

## SG-2.1W Action Camera



### Video Mode

Icons on Video Screen:

1. Video mode icon
2. Touch start/stop recording icon
3. Menu of video model icon
4. Wifi icon
5. Video Resolution icon
6. Recording time icon
7. Motion detection icon
8. Loop recording icon
9. EV icon
10. TF card icon
11. Battery indicator icon
12. Date icon
13. Time icon



### Normal recording

Press OK button to start the recording and press the button again to stop the recording.

### Loop recording (refer to menu setting)

Under standby mode press OK button or press " " icon to start recording, the blue light working indicators will twinkle. Short press the OK button can stop recording, the blue working indicators will light up. When the footage of the video reach the selected recording time, the camera will save the footage automatically and continue recording with a new clip. When TF card is full the camera will overwrite the first footage by time sequence and continue recording.

Note: Please use "Class 10" and above TF card to ensure camera works properly.

### Playback menu:

Lock Current : Lock/Unlock  
Erase This : OK/NO  
Lock All : OK/NO  
Unlock All : OK/NO  
Erase All Images : OK/NO

Note: If you want to back to main interface, you should press the button " ".

### System Menu:

WiFi : Off/On  
Touch Panel Function : Off/On  
Setup : Year/month/day/hour/minutes  
Auto Power Off : Off/1Minute/2 Minutes/3 Minutes/5 Minutes/10 Minutes  
Language : Spanish, English, Italian, German, French, Portuguese, Japanese Chinese and Russian.  
Frequency : 50HZ/60HZ  
All date will be deleted : OK/NO  
Return Menu setting to be faults : OK/NO  
VER : V2.2\_20180420  
Screen Save : Off/1 Minute/3 Minutes/5 Minutes/10 Minutes

### Install and use WiFi

1. Download the App "MioCam" from App store or Google Play;
2. Long press OK Button to Open WiFi function.
3. Find the WiFi SSID "Swiss+Go SG-2.1W" on your smart phone (The default password is 12345678), Then connect the wifi.
4. Open the APP "MioCam" on your smartphone. You can control the camera via your smart phone.
5. Long press OK button again to exit the WiFi setting.



Note: The effective distance is influenced by environment. The decrease of the WiFi signal and an operation delay are normal circumstance during use.

## Precaution

Please be well look through the following guidelines before you use this DVR:

- Please refer to the instruction manual to operate the camera correctly. Illegal operation may cause damage to internal components.
- Do not fall or hit the DVR, it may damage the internal components.
- Do not alter or dismantle the DVR to avoid the damage to the DVR.
- The temperature rise is normal when DVR is in use for a long time.
- Do not touch the lens when recording which will affect the video quality.
- Please put this DVR on safty place,Keep away from child and pet.

## Special Features

### Body waterproof

This machine can work normally without any case underwater 10 meters.

### Smart touch screen

2.0 high-definition capacitive touch screen, intelligent operation more simple and faster.

### Inversion Mode

If need to invert camera while using, you can set "inversion mode" in the menu "on", then the picture on the screen of the camera can be rotated 180°, but characters and images on the screen will be shown in the correct alignment.

### WiFi Function

It will be more convenient to operate the camera at a distance of 10 meters using a mobile phone via the WiFi connection.

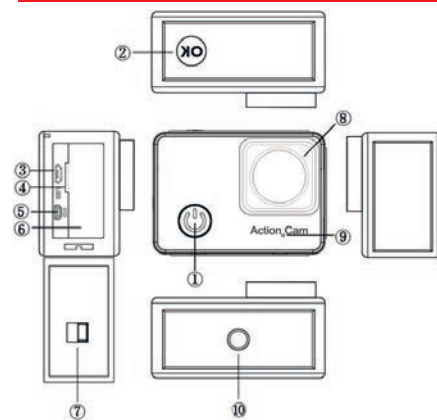
## High Speed photography Function

It can take video under 720P 120fps high frame rate

### Time Lapse

The DVR will take pictures at a certain rate then make a video consisted by the pictures.

## Interface



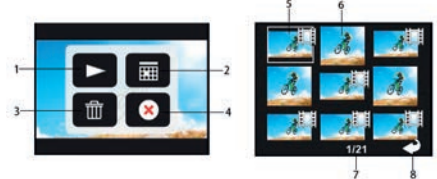
1. Power on/off button/Mode button
2. OK/ Shutter/ Wifi button
3. USB port
4. Tf card slot
5. HDMI port
6. Battery
7. Lock of Battery cover
8. Camera
9. Mic
10. 1/4 tripod mount

## Playback Mode

Playback interface:

1. Play
2. Files Preview
3. Delete
4. Quit
5. Video file
6. Photo file
7. Current file number/Total file
8. Return

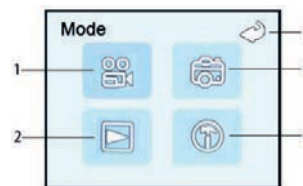
Interface of four icon



Under playback mode, touch the screen twice, it can switch to "interface of four icon", You can finish the operation which you want.

