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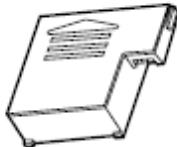
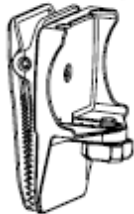



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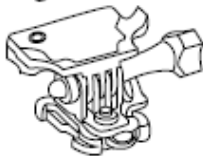








# Main Functions and features

- 1 175° wide-angle lens.
- 2 High-definition video recording with multiple interchangeable recording modes.
- 3 Automatic white balance and automatic exposure.
- 4 External scalable power supply and GPS module.
- 5 Support external TF card up to 64GB.
- 6 Support Audio-in function and external dedicated microphone.
- 7 Support HDMI output function.
- 8 All-round highlight status indicator.
- 9 Built-in speaker and key tone.
- 10 Professional water-proof housing design, up to Grade IP68 and 100 meters waterproof.
- 11 Accessories adopt strengthened structure with improved reliability and stability.
- 12 Rechargeable built-in high capacity lithium-ion battery extends the video recording time.
- 13 Built-in microphone adopts dual-Mic design to achieve stereo and high-quality recording effect.

- 14 100m wireless remote control allows you to control the video camera functions remotely.
- 15 Built-in G-Sensor can function as automobile black box.
- 16 Burst mode can take 10 photos in 1 second to record every detail in high-speed motion.

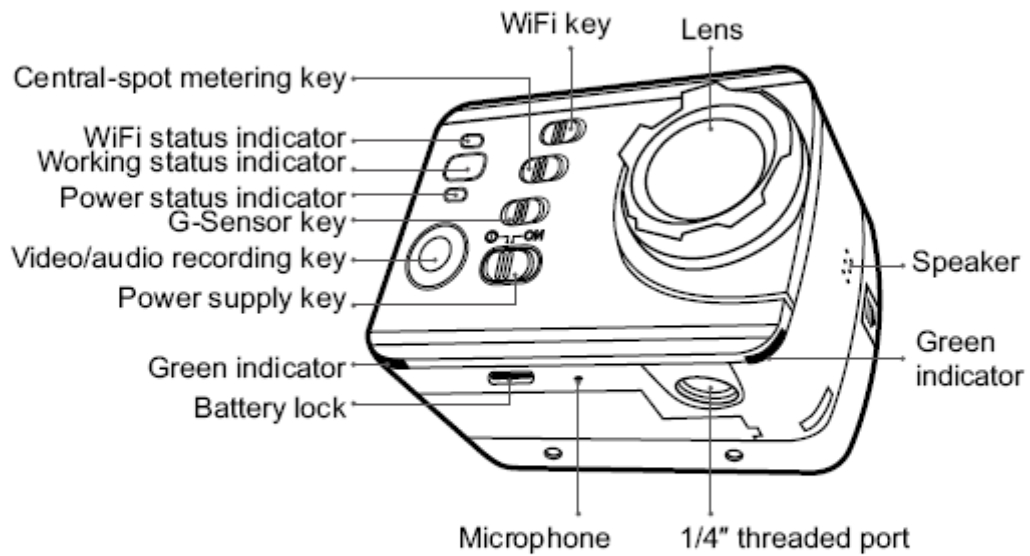
## List of accessories

<p>S50 main unit</p> 	<p>TFT display</p> 	<p>Water-proof housing</p> 
<p>Remote control</p> 	<p>Lithium-ion battery</p> 	<p>Back clip</p> 
<p>Vertical-horizontal joint</p> 	<p>Waterproof plug</p> 	<p>Lens protective cap</p> 

<p>Flat sticker</p> 	<p>Convex sticker</p> 	<p>Plug bracket unit</p> 
<p>Extended adjusting bolt unit</p> 	<p>Moisture-proof foam</p> 	<p>USB data cable</p> 
<p>Power supply terminal</p> 	<p>Cloth bag</p> 	<p>Hand strap</p> 
<p>CD-ROM</p> 	<p>User manual</p> 	

