

<1080P Full HD Sports Camera>

User Manual



Thanks for purchasing our camera !

This sports camera provides simple operation, allowing you to

capture all those memorable moments. Its robust design,

provides a durable, waterproof sports camera ideally suited to

bikers, skiers, surfers, hunters, duckers or any other activity that

requires hands free operation. Record your video in clear 1080P

resolution and simply download from the Micro SD card into

PC/Mac.

Enjoy your camera with safe.

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Precautions

1. Do not use the camera in extremely hot, cold, dusty or damp environment.

2. This camera is waterproof. But please do not use it over 60meters

under water. Also before using underwater, please make sure to

place the camera into the Waterproof Housing.

3. The camera needs a micro SD card to work, please insert card before

using.

4. The life of battery according to the environment, A colder

environment will drain the battery faster, Normal operating time is

1.5 -2 hours

5. Please check the camera and charge batteries when you leave it for

long time.

6. Do not disconnect the camera from PC during uploading or

downloading data, it may damage to your instruments like PC, video files or the camera.

7. We don't have any responsibility with any reasons for the data loss.

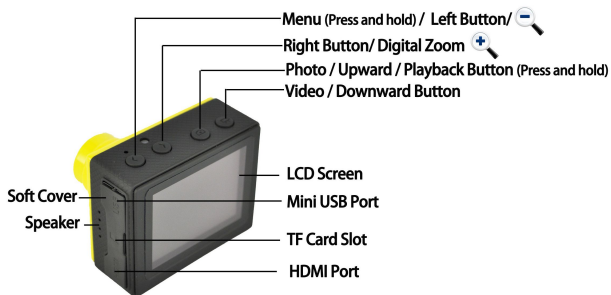
Please follow user manual and backup your data in time.

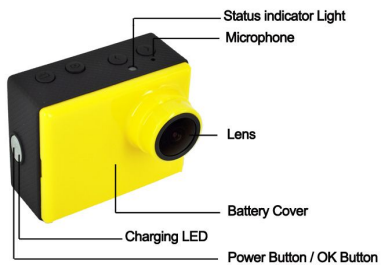
8. Do not open the camera by yourself for any reasons. That will break the tamper seal and avoid our warranty. If you have any question or

problem, please contact your dealer.

9. Do not use the camera in very dark or strong light. That will occur

bad images and may break an imaging sensor.





Features

- 1080P HD digital recording with audio

- VGA@60fps & 480P@60fps

& 720P@60fps/@30fps & 1080P@30fps are selectable

- 8 Mega pixels wide dynamic HD IMAGE SENSOR
- 2.0 inch HD display
- Microphone built-in
- Support PC Camera
- Support Digital Zoom
- Support AV OUT
- Support recording while charging

- Overwritten recording can be set up
- 60 meters waterproof
- Date/Time stamp on digital video(optional)
- Support HDMI output. Enjoy your video with ultra high quality.

How to use

For first time to use

1. Make sure the camera turned OFF before insert or remove the card!

2. Open the Soft Cover which located at the side of the camera.

3. Insert a Micro SD memory card (max up to 32GB) into the rear slot. To

insert the micro SD card, slide the micro SD card into the card slot on the

side of the camera with the card label facing down. Insert the SD card into

the camera until make a “click” sound. Use fingernail can be easier to do.

Then close the Soft Cover till completely lock.

4. The Micro SD memory cards must be formatted before use. If you are

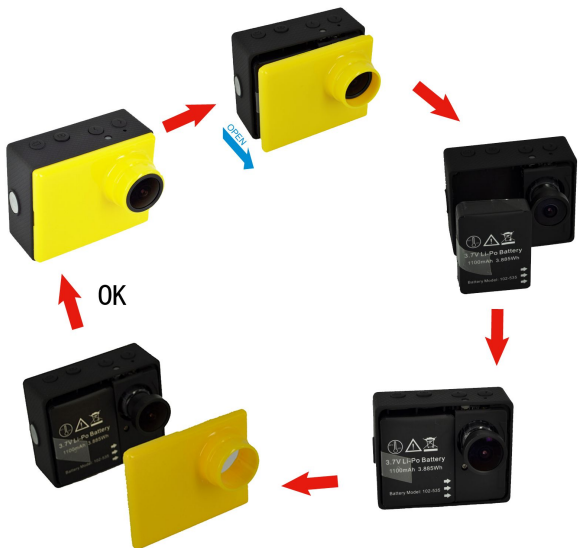
using the Micro SD memory card from other devices, please make sure to

format the SD memory card in your computer to use in the camera.

5. Place battery into the camera.

6. Close the lid

To remove and replace the battery:





Charging the battery

Open the Soft Cover located at the rear of the camera and Plug the USB

charger on the camera. Green light turned on while recharging turned off

when the battery is fully charged. The first recharge the battery need 8

hours before use. You can record up to 75~100 minutes with one battery


full charged.

Power on/off your camera

Power on	Long press power button for 1-2 sec. Red LED will turn on. Now the camera is power on and standby mode.
Power off	Long press for another 3 sec. to power off.




Record a Video

Press the video button  , The red status indicator light will flash while

recording. Press the video button again to stop recording.



Take a Picture

Press the photo button , There will be a clicking sound. Take Still

Pictures, in photo mode the camera can capture image in burst rate at

3/1sec.



