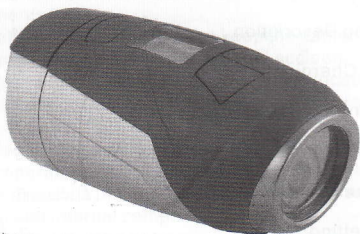


# **FULL HD1080P**

## **Sport Camcorder**



### **User Manual**

Please read through this user manual before using the product and keep the manual for future use.

Please operate the camera on basis of full understanding of the manual.

Any alteration of product appearance and specification below are without further notice.

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## Camera Brief Introduction

It is easy and flexible for operation and installation. You can mount it onto bicycle, motorcycle, helmet, boat and other sports equipments with supplied accessories.

## Precaution

Pls be well noted with the following guidelines before you use this camera,

- \* Pls refer to user manual and operate the camera correctly.  
Illegal operation may cause damage to camera internal components.
- \* Do not fall or hit the camera, it may damage the internal components.
- \* For safety consideration, please keep the camera from the children and animals, in order to avoid accident
- \* Do not place the camera in a damp or dusty location for extended periods of time. This may cause a fire or an electrical shock.
- \* Do not leave the camera in places exposed to extremely high temperatures, such as under direct sunlight for extended periods of time. This may affect the camera housing and internal components.
- \* We recommend using batteries in temperatures between 0°C to 40°C.
- \* Turn off the camera before removing the memory card, in case of the damage of card or storage data.
- \* Pls do not alter or disassemble the camera to avoid the damage to it or electric shock.
- \* The temperature rise is normal after using the digital cameras for a long time.
- \* Do not touch the lens during using the camera, so as not to influence the photography effect.
- \* Please use the air blower (special lens blowing equipment) to clean lens or use special lens-cleaning cloth to clean fingerprint or dust on the surface.

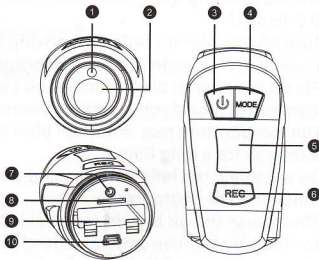
## Accessories

- 1) Helmet pedestal
- 2) Quick-release buckle
- 3) Long screw
- 4) USB cable
- 5) Charger
- 6) Rotatable handlebar mount
- 7) 3M pads
- 8) Nylon belt
- 9) User manual
- 10) Waterproof cover with USB socket
- 11) AV cable
- 12) Battery
- 13) Rubber pads
- 14) Gopro Mount adapter



## Interface Introduction

1. Laser light
2. Lens
3. Power key
4. Menu key
5. LCD screen
6. REC key
7. TV out port
8. Micro SD card slot
9. Battery slot
10. USB port



## Mounting Description

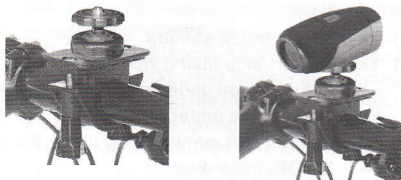
### 1. Mount helmet pedestal onto the top of helmet

Thread the nylon belt through the helmet pedestal and then through the hole on the top of helmet, fasten the belt and fix it, put a 3M pad under helmet pedestal to make it more firmly. As shown in below image:



### 2. Install rotatable handlebar mount

Screw the camera into rotatable handlebar mount, and then mount onto the handlebar of motorcycle or bicycle. As shown in below image:



## Battery Charging

Connect charger with camera using USB cable, and then plug in the power supply. During charging, the red indicator is on. When fully charged, the red indicator will turn off.

Remark: (1) Pls cut off the power if anything unusual happen during charging.  
(2) Pls use original parts, charger and USB cable to guarantee its normal working.

## Insert and take out storage card

Insert Micro SD card


Insert MICRO SD card according to the icon on the left of card slot, push the card to the proper position.

Remark: If no card or card inserted improperly, on screen it displays resolution icon and FULL.

Take out the storage card

Press the end of the MICRO SD card slightly, it will eject automatically.

## Button Function Description

- (  ) key: To turn on/off camera
- ( **REC** ) key: To start/stop taking video; to choose and adjust option under menu setting; to stop take photos under Automatic Photo MODE
- ( **MODE** ) key: To enter into menu setting under Standby MODE; to confirm

## Basic Function introduction

### Turn on/off the camera

#### 1. Turn on

Press once power key to turn on camera. ON displayed on screen. Camera starts to record automatically. Press once power key again to stop recording and it saves video automatically. On LCD screen it displays the remaining record time of card, on top left corner is card icon, on top right corner is resolution icon.

#### 2. Turn off

Long press power key for 2 seconds. It displays OFF on LCD screen and camera will turn off. (Under standby MODE camera will turn off automatically if there is no operation within 60 seconds.)

#### 3. Camera auto recording once plugged in charger

Under Shutdown MODE, camera will turn on and start to record automatically once the charger is plugged in. It will stop recording and turn off automatically after 10 seconds once the charger is unplugged.

Remark: It needs to set the camera loop recording in menu then camera will auto recording when plugged in charger, if menu set normal recording, it will not have such function.

### Video MODE

**Normal recording:** Under Standby MODE, press REC key to start to record. LCD screen flickers and displays the current recorded time. Press REC key again to stop recording. LCD displays the remaining record time.

**Loop recording:** Under Standby MODE, press once REC key to start to record. LCD screen flickers and displays the current recorded time. When the recorded time is up to each 2 mins, it will save the video footage automatically and continue recording. When storage card is FULL, it will overwrite the first video footage by time sequence and

continue recording and so on. Press REC key again to stop recording. LCD displays the remaining record time.