## Menu Setting

1. Video mode
2. Playback mode
3. Photo mode
4. System setting
5. Return



## Button function

### Power button

Long press to turn on/off the camera. Under standby mode short press to power button to transfer the video mode and picture mode.

### OK button

Under standby mode short press to start/stop the recording; Under playback mode short press to start/stop the playback; Under standby mode long press to start /stop WiFi mode. Warm prompt: If you use this DVR under the water, Please turn off the touch screen mode, avoid the water pressure effect your operation.

## Operation

### Power on/off

Power on: Long press Power button, screen shows start up picture the blue working indicators will light up, Camera enters standby mode. Power off: When camera is on, long press Power button to switch the camera off.

### Battery Charging

Connect the Camera with the USB cable to a USB Port on your computer or a USB Charger. The red light will light up during the charging. Once the battery is full, the red light will switch off. It will be faster when you turn off the Camera during charging.

Under standby mode, press main menu " " icon and enter into the menu mode. If you want to quit, Please press " ". Every mode have mode menu, press " " enter into the different mode menu.

## Menu Setting

### Video Menu:

Video Size: UHD24fps 2880x2160 / QHD 30fps 2560x1440 / FHD 60fps 1920x1080 / FHD 30fps 1920x1080 / HD 120fps 1280x720 / HD 60fps 1280x720 / HD 30fps 1280x720 / VGA 240fps 640x480  
Loop Recording : off/3 Minutes/5 Minutes/10 Minutes  
HDR: off/on  
EV: +2.0, +1.7, +1.3, +1.0, +0.7, +0.3, +0.0, -0.3, -0.7, -1.0, -1.3, -1.7, -2.0  
Motion Detection : Off /On  
Record Audio : Off/On  
Date Stamp : Off/On  
Time-lapse Record : Off/1 Sec/5 Sec/10 Sec/30 Sec/1 Minutes/5 Minutes/ 10 Minutes/ 30Minutes /1 Hour/2 Hour/3 Hour/1day  
Image Rotation: Off/On

### Photo menu:

Self Timer: off/25 Timer/55 Timer/105 Timer  
Timer Resolution: 20M 5184x3888 / 16M 4608x3456 / 12M 4032x3024 / 10M 3648x2736 / 8M 3264x2448 / 5M 2592x1944 / 3M 2048x1536 / VGA 640x480  
Burst: Single/Burst 3/Burst 5  
Quality: Fine/Normal/Economy  
Sharpness: Strong/Normal/Soft  
White Balance: Auto/Daylight/Cloudy/Tungsten/Fluorescent  
Anti-Shaking: Off/On  
Quick Review: Off/2 Seconds/5 Seconds  
Date Stamp: Date, Date/Time  
ISO: Auto/100/200/400/800/1600  
EV : +2.0, +1.7, +1.3, +1.0, +0.7, +0.3, +0.0, -0.3, -0.7, -1.0, -1.3, -1.7, -2.0  
HD : Off/On  
Metering : Average/Center-Weighted/Spot  
Scene : Auto/Portrait/Landscape

## Check the File on the PC

Connect the PC via USB cable, it will show the "Mass storage" and "PC camera" on the screen.

Mass storage: Can find the video and photo file on the pc.  
PC camera: PC Camera will be work

## Technical specifications

Camera size	65x46x28.5mm
Weight	80g (not including the battery)
Sensor	Panasonic 16Mega CMOS Sensor
Lens	7G+IR F=2.5 f=3.0mm
Angle	140°
Video resolution	UHD24fps 2880x2160 / QHD 30fps 2560x1440 / FHD 60fps 1920x1080 / FHD 30fps 1920x1080 / HD 120fps 1280x720 / HD 60fps 1280x720 / HD 30fps 1280x720 / VGA 240fps 640x480
Photo resolution	20M 16M 12M 10M 8M 5M 3M VGA
Video file format	MP4 H.264
Photo file format	JPG
Memory	Max support 64 G
USB Port	USB2.0
Screen	2.0 inch capacitive touch screen
Seamless loop recording	Supported
HDMI Output	Supported
White Balance	Supported
Time Lapse	Supported
Burst shooting	Supported
PC CAM	Supported
Image Rotation	Supported
WiFi	Supported
Battery	3.7V 1050mAh 3.885Wh
Language	Spanish, English, Italian, German, French, Portuguese, Japanese Chinese and Russian
Waterproof	10M

## Accessories



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