶II or Scroll-down button M to choose a character and PRESS OK OK button to select.

5.13 Time Setting

In standby mode, PRESS Menu button M to enter settings. Find Time bar, for example, 2008/02/02 07:40. PRESS OK button OK and enter the password. User is able to change the date and time.
Press scroll-Up button ▶II or Scroll-down button M to choose a character and PRESS OK button OK to select.

5.14 Video/Photo/Audio files can only be deleted on PC/laptop.

The video, photo and audio files of the device can only be deleted on PC/laptop but not on the LCD screen of the device.

5.15 Charging

When the battery is low, the battery icon will flash on the LCD screen and a alert tone will be heard. While the device is charging, the indicator light will turn red and turn green after the device is fully charged.

Charging methods:

1). Attach the device to the charging dock. Use the original USB cable to connect the charging dock to the following:

- The original wall charger (connect to a power outlet)

2). Use the original USB cable to connect the device's USB port to the following:

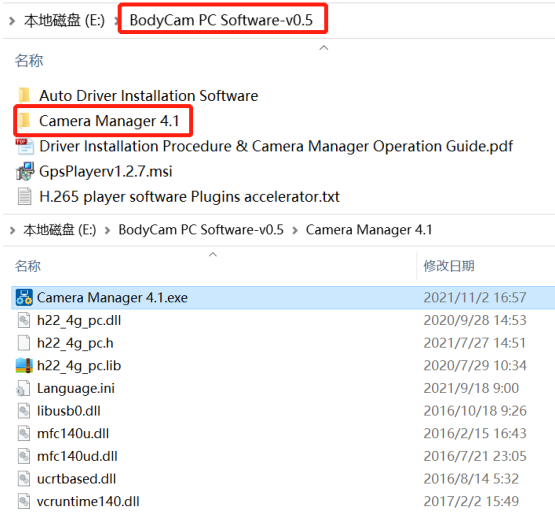
- The original wall charger (connect to a power outlet)

6. Device Setting via Camera Manager

The device setting can be changed in the menu or via **Camera Manager** (Please find it in **BodyCam PC Software** file).

Please refer to the steps below when do the device setting via Camera Manager.

A. Copy BodyCam PC Software file on PC and find Cam Manager.



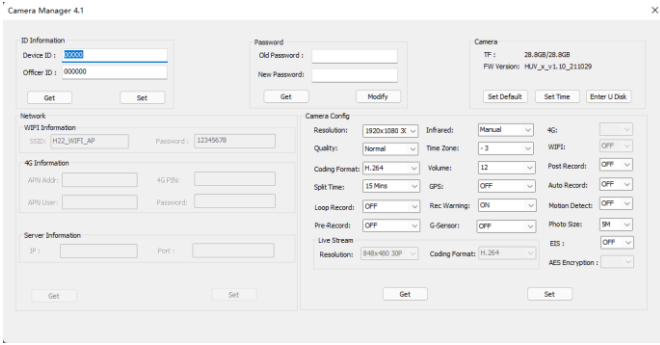
B. Choose “Password On” in the menu of the device.

C. Install the driver (Read the instruction in BodyCam PC Software file to install it).

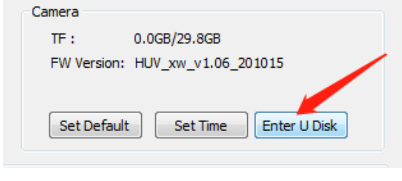
D. Connect the device to PC.

E. Open Camera Manager and enter password 000000, connect and login.

F. Click “Get” to show up the device’s original settings. Choose the target setting and click “Set” to change the setting.



G. Click “Enter U Disk” (in the upper right corner) to make the device to be recognized by PC as U Disk. All files can be checked in U Disk.



7. FAQ

7.1 How to check/copy/delete the videos, photos and audios of the device on PC?

There are three choices here.

A. No need to install the driver.
In Password On Mode, connect the device to PC via the original USB cable (Default password is 000000).
A reminder “Please Enter Password” will show up on the LCD screen.
Press OK button for six times.
A reminder “USB connecting” will show up on the LCD screen and it is recognized by PC as U Disk.
Double click Mycomputer and find U Disk on PC.
User is able to check/copy/delete the videos, photos and audios of the device which are stored in U Disk.

B. No need to install the driver.
In Password Off Mode, connect the device to PC via the original USB cable.
A reminder “USB connecting” will show up on the LCD screen and it is recognized by PC as U Disk.
Double click Mycomputer and find U Disk on PC.
User is able to check/copy/delete the videos, photos and audios of the device which are stored in U Disk.

C. Please install the driver first before use Cam Manager (Read the instruction in BodyCam PC Software file to install it).
In Password On Mode, connect the device to PC via the original USB cable (Default password is 000000).
Please don’t input the password of the device and just let it be.

Open Cam Manager on PC and input password 000000 to connect and log into it.
Click “Enter U Disk”on the Cam Manager interface.
Double click Mycomputer and find U Disk on PC.
User is able to check/copy/delete the videos, photos and audios of the device which are stored in U Disk.