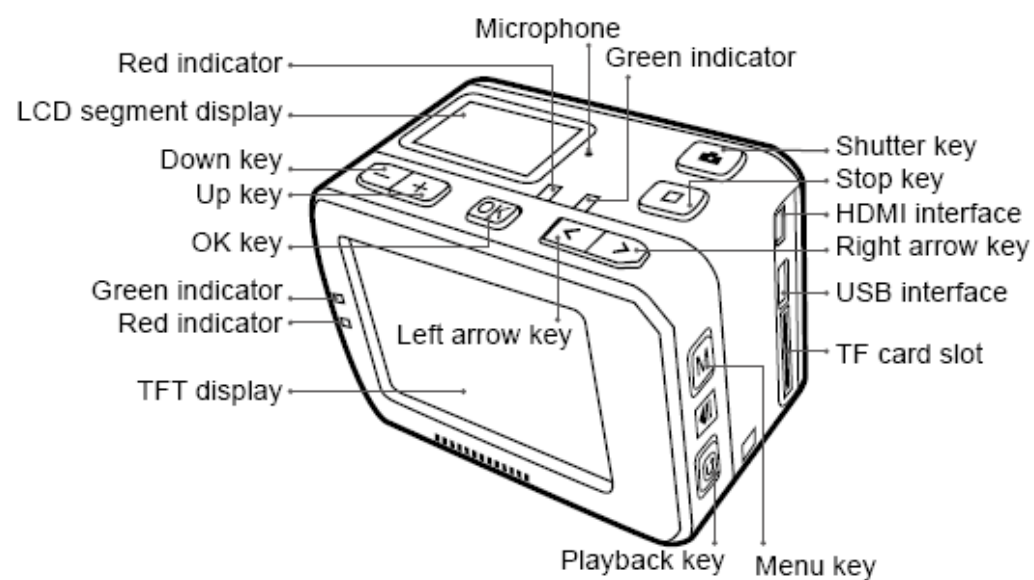
# Component guideline

## Front view





## Rear view:



## Description of indicators

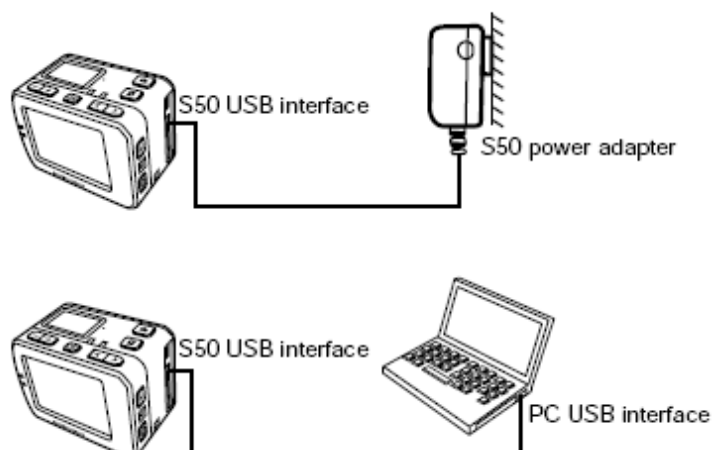
Indicator  Status	Red indicator		Green indicator		Tricolor indicator	
	Quantity	3	Quantity	5	Quantity	1
	Position	1 at front/ top cover/ TFT display each	Position	1 at front/top cover/TFT display each; 2 at bottom side	Position	Front cover
Startup	Stay on					
Video recording			Flash slowly			
Audio recording			Flash slowly			
Photo shooting			Flash once			
Card full			Stay on			
Charging (switched off)	Flash slowly					
Fully charged (switched off)	Stay on					
Low-battery indicator	Flash fast for 5s and then auto power off					
Data transmission	Stay on					
WiFi on					Blue (flash slowly)	

# Preparations before use

## Charging

Start up the unit to check the battery power. If the battery level is low, charge it.

Use the supplied power adapter or USB port of a PC to charge S50:

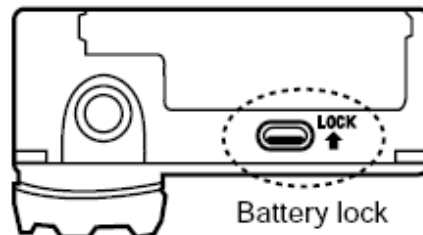


When S50 is charged in power-off state, the red indicator will flash slowly. After the battery is fully charged, the red indicator will stay on.

