

# DARE TO BE



Wide Angle



Voice broadcast



Ultra HD



Waterproof



Aerial video

# Action Camera

## Model: Explorer Pro

# Explorer Pro

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HK ELEPHONE COMMUNICATION TECH CO.,LIMITED



## **Notice:**

1. Please read below notes before use.
2. Please follow the manual to operate the camera; incorrect operations may cause damage to internal components.
3. Fall or hitting the camera will do irreparable damage to internal components.
4. For safety reasons, it must be kept away from the reach of children and pets.
5. Do not leave the camera in wet or dusty environment. Leak electricity is easy to result in fire.
6. Do not expose the camera under high-temperature condition long to avoid the damage to internal components.
7. To maximize battery efficacy, we suggest you use this production under  $-10^{\circ}$ — $50^{\circ}$ , Please make sure the camera is powered off before plug in/out the

memory card to avoid damaging it.

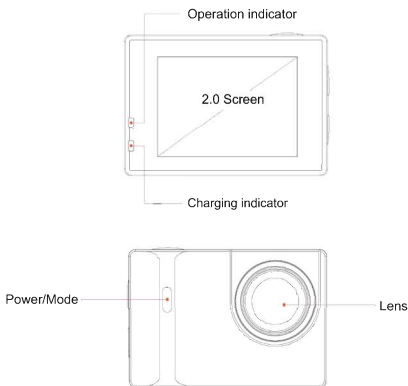
8. It's normal if the temperature rises after using period of time.

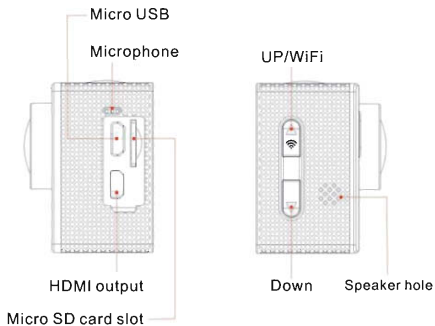
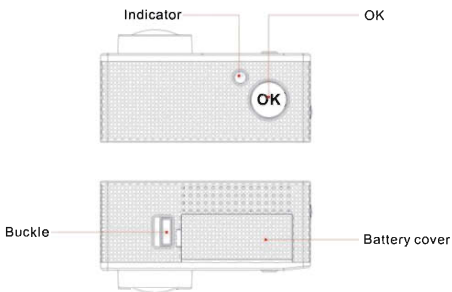
9. Don't touch the lens while using.

10. Please clean the lens with professional blowers or microfiber cloth.

## 1.Instructions

### Operational interface







## **2. Introduction to buttons**

Power key(  ): Turn on/off the camera. While taking video, click this button to capture images. On standby mode, click this button to return to the interface of photo , video or playback.

OK(  ):Start/stop shooting;

Up(  ):Enlarge the image while taking video; playback while playing video; turn on/off WIFI while on standby.

Down(  ):Zoom out the image while taking video;fast forward while playing video.

## **3. Battery Charger**

Connect the charger to camera USB. It turns red when start charging, and turns off when it's fully charged.

Tips: In order to improve the charging efficiency, please charge it when powered.

exposure compensation, resolution, memory card, battery, date / time.

## **2. Turn off the Explorer Pro**

Press the power button for 3s, a beeper sounds and the turn-off LOGO appears, the camera is then powered off.

## **Video recording Loop-record**

Press the OK or connect to the charger, a beep sounds, the machine automatically turns into the loop-video mode. The green lights flashing, the LCD screen shows the record Icon and the time it recorded. When recording to 3 minutes as set, the camera will automatically stop recording and save the file and then continue to next recording. Press "OK" button to stop the video and save the video file, and the remaining time of is showed on the

Please make sure the charger and outlet have been powered on..

## **4. Plug in/out the memory card**

1. Plug in the memory card to ensure enough storage for the camera to store videos.
2. Plug out the memory card: It will be Pop-out by slightly pressing it.

Please make sure the card plugged in the right way, otherwise it will damage itself and the camera.

## **5. Turn on/off the Camera**

1. Turn on the Explorer Pro

Press the power button for 3s, a beep sounds; light and start-up video turns on(the default is loop-record) What shows on the screen are video recording icon, recording time, audio recording icon,

screen. When the storage is full, the camera will automatically overwrite the original files and continue recording.

**Note:** Different recording time can be set. More details can be viewed in menu.

## **Normal Record**

Turn off the loop-video mode in the menu, press "OK" button to start normal video. Press it again to stop Recording and save video files.

## **Time-lapse record**

Set recording time as 100s on time-lapse record interface. Press "OK" button to start recording, and press it again to stop.

When played back, the Recorded video is playing fast (faster than normal).

You can use this feature to capture the progress of the construction project, weather changes, and flower blossom and so on.

To restore to normal Recording, please again, press the "OK" button, turn off the time-lapse video mode.