Remark: Pls refer to MENU setting to switch to normal recording/ loop recording

### **Inversed Direction Recording**

Under Standby MODE, invert the camera and then press REC key to start to record , press REC key again to stop recording. It will save video automatically, and the video footage you get is upward image.

Remark: Keep camera in upside down direction during recording, if invert again the camera while recording, it will get downward image.

### **Laser light**

The camera is with laser light designed for positioning during recording, and laser light is on for 10-20 secs once camera turns on and flickers 3-5 times when camera turns off.

**Low battery vibrating warning:**

Camera gives out a low battery warning by vibrating for 10 secs once low battery icon is displayed, it means low battery and about 30 mins working time left. When power is run out, camera gives out a long low battery warning and turns off.

### **Automatic Photo MODE**

Set automatic photo time from menu setting, long press MODE key to confirm and exit setting. Camera will start to take photo automatically as the time set. Long press MODE key or REC key to exit Automatic Photo MODE.

### **Menu Setting**

Under Standby MODE, press MODE key to enter into menu setting, press REC key to adjust option, press MODE key to confirm and enter into next setting. If no need to set following options, long press MODE key to exit setting.

#### **1. Video resolution setting**

Under Standby MODE, press once MODE key. There are 2 resolution icons (1080P 30, 720P 60) displayed on LCD screen, the one flicking is the current selected resolution. Press REC key to switch to resolution (1080P/720P), press MODE key to enter into next setting.

#### **2. Loop recording on/off**

It displays ON on screen. Press REC key to switch to ON/OFF (On means loop recording. Off means normal recording, press MODE key to confirm and enter into next setting.

#### **3. TV MODE Setting**

It displays N on screen, press REC key to switch to N (NTSC)/ P (PAL) MODE, press MODE key to confirm and enter into next setting.

Remark: Defaulted TV MODE is NTSC.

#### **4. Brightness Setting**

It displays C on screen, press REC key to switch to H/C/L (H means video with high brightness, C cental brightness and L low brightness), press MODE key to confirm and enter into next setting.

#### **5. Deleting File**

It displays NO on screen, press REC key to switch to NO/ONE/ALL. (NO means not to delete file, ONE means to delete the last recorded file, ALL means to delete all), press MODE key to confirm and enter into next setting.



## 6. Time Setting

\* Under Year setting, icon Y flickers on screen, meantime, the 3rd digit of Year flickers. Press REC key to adjust number(1-2), then press MODE key to confirm, meantime, Y and the forth digit of year flicker, press REC key to adjust number(0-9), then press MODE key to confirm and enter into month setting.

\* Icon M and the first digit of month flicker, press REC key to adjust number (0-1), then press MODE key to confirm. Then the second digit of month flickers, press REC key to adjust number (0-9), then press MODE key to confirm and enter into date setting.

\* Icon D and the first digit of date flicker on LCD, press REC key to adjust number (0-3), then press MODE key to confirm. Then the second digit of date flickers, press REC key to adjust number (0-9), then press MODE key to confirm and enter into hour setting.

\* Icon H and the first digit of hour flicker, press REC key to adjust number (0-2), then press MODE key to confirm. Then the second digit flickers, press REC key to adjust number (0-9), then press MODE key to confirm and enter into minute setting.

\* Icon M and the first digit of minute flicker, press REC key to adjust number (0-5), then press MODE key to confirm. Then the second digit flickers, press REC key to adjust number (0-9), then press MODE key to confirm and enter into next setting.

## 7. Capture MODE

It displays 1 on screen. Press REC key to switch to 1 / 3 / 10 second (automatic photo time). Long press MODE key to exit menu setting.

Remark: If you want to skip the year, month, or other settings, press MODE key to skip and enter into next setting: e.g. when set the year, press the MODE key once if there is no need setting the third digit, then it will skip to next setting.

## 8. Format Card

Insert the card, if any other format files stored in the Micro card, camera screen will display FOR indicating that card needs formatting before use. Press REC key to start formatting and REC will be quick displayed on screen once format is done, then camera will start to record automatically. (If you don't want to format, press MODE key to exit or press power key to turn off).

## Playback video footage on PC

1. Under Standby MODE, connect camera with computer using USB cable. It displays PC on LCD screen. Open folder from path → My computer → Removable disk → DCIM file → 100COACH, and you can view videos or pictures.
2. Exit removable disk and pull out USB cable. Camera will turn off automatically with OFF displayed on screen.

## Playback video footage on TV

Under Standby MODE, connect camera with TV using AV cable. It displays AV on LCD screen. Then it starts to playback the last video. When the current footage completed, it will continue playback the other videos by time sequence. Press REC key to pause, press REC key again to continue playback.

## **Technical specification**

<b>Sensor:</b>	<b>5 Mega CMOS</b>
<b>Resolution:</b>	<b>1080P (1920*1080)30FPS</b> <b>720P (1280*720) 60FPS</b>
<b>Picture size:</b>	<b>5M (2592*1944)</b>
<b>Screen:</b>	<b>LED Display</b>
<b>Storage:</b>	<b>Micro SD card , supports up to 32G</b>
<b>Lens:</b>	<b>All glasses wide angle160</b>
<b>File format:</b>	<b>AVI/JPEG</b>
<b>Audio:</b>	<b>Built-in Microphone</b>
<b>Port:</b>	<b>USB/TV OUT</b>
<b>Battery:</b>	<b>Rechargeable Li-ion battery</b> <b>3.7V/800mAh</b>