Playback on PC & TV

MS OS

Turn off the camera first. Open the Soft Cover and connect with your

computer via USB cable from the USB port, then turn on the device! The

driver will be automatically install to your computer. Screen will appear

three options select. The default selection is the first Mass Storage, and

then clicks the Enter button. Or you can take out the Micro SD card and

use your own card adapter to connect with your computer too.

TIP

This camera saves videos by MOV format, can be played by Windows

media player & QuickTime player directly. This camera records full HD

videos, file can be big and hard to compute. If video is not smooth, please

try other players or High grade computer.

MAC OS

Simply plug the camera into your MAC via USB cable, turn your camera on,

and the MAC OS will recognize the camera as an external hard drive.

TIP

When deleting files from your SD card, you must empty the trash box before removing the camera or unplugging it. If you do not empty your trash box, the photos and videos files will not be completely erased from your card.

Playback on TV (via HDMI cable)

You can playback your photos and videos on the camera, with a

HDTV. Playback appears as a camera mode when camera is powered

on and plugged into a HDTV. This HDMI port can transmit the

images of this device to external HDTV display equipment for

playback, display, etc.

1. Plug the camera into a HDTV with the HDMI cable.

2. Power on.

3. Press and hold photo button  ,Enter Playback mode,Previews

of all videos and photos on HDTV display.

4. Press photo button and video button to select more media files.

5. To play Videos: Press Power on/off button for OK.

6. Press and hold photo button to back to standby mode.

Press and hold the same button again to logout

LED Status Chart

LED Status	Red LED	Green LED
Standby	ON	OFF
Taking Video	Flashing	OFF
Taking Photo	ON	OFF
Charging	OFF	ON

Photo Setting

Capture Mode	Single / 2S Timer / 5S Timer/ 10S Timer
Resolution	12M /10M /8M /5M /3M /VGA
Sequence	OFF / ON

Quality	Fine / Normal / Economy
Sharpness	Strong /Normal /Soft
White Balance	Auto/Daylight/Cloudy/Tungsten/Fluorescent
Color	Color / Black&White / Sepia
ISO	Auto /100 /200/ 400

Exposure	-2.0 -5/3 -4/3 -1.0 -2/3 -1/3 +0.0 +1/3 +2/3 +1.0 +4/3 +5/3 +2.0
Anti-Shaking	OFF / ON
Quick Review	OFF / 2Sec /5Sec
Date Stamp	OFF / ON

Video Setting

	<p>1080FHD 1920 x 1080 @30fps</p> <p>720P 1280 x 720 @30fps</p> <p>720P 1280 x 720 @60fps</p>
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Resolution	480P 848 x 480 @60fps VGA 640 x 480 @60fps
Loop recording	OFF/3 min/5 min/10 min/20 min/30 min
HDR	OFF / ON
Exposure	-2.0 -5/3 -4/3 -1.0 -2/3 -1/3 +0.0 +1/3 +2/3

	+1.0 +4/3 +5/3 +2.0
Record Audio	OFF / ON
Date Stamp	OFF / ON
Anti-Shaking	OFF / ON

Setting

Date/Time	YY/MM/DD
Auto Power Off	OFF. / 3 Min. / 5 Min. / 10 Min
Beep Sound	OFF / ON
Language	English/Francis/Espanola/Portuguese

	<p>/Deutsch/Italian/简体中文/繁体中文/日本語</p> <p>/韩语/Magyar</p>
TV Mode	NTSC / PAL
Frequency	50Hz / 60Hz
Format	Internal Memory / SD Card

Screen Saver	OFF / 30 Sec/3 Min /5 Min/10 Min
Default Setting	Cancel / OK
Version	V0.03

Trouble Shooting

Q : It does not work, what shall I do?

A1 : Check the camera power on.

A2 : Check there is card inside of camera.

A3 : Change another card for try or reset camera.

Q : Camera is unable to charge, what shall I do?

A1 : Try another USB cable or another charger.

A2 : Try another Battery

A3 : Remove the card and insert again.

Q : How can I know the battery is low?

A : When battery is low, the screen will display the “battery low” and

camera will turns off.

Q: Insert Card, that card error ?

A: Please format the SD card in the machine

Specifications

Image Sensor	1/3 inch CMOS
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View Angle	150 degrees Fish Eye View(Changeable)
Image Sensor Pixel	8 Mega pixels
LCD	2.0 inch HD display
Recording Resolution /Frame Rate	1920*1080 (1080P)/30fps 1280*720 (720P)/60fps 1280*720 (720P)/30fps 848*480 (WVGA)/60fps

	640*480 (VGA)/60fps
Audio Recording	Micro Voice Recorder
Video Codec/Format	H.264/MOV
Video File Size	1.4M/second while 1080P 1.2M/second while 720P 850KB/second while WVGA

Video File Length	3,5,10,20,30 minutes
USB Interface	USB 2.0
HDMI OUT	Support HDMI output
Memory	support micro SD card up to 32GB
Battery Type	Rechargeable Lithium-ion battery 1100mAh
Battery	working time : 1.5-2 hours Recharging time : 3-4 hours

Dimension	58*26*46mm
Weight	72 g(Including Battery) 163g (Including waterproof shell)
OS	MS Windows Vista,7 or upper Mac 10.6.6 or upper

*Design and specifications can be changed without notice