Note: Different time for lapse recording can be set on menu. This feature is only suitable for long-time (over 1mins) video recording.

## **Motion Detection**

Turn on motion detection mode. Press 'OK' to start detecting. Camera will automatically start record once it detects moving objects, and automatically stop recording once detecting no objects moving for 10s, but it will keep detecting. If it's needed to stop, please press ok button.

Note: Loop-record, time-lapse record and motion

## **Capture mode**

In the menu, select the capture mode, and then select the Time to lapse, 2 s / 5 s / 10 s. Press OK button to exit and the lapse time will be automatically saved.

Note: Press "OK" button to stop time-lapse shooting, or select 'single' instead of time to lapse.

## **Burst mode**

Select "burst" and selected ( off or on ). Press "OK" button to exit and the system will automatically save the settings. 3 photos or 10 photos will be saved automatically. Turn off burst mode to get back to normal photo-taking.

detection cannot be turned on at the same time, only one at a time.

## **Capture mode**

Press the power button during recording can capture an image.

Note: When you capture an image, the video continues. The image captured can be viewed in photos.

## **Taking photos**

In standby mode, press the power button to switch to photo-taking mode. What shows on the left screen are photo icon, exposure compensation, white balance, ISO icon, on the right , the amount of pictures can be taken, pixel, quality, memory card, battery. Press "OK" button to take pictures, and the photos will automatically be saved.

## **6. Zoom out/in**

During video-recording or photo-taking, long Press " $\triangleleft/\triangleright$ " the image can be enlarged or minimized.

## **7. Playback mode**

In standby mode, press twice the "mode" button to enter playback mode, press " $\triangleleft/\triangleright$ " key to preview videos or pictures Click " $\triangleright$ " fast forward play the video, and press the "OK" button to stop . Click " $\triangleleft$ " to rewind the video, then press the "OK" button to stop.

## **8. Delete and Protect files**

1. In playback mode, select 'delete', press " $\triangleleft/\triangleright$ " to select files to delete.
2. Protect files by select "protect". Press " $\triangleleft/\triangleright$ " to choose "add lock the current" "unlock the current" "all lock" "all", and then press "OK" to confirm and

return to the menu.

Tips: Inserting TF card at the first time, please format it on computer at 32K or 64K format, or formatting it on Explorer pro before use.

## 9. Settings

In standby mode, press the power button to enter settings the system settings.

|                   |                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------|
| Resolution        | UHD 24FPS/QHD 30FPS/FHD<br>60FPS /FHD 30FPS/HD 120FPS/<br>HD 60FPS/HD 30FPS / VGA 30FPS<br>WVGA 30FPS /VGA 240FPS/QYGA30 |
| Loop-record       | OFF/3 minutes /5 minutes /10 minutes                                                                                     |
| RSC               | ON/OFF                                                                                                                   |
| WDR               | ON/OFF                                                                                                                   |
| Time-lapse Record | OFF/100ms/200ms/500ms/1sec/<br>5 seconds                                                                                 |

|                  |                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Motion Detection | ON/OFF                                                                                                                         |
| Audio Record     | ON/OFF(default is ON)                                                                                                          |
| Date Stamp       | ON/OFF                                                                                                                         |
| FOV              | 170°/140°/110°/70°                                                                                                             |
| Diving Mode      | ON/OFF                                                                                                                         |
| Night Scene      | ON/OFF                                                                                                                         |
| Capture Mode     | Single/2S Timer/5S Timer/<br>10S Timer                                                                                         |
| Image Size       | 20MP 5120*3840/16MP 4608*3456/<br>12MP 4032*3024/10MP 3648*2736/<br>8MP 3264*2448/5MP 2592*1944/<br>3MP 2048*1536/VGAP 640*480 |
| Burst            | ON/OFF                                                                                                                         |
| Quality          | Fine/Normal/Economy                                                                                                            |
| Sharpness        | Strong/Normal/Soft                                                                                                             |
| White Balance    | Auto/Daylight/Cloudy/Tungsten/                                                                                                 |

|                  |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------|
| Language         | ENGLISH/FRANÇAIS/ESPAÑOL/<br>Portuguese/DEUTSCH/ITALANO/<br>简体中文/繁體中文/РУССКИЙ/<br>日本語 /Polski |
| TV Output        | ON/OFF                                                                                        |
| Screen Save      | OFF/30Sec/1Min /3Min                                                                          |
| Frequency        | 60 HZ / 50HZ                                                                                  |
| Format           | SD card (cancel/ confirm)                                                                     |
| Default Settings | Cancel / OK                                                                                   |
| Version          | *****                                                                                         |

## 10. WIFI function instruction

Download the APP and install it on the smartphone.