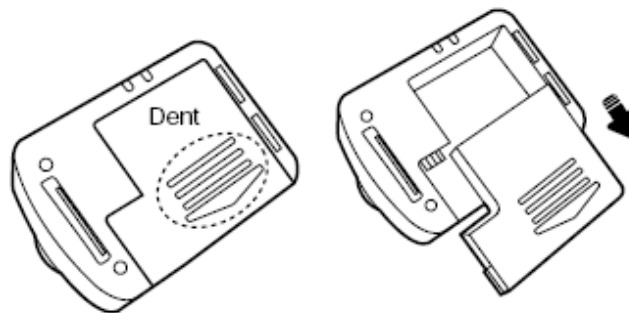
Charging time with power adapter	
Charging time with USB	

Max. continuous video recording time	About 2.5 hours with fully charged battery
Max. continuous audio recording time	About 3 hours with fully charged battery

## Remove the battery



Before removing the battery, ensure that the battery "lock key" at the bottom of S50 is unlocked.

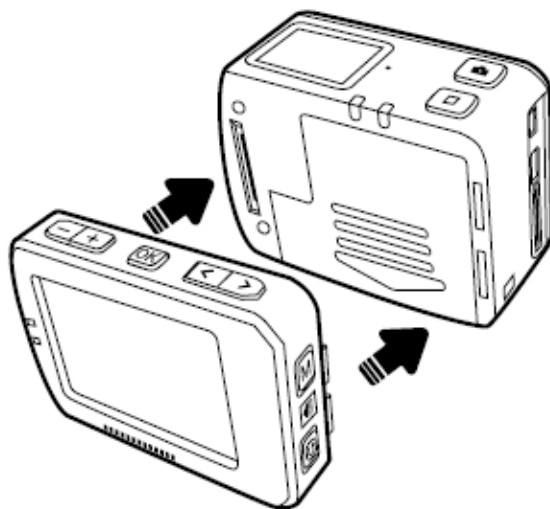


Place the figure at the battery dent and press down the battery in the direction of arrow to detach it from the camera.

## **Install TFT display**

S50 supports external dedicated 2" TFT display, which can perform Setup, Playback and Delete, etc. on the camera to preview or play back the video.

Install the display as shown below:

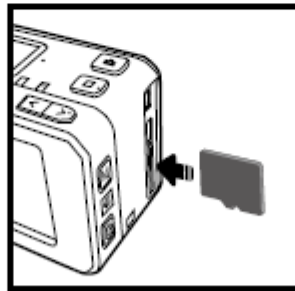


## Insert and remove the memory card

S50 supports external TF card up to 64G. Though all SD cards above Class 6 can be used on S50, high-speed card is recommended to perform high-definition shooting. When shooting during dramatic motion, brand SDHC cards are recommended for use in order to ensure smooth shooting.

\* Insert the memory card

- 1 Ensure that S50 is switched off.
- 2 Insert SD card into the memory card slot in the arrow direction flatly to the end. A “click” can be heard to indicate the card has been well inserted.



\* Remove the memory card

Press the center of exposed part of SD card and SD card will pop up slightly. Then pull it out flatly.

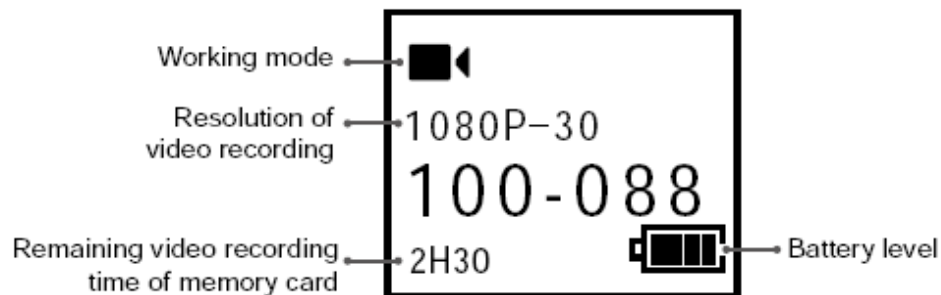
## Startup

Turn the power button to "ON" to turn on S50;

- 3 red indicators will be lit up (one at front cover, top cover and display each)
- The startup picture shows "AEE LOGO" and S50 enters recording standby mode. Now TFT display is shown as below:




- LCD lattice screen is shown as below:



## Time setting

Set time and date by following these steps:


- 1 Turn on S50 to enter recording standby mode;
- 2 Press "M" key to enter the camera setting menu;
- 3 Press "<" / ">" key to select "";
- 4 8. Press "-" / "+" key to select time setting option and press "OK" key to confirm;
- 5 Press "<" / ">" key to move the cursor to the time or date to be modified. Then press "-" or "+" key to modify the time and date and press "OK" to confirm;
- 6 Press "M" key to exit the menu and return to recording standby mode.

