

Instructions for Full HD 1080P ActionCam TOPCAM

TOPCAM is an All-in-one ActionCam which Adopt new technology design. The Video resolution is up to 1920 x1080P with FULL HD high resolution images. Photos is 12 million pixels, with Built-in G-SENSOR. Image auto-flip is 180 degrees . It use Mirco TF card as the storage devices. Small volume, Power Saving, easy for carrying. More meticulous and perfect video images can be recorded .

Product configuration and function

- CMOS HD Sensor AR0330
- DSP:AIT8427
- Video formats: AVI
- Compressed format: H. 264
- Image formats: JPG
- Video Resolution: FHD(1920X1080 30fps);HD(1280X720 60fps);HD(1280x720 30fps)

- Photo Resolution: 3.0 Mega pixels(2048*1536); 5.0 Mega pixels(2560*1920);8.0 Mega pixels(3264*2448);12.0 Mega pixels(4000*3000)
- microSD card slot, supports up to 32GB (**memory card may not be included for different packages**), suggest using Class 6 or above
- Built-in G-sensor
- 2.5 MM AV output
- 180 Degrees Auto Rotation
- Power: Micro USB DC 5V power supply
- Built-in microphone.
- Support Movie Loop Recording
- Rechargeable LIPO Battery lithium battery
- Motion Detection
- Buttons: Power/Mode/Shutter/Reset
- Indicator LED Light :Yellow/Blue/Green/Red
- USB2.0, plug and play, easy connection with computers, no driver needed
- Computer system: windows me/2000/2003/vista/xp/win7
- Size: 65mm (L) x 35mm (W) x18mm (H)

- Multi functioned, you can use it as a Pocket camcorder, sports camera, driving recorder, a camera, a webcam, a removable USB drive.





Operation

1) Update the Firmware with Micro SD card

Insert the memory card, Long press the POWER Button for 2 seconds, The camera will update the firmware after detected the file. The yellow Led will flash fast till it is proceed .you will need to delete the firmware file .

2) video format: AVI

3) Simple Operation

Long press (2 s) power key to turn on the camera

If there is no memory card or memory card is invalid, or the capacity is not enough , the Red ,blue ,green LED will flash approx. 10 seconds then turns off .

If it is low battery, the red light will flash every 1 second then flash faster and will powered off after 10 seconds .

In Normal condition , The Red, blue, green light will flash 2 seconds then the blue light is on, it goes into 1080 p standby mode(default is 1920 x1080 30 FPS Video recording standby mode). If there is no operation within

30 seconds, it will be auto power-off. Short press the Mode button within 30 seconds to go into the 720 p mode(1280 x 720 60fps green light is on and 1280 x 720 30fps the red light is on).

In 1920x1080 30fps video recording standby mode, briefly press REC key to start to record the blue light flash slowly which indicating it is recording .Shortly Press REC key again to stop and save the video file. It return to standby mode and the blue LED is on.The item will be power off if no action after 30 seconds.

In 1920x1080 30fps video recording standby mode, the blue LED is on, shortly press the MODE key (1 second) to enter into 1280 x 720 60fps video recording standby mode, the green LED is on.Press REC key (1 second)to start recording and the green LED flashes .you can press the REC key to stop recording and save file.and it is back to 1920x720 60fps video recording standby mode.The camera will be turned off if there is no action after 30 seconds.

In 1920x720 60fps video recording standby mode, the green LED is on, shortly press MODE key (1 second) to enter into 1280 x 720 30fps video recording standby mode, the red LED is on.Press the REC key (1 second), it enter into 1280 x 720 30fps video recording mode,red LED flashes ,press REC button again to stop vido recording and save file, and it will back to 1920x720 30fps video recording standby mode ,the red LED is on.The Camera will be powered off if no action after 30 seconds.

In video recording mode,if the voltage or memory is low ,the video file will be saved automatically(The red LED flash slowly first,then flash fast, it is power off atutomatically)

In video recording, gently press the POWER key,the video file will be locked.It can' t be deleted or covered under cycle mode.If it isn' t in cycle mode,the current file will be locked.

In any mode,long press (5 second) the POWER key,the device will be turned off .In Video Recording ,long press the Power button ,the image will be saved and automaticall power off .

Video Recording in any mode,briefly press the MODE key to take snapshot (photo)

In Video Recording standby mode , long press the MODE for 3 seconds will turn to photo mode, the green and blue lights turn on , take one picture by pressing the REC key shortly, when the green indicator is on (the blue LED flashes one time) , long press the REC key(3 seconds for continuous shooting 3pcs photos . The green LED turn on (the blue light is off, after continuous shooting , the blue light will turn on). Under photo standby mode, long press the MODE button for 3 seconds, the green and blue indicators are off, it enters into video Recording 1080P standby mode.

While power supply , in standby mode , long press the REC button (3 seconds) to enter into motion detection standby mode . the indicator flashes per 3 seconds , if there is moving objects , it flashes per 1 second. and the image will be saved after 1 minutes . (you can set the recording in the USERCFG TXT file), long press the REC button for 3 seconds to exit the motion detection function and goes into video recording standby mode.

4) Connect computer with Micro USB

A. With memory card

- If the camera is turned on and in standby mode , it goes into Removable Disk mode. Memory card can be read and wrote. the red and green lights are on.
- If the camera is turned on and is recording , it can not be entered into Removable Disk mode, it can recording while charging .
- If the camera is turned off. Connect with computer, the yellow light turn on while charging, and the LED is off after full charged , and it goes into Removable Disk mode. Memory card can be read and wrote. The red and green indicators are on .

B . Witout Memory Card

- If the device is turned on , the indicate light flashes alternatively and connect with computer , it goes into PC Cam mode . The red , blue , green light flashes at the same time .