7.2 How to format U Disk of the device?

After enter U Disk of the device, right click it. Choose “Restore the default setting” and click “Begin to format”.
Once the format finished, unplug USB cable from PC. A reminder “Card non-optinum! Format?” will show up on the LCD screen of the device. Choose the left circle to format. A reminder “Caution! Delete All?” will show up. Choose the left circle to delete. Finally a reminder “Format successful!” will show up.

Please format U Disk only when “0.0G/0.1G” shows up on the LCD screen of the device or the device cannot take videos, photos or audios or SD card is full.

Normally speaking, please don’t format U Disk in order to keep the important files.
Before format, please make sure that the important videos have been stored on PC.

7.3 How to do the setting about the device?

There are three choices here.

A. In Password On Mode, press M button.
Press OK button for six times to enter the menu to do the setting (Refer to Page11).

B. In Password Off Mode, press M button to enter the menu directly to do the setting (Refer to Page11).

C. Please install the driver first before use Cam Manager (Read the instruction in BodyCam PC Software file to install it).
In Password On Mode, connect the device to PC via the original USB cable (Default password is 000000).
Please don't input the password of the device and just let it be.
Open Cam Manager on PC and input password 000000 to connect and log into it.
User is able to do the setting on the Camera Manager interface (Refer to Page20).

7.4 How to playback the videos, photos and audios on the LCD screen of the device?

There are two choices here.

A. In Password On Mode, press Scroll Up button and press OK button for six times to playback the videos, photos and audios on the LCD screen (Refer to Page17).

B. In Password Off Mode, press Scroll Up button once to playback the videos, photos and audios on the LCD screen (Refer to Page17).

7.5 How to make loop recording function work?

Must set Cardv on and Loop recording on both. If not, loop recording cannot work.
After set Cardv on and Loop recording on, it will start recording once the device is turned on and it will cover the previous videos when SD card is full.

7.6 How to set the time?

There are two choices here.

A. Set the time and date manually in the device menu (Refer to Page17).

B. Set the right timezone and turn on GPS in the device menu directly or via Cam Manager (Refer to Page20). After GPS is searched successfully, GPS icon will not flash and longitude and latitude will show up on the LCD screen of the device. At this time, time and date will be synchronized.

7.7 How to charge the device?

There are two choices here (Refer to Page18).

Advise to turn off the device when charge. Not advise to connect to PC when charge.

A. Advise to charge the device with the original charging dock, wall charger and USB cable because it will not be so easy to damage the USB port of the device.

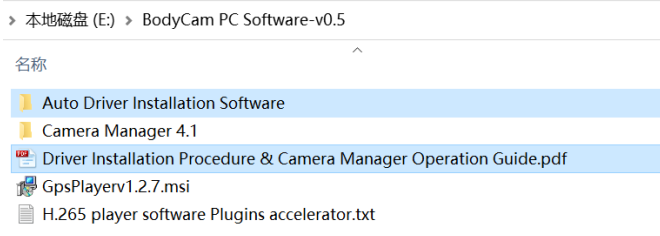
B. Charge the device with the original wall charger and USB cable. Not advise. It can be done occasionally.

7.8 How to check the videos by GPS player on PC?

After enter U Disk, please copy GPS player on PC and install it.
Open GPS player to check the recorded videos and there will be GPS tracking in the player.

7.9 How to install the driver on PC?

After enter U Disk of the device, copy BodyCam PC Software file on PC.
Open it and find the driver and the instruction.
Read the instruction to install it.
Please contact the vendor if it is lost



7.10 Why will it fail when connect the device to PC?

The connection may not be good.
Reset the device first.
Change to another PC or another USB port of PC.

7.11 Why will it fail when connect the device to Cam Manager on PC?

There are four possibilities here.

A. The driver may not be installed successfully. Please strictly follow the instruction step by step to make sure that the driver is installed successfully.

B. After connect the device to PC, user may input password on the LCD screen of the device to enter USB connecting mode. Please don't input password and just let it be.

C. User may set Password Off in the menu. If do like this, the device will enter USB connecting mode directly. Please only set Password On when connect to Cam Manager.

D. When the device connects to PC, the connection may not be good.
Reset the device first.
Change to another PC or another USB port of PC.

7.12 Why will the time get back to the factory time?

If get back to the factory time, please set the time again.
When the low battery alert appears, please don't use the device and charge it in time.
If still not OK, please send it back to the vendor for checking.

IMPORTANT INFORMATION

The clips and attachment studs rotate 360 degrees -

The crocodile clip, epaulette clip, chest harness and shoulder harness attachment studs ALL turn 360 degrees.

Slot the clip into the back of the device and turn the clip vertically.

Or slot the clips into the back of the device first and attach the device to the chest or shoulder harness. Finally turn the device vertically.

Reset device-

To reset the device, use a small needle to jab the reset button. The reset button is located next to the USB port.

Delete files -

The recorded files can only be deleted on PC. This is to stop people from getting rid of the evidence straight from the device itself. To delete the files on PC, right click to delete them.

Product warranty -

We offer a 12-month warranty on the device. This warranty covers faults that were caused by the manufacturer. If the fault was caused by the customer, the warranty will be void.

USB cable -

Please only use the USB cable provided in the product box. Using other USB cables might cause damage to the body camera.

Attention -

Please charge camera fully after camera is left without working for long time.

Please keep camera bottom away from water to avoid short circuit or oxidation.

Please don't disassemble camera without authorized instruction.