Use "<" / ">" key to select the item to the left / right, and use "+" / "-" key to select the item above/below of the selected item. After selection, press "OK" key to confirm operation.

**ⓘ** Note: Please ensure that the date and time are correctly set. This unit will add time to the photo/video based on this setting.



## Language setting

- 1 Turn on S50 to enter recording standby mode;
- 2 Press "M" key to enter the camera setting menu;
- 3 Press "<" / ">" key to select "  ";
- 4 Press "-" / "+" key to select language setting option and press "OK" key to confirm;
- 5 Press "<" / ">" key to move the cursor to the language type to be modified. Then press "OK" to confirm;
- 6 Press "M" key to exit the menu and return to recording standby mode.

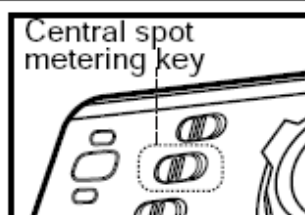
## Select light metering mode

To achieve the best exposure effect, use central spot light metering mode when the central spot is bright while the surrounding environment is dark.

"ON": turn on central spot metering

"": turn off central spot metering

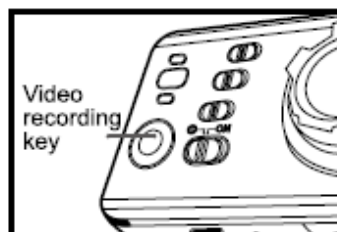
- When central spot metering is turned off, it is set to the optimum IQ metering conditions by default.



## Video recording

### Basic operation of video recording

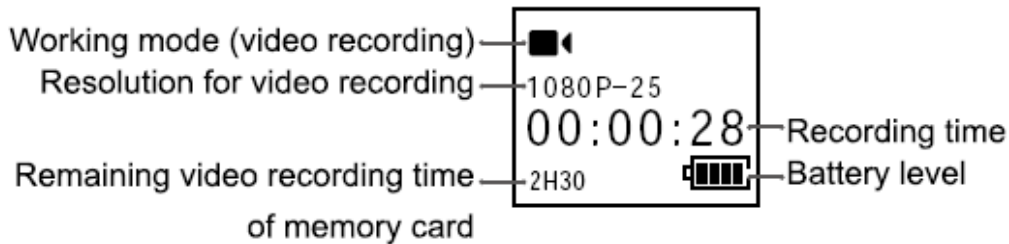
1. Turn on S50 to enter recording standby mode;
2. Aim the lens to the subject and preview it in TFT display;
3. Press "Video recording key" once to start video recording;



- The system will send out a "beep" to signal the start of video recording;
  - The green indicator will flash slowly and time counter starts;
- TFT display is shown as below for video recording:

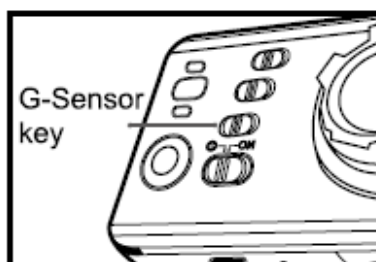


LCD lattice display is shown as below for video recording:



4. During video recording, press the "Stop" key once to stop video recording.
  - The system will send out two "beeps" to signal the end of video recording, and the time counter stops.
  - The green indicator will be turned off.
  - The display will return to recording standby mode.

## Start video recording via G-SENSOR mode




Turn G-Sensor key to "ON" so that S50 will actively sense the change of gravity. The system will automatically start video recording in case of shock or tilting, etc. Especially when this mode is applied in fixed installation, for example, mounted on the vehicle or helmet, it can start video recording timely without the need to start the recording in advance. It can free you from manual operation while conserving battery power.

When the camera does not sense any gravity change for 3 minutes, it will exit video recording.

## Parameter setting for video recording

**Follow these steps to set the parameters for video recording:**

1. Press "M" key to enter the setting menu;
2. Press "<" / ">" key to select "";
3. Press "+" / "-" key to move blue cursor to the sub-menu you want to configure;
4. Press "OK" key to enter the sub-menu;
5. Press "+" / "-" key to select the parameters you want;
6. Press "OK" key to confirm;
7. Press "M" key again to exit the setting menu.

### • Resolution setting







The optional resolutions for video recording are listed as below:

PAL System	NTSC System
------------	-------------



1920×1080i 50f 16:9	1920×1080i 60f 16:9
1920×1080P 25f 16:9	1920×1080P 30f 16:9
1280×960P 25f 4:3	1280×960P 30f 4:3
1280×720P 50f 16:9	1280×720P 60f 16:9
1280×720P 25f 16:9	1280×720P 30f 16:9
848×480P 100f 16:9	848×480P 120f 16:9
848×480P 50f 16:9	848×480P 60f 16:9

- **Visual angle**

Optional visual angle: wide, moderate, narrow.

Wide 	Moderate 	Narrow 
		

- **Bit rate**

This unit provides two bit rate options: high “” and normal “”.  
(If high bit rate is selected, you will get clearer picture with increased file size).

- **Pre-recording function**

Set the video recording mode as “pre-recording” first.

摄像模式: 预录  
1920x1080i 50f 16:9  
视角: 宽  
比特率: 高码率  
间隔录影: 0.1秒

When pre-recording function is activated, press “Video Recording” key under recording standby status, S50 will enter pre-recording mode. Press “Video Recording” key again to start video recording and save the last 5 seconds of the segment prerecorded as the starting part of the video file.

- **Interval video recording**

Set the video recording mode as “Interval Video Recording”:

摄像模式: 间隔录像  
1920x1080i 50f 16:9  
视角: 宽  
比特率: 高码率  
间隔录影: 0.1秒

Interval video recording function allows you to shoot one photo at the time interval specified as one frame for dynamic image. Without subsequent editing in software, you can easily produce dynamic

video showing continuous evolution of movements, especially when the movement is slow and may otherwise go unnoticed.

摄像模式：间隔录像

1920x1080i 50f 16:9

视角：宽

比特率：高码率

间隔录影：0.1秒

-  : Shoot one photo every 0.1 second.
-  : Shoot one photo every 0.5 second.
-  : Shoot one photo every 1 second.
-  : Shoot one photo every 2 seconds.
-  : Shoot one photo every 5 seconds.
-  : Shoot one photo every 10 seconds.
-  : Shoot one photo every 30 seconds.

- **Automatically start video recording**

Set the video recording mode as "Auto Video Recording":



A screenshot of a video recording settings menu. The background is black, and the text is white. The menu items are: 摄像模式: 自录 (Recording Mode: Self-recording), 1920x1080i 50f 16:9 (Resolution/Framerate/Aspect Ratio), 视角: 宽 (Field of View: Wide), 比特率: 高码率 (Bitrate: High bitrate), and 间隔录影: 0.1秒 (Interval recording: 0.1 seconds).

摄像模式: 自录


1920x1080i 50f 16:9


视角: 宽


比特率: 高码率

间隔录影: 0.1秒

If this function is enabled, the system will auto start recording videos according to the countdown time you set.


: Start video recording 5 seconds after “video recording” key is pressed.


: Start video recording 10 seconds after “video recording” key is pressed.

: Start video recording 20 seconds after “video recording” key is pressed.

#### • 180°rollover

When this function is activated, upright video file can be obtained when using S50 to shoot video upside down.

 OFF: upside-down video file can be obtained when using S50 to shoot video upside down.

 ON: upright video file can be obtained when using S50 to shoot video upside down.

The function is not available for PAL: WVGA/100 NTSC: WVGA/120.


- **Dzisplay time on image**

If this function is enabled, the system will auto add the date and time at the bottom right corner of the video. Otherwise, the date and time will not be displayed.

## Audio recording

### Enter audio recording mode

#### Method 1:

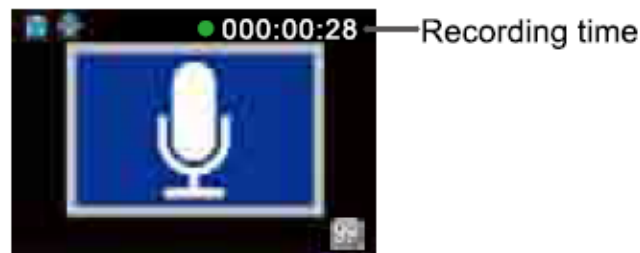
1. Turn on S50 to enter recording standby mode;
2. Press "M" key to enter the camera setting menu
3. Press "<" / ">" key to select "";
5. Press "-" / "+" key to select "Executive Mode" and press "OK" key to confirm;
7. Press "<" / ">" key to select "Audio Recording Only" and press "OK" key to confirm;
9. Press "M" key to exit the menu and return to recording standby mode.