- If the device is turned off ,connect to the computer ,camera will power on automatically .it goes into PC Cam mode .The red ,blue ,green light turn on .the LED is yellow while charging ,and it is off after full charged .

5) Connect it to Charger with micro USB Cable ..

- If the camera is turned on and in standby mode . connect it with charger , and you can change the mode to take videos or photos.
- If the camera is turned off .connect it with charger ,it power on automatically ,and goes into video recording Mode and keep charging. the LED is yellow when charging ,and is off after full charged (it can be set that whether it goes into video recording mode automatically or not when connect it with charger)
- If the camera is turned off ,connect it when connect it with charger then power on ,it goes into standby mode.and you can change the mode to take videos or photos
- If the camera is turned on and is recording video ,connect it with charger ,it is taking video while charging .

6) Connect the camera with TV: (Can record or take photo while connect with TV)

- Connect to TV ,it has functions as video recorder,function changing,motion detection and playback.
- a),In video Recording standby mode,shortly press the Mode Key to change the video recording mode 1080P,720P(30/60FPS) ,briefly press the REC button to start video recording and pause(there is no snapshot function by shortly press the Mode button) ; press “REC” button approx.3 secons ,it goes into motion detection function ,In Motion Detection Mode,hold the “REC” button about for 3 seconds ,it return to the video recording standby mode .
- B). In Video Recording standby Mode,Long press the Mode Button for about 3 seconds ,it goes into Picture taking mode ,Briefly press the

“REC” button to take picture (photo resolution depend on the settings in USERCFG.TXT),long press the Mode Key to video playback Mode .

C. In Picture Capture Mode, long press the Mode button for 3 seconds to goes into video playback mode ,and the video files be shown in Zodiac grid, shortly press MODE button to choose the next file of the video files ,briefly press REC button to choose the video to playback ,While Pause ,press Mode button to return to Zodiac grid mode , shortly press Power button to page up ,and the selected file we be shown in the first one file ,longe press the Mode button to return to picture playback mode .

D, In Video playback mode , long press the MODE button for 3 seconds to get into picture playback mode ,and all of the photos will be shown in Zodiac grid mode , shortly press the MODE button to choose the one you would like to see ,and shortly press REC button to choose the one to playback ,briefly press MODE button to return to Zodiac grid , shortly press POWER button to page up ,and the selected picuture will be shown to be the first one, long press the MODE Button to return to Video Recording standly mode .

7)In-Camera Formatting: In picture taking mode ,press POWER and MODE buttons to format the TF Card .

8),Set by USB or the TXT file in the root of the TF Card.

Press MODE KEY,connect with PC by USB Cable in turn off status,the green LED light of TOPCAM will be on after 5 seconds,or you will hear the beep of PC connection,then release MODE KEY.There will be a “USERCFG.TXT” in the Removable Disk of your PC,you can revsie and set in the “USERCFG.TXT”,make sure the time setting is accurate.Save the revision “USERCFG.TXT” in the removable disk.Disconnect the USB Cable ,turn on the TOPCAM again.The setting “USERCFG.TXT” of TOPCAM will update automatically for the revision setting.

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|----------------------|---|
| A. StillSize=3 | ;0:12M, 1:8M, 2:5M, 3:3M. |
| B. VideoSize=0 | ;0:1080P30, 1:720P30, 2:720P60 |
| C. VideoClipTime=3 | ;0: Off, 1:1min, 2:3min 3:5min, 4:10min |
| D. Video Off Time=0 | ;0:5sec, 2:15sec, 3:30sec |
| E. RecordWithAudio=0 | ;0:0n, 1:0ff |

F. EV=6 ;0:-2, 1:-1.66, 2:-1.33, 3:-1, 4:-0.66, 5:-0.33, 6:0, 7:+0.33, 8:+0.66, 9:+1, 10:+1.33, 11:+1.66, 12:+2

G. TV-Output=0 ;0:NTSC, 1:PAL

H. Flicker=1 ;0:50Hz, 1:60Hz

I. GSensorSensitivity=3 ; 0:Off, 1:Super Low, 2:Low, 3: Middle, 4:High, 5:Super High

J. TimeStamp=0 ;0:Time+Logo, 1:Time, 2:Logo, 3:None

K. MotionSensitivity=3 ;0:Off, 1:Low, 2:Middle, 3:High

L. MotionVideoTime=0 ;0:10sec, 1:30sec, 2:1min

M. BitRate= 12 ;1 ~ 15, Unit: Mbits

N. SensorFlip=0 ;0:normal, 1:flip, 2:Auto

O. DateTime=2013-11-08/12:34:56 ;2013-11-08/12:34:56

P. CarId=B1688 ;B1688

Q. Version - SV201/1112

RESET

When the camera do not work because of illegal operation or other unknown reason ,it need to be reset .

Specific operation method is : use a thin rod click on the reset button ,one reset operation can be realized .

Matters need attention :

Use occasions :please strictly abide by the relevant national laws ,this product may not be used for any illegal purpose ,otherwise the consequence is proud .

Working temperature :please use it under natural temperature ,do not work in the human body that can' t adapt to the temperature .

Working humidity:please use under suitable for human living environment humidity ,please do not put product in humid environment ,the product does not have waterproof function ,please keep the product for water of exposed to the rain.

Shooting illumination : please have adequate light source under the environment of use ,do not use camera directly toward the sun ,super light ,in order to avoid the optical device is damaged .

Cleaning requirements : do not use it under the environment of the dust density is too large ,so as to avoid the lens and other components from dust ,impact camera effect .

Waste treatment: please pay attention to environment protection ,do not throw this product .Forbid throwing this product in a fire ,so as to avoid explosion .