To download Wi-Fi APP, you can through ways showed bellowing:

For Android users, search "Explorer Pro" APP on the "Google Play".

|                |                                                     |
|----------------|-----------------------------------------------------|
|                | Fluorescent                                         |
| Color          | Color/Black&White/Sepia                             |
| ISO            | Auto/100/200/400                                    |
| Exposure       | -2---+2                                             |
| Anti-Shaking   | ON/OFF                                              |
| Delete         | Delete Current/Delete All                           |
| Protect        | Lock Current/Unlock Current/<br>Lock All/Unlock All |
| WIFI           | ON/OFF                                              |
| WIFI SSID      | *****                                               |
| WIFI PWD       | 12345678                                            |
| Date/Time      | 2015/01/0 10:10:00 YY/MM/DD                         |
| Auto Power off | OFF/3min/5min/10min/1min                            |
| Beep Sound     | ON/OFF                                              |
| CAR ACC        | ON/OFF                                              |
| TV Mode        | NTSC/PAL                                            |

For iOS users, search "Explorer Pro" on the "APP Store".  
Connect iphone to WLAN, searching Explorer Pro  
connecting

## **11. Change WIFI SSID Password**

In standby mode, press the "power" button to switch settings mode , change it in WIFI SSID(Note: press " $\triangleleft / \triangleright$ " to change the letters), then continuously press ok button to save the changes and exit.

Change WIFI password

The operation is the same as changing "WIFI SSID" name(password default 12345678).

## **12. Open WIFI**

In setting mode,change it to "WIFI"

(Note: press " $\triangleleft / \triangleright$ " to change the letters) press "OK" button to turn on WIFI, then WIFI icon will show on the screen. What shows on the screen are SSID and PASSWORD. Turn on WIFI on

smartphone, find the WIFI showing on the camera and then connect with the passwords given. Once successfully connected, a notice of WIFI connected will show on the camera screen.

Open the App on smartphone, and search ID number of the camera, type the passwords again. After all this been done, you can take photos and record videos. (Please refer to the APP operating

## **13. View files via TV**

### **1. Connect HD TV**

Connect the camera to HD TV via HDMI line. Enter TV settings, turn on HDMI, then the camera can be operated via TV.

### **2. Connect ordinary TV**

Connect the camera to HD TV via HDMI line. Enter TV settings, turn on the output function of TV, If you want to disconnect TV and the camera, turn off the

output of TV and plug out the HDMI line.

## **14. View files via computer**

Connected the camera to computer with USB, press " $\triangleleft / \triangleright$ " key to select "memory" on the screen. Open the removable disk appeared as folder CARDV on computer, double click the 2 folders MOVIE and PHOTO, then you can view the files saved in the camera.

## **15. Open the camera**

After connecting the camera to computer with the USB, the LCD screen shows "memory" and "camera". Press " $\triangleleft / \triangleright$ " key to select "camera" and then press "OK". open  on computer.

## **16. Specification**

|              |                                                                                                                                                                                                            |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery      | Battery Detachable 1050mAh                                                                                                                                                                                 |
| Dimensions   | 61×42.4×25 mm                                                                                                                                                                                              |
| Weight       | 58g (without batteries),<br>74g (with batteries)                                                                                                                                                           |
| Accessories  | waterproof case, waterproof case bracket, waterproof case clip, bike bracket, multifunction clip, camera clip, helmet seat, bandages, cleaning cloth, 3M stickers, USB cable, bracket adapter, manual etc. |
| Applications | Extreme Sports, Outdoor Sport Activities, Bicycle, Car DVR, Diving, Home security etc                                                                                                                      |

|                            |                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Specification              | 12 Mega Pixel Sony sensor                                                                                                |
| LCD                        | 2.0" LTPS Screen                                                                                                         |
| Video Resolution           | UHD 24FPS/QHD 30FPS/FHD<br>60FPS /FHD 30FPS/HD 120FPS/<br>HD 60FPS/HD 30FPS //VGA 30FPS<br>WVGA 30FPS /VGA 240FPS/QYGA30 |
| Default Resolution         | Video:1080P / Picture:4032*3024                                                                                          |
| Image/Video file<br>format | Video format: MP4<br>Image format:JPG                                                                                    |
| Zoom                       | 5x digital zoom                                                                                                          |
| Lens                       | Adjustable wide-angle fish-eye<br>lens Adjust between 170°&70°                                                           |
| Memory                     | Slot for Micro SD card up to 32 GB<br>*Selected 64gb & 128gb Cards                                                       |
| Connections                | USB 2.0 , HDMI (HDMI Certified)                                                                                          |
| Battery Life               | 80 minutes(1080P)                                                                                                        |

# FCC Note

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to interfere by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV help technician for help.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

# CE Note

## Safety warning and Attentions

Please read these safety guidelines before using your camera to assure the safe and proper use of the camera

### Announcements

Hereby, HK ELEPHONE COMMUNICATION TECH CO., LIMITED declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

### Warnings

Battery Caution: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Do not store or use your camera in temperatures higher than 50°C.

The device complies the RF specifications.

# CE0700