**Method 2:**


Long press “stop” key for 3 seconds to activate or deactivate “audio recording only” function.

**Operating procedures for audio recording**

1. Enter audio recording mode and press “Video Recording” key to start audio recording.
  - The system will send out a “beep” to signal the start of audio recording;
  - The green indicator will flash slowly;
2. During audio recording, press the “Stop” key once to stop audio recording.
  - The system will send out two “beeps” to signal the end of video recording and the time counter stops;
  - The green indicator will be turned off.
  - The display will return to recording standby mode.



## Exit audio recording mode

1. Press "M" key to enter the camera setting menu;
2. Press "<" / ">" key to select "  ";
3. Press "-" / "+" key to select "video recording" mode and press "OK" key to confirm;
4. Press "<" / ">" key to select video recording and press "OK" to confirm. S50 will return to recording standby mode.

## Photo shooting

Operating procedure for photo shooting

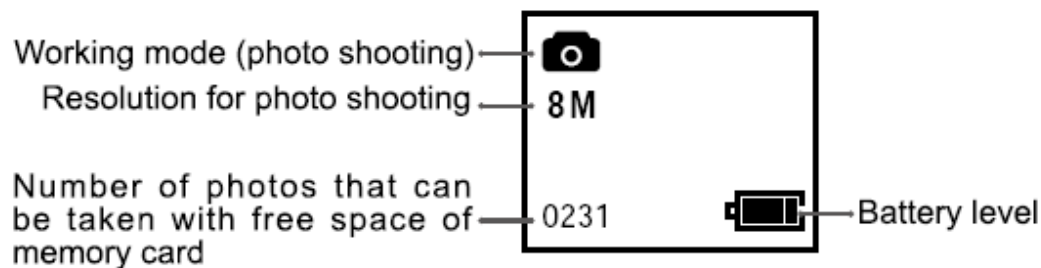
1. Turn on S50 to enter recording standby mode;
2. Cast the lens to the subject and preview it on the display;
3. Press the "Shutter" key once to switch the working mode to "photo shooting";

4. Press the “Shutter” key again to shoot one photo.

- The green indicator will flash once;
- The speaker will click to indicate completion and the system will return to photo shooting standby mode.
- TFT display under photo shooting mode is shown as below:




- During photo shooting, LCD lattice display is shown as below:



## Parameter setting for photo shooting

**Follow these steps to set the parameters for video recording:**

1. Press "M" key to enter the setting menu;
2. Press "<" / ">" key to select "";
3. Press "+" / "-" key to move blue cursor to the sub-menu you want to configure;
4. Press "OK" key to enter the sub-menu;
5. Press "+" / "-" key to select the parameters you want;
6. Press "OK" key to confirm;
7. Press "M" key again to exit the setting menu.

8. 0M (3200X2400 4:3)

照模式: 单拍

每秒快拍模式: 关

自动持续连拍模式: 关

定时启动拍照: 关

- **Resolution for photo shooting**

Three optional resolutions include:

8.0M (3200x2400 4:3)

5.0M (2592x1944 4:3)

3.0M (2048x1536 4:3)

- **Photo shooting modes**

**Single shot:** default, take one photo when the photo shooting key is pressed;

**Burst:** S50 takes several photos within one second;

**Continuous capture:** S50 takes one picture at each specified interval until the “stop” key is pressed to cancel it;

**Self-timer:** when it reaches the configured delay after pressing the “Shutter” key, S50 will take the next photo.

- **Burst per second mode**

Please set the photo shooting mode into “Burst” before using this function.

Set the number of photos taken by S50 in one second.



: 3 photos in one second;



: 6 photos in one second;



: 10 photos in one second;

- **Automatic continuous capture:**

Please set the photo shooting mode into “continuous capture” before using this function.

Press the “Shutter” key under recording standby mode and S50 will take one photo at each specified interval until the “stop” key

is pressed to cancel it.



: Take one photo every 0.5 second.



: Take one photo every 1 second.



: Take one photo every 3 seconds.



: Take one photo every 5 seconds.



: Take one photo every 10 seconds.



: Take one photo every 20 seconds.



: Take one photo every 30 seconds.



: Take one photo every 60 seconds.

- **Timed shooting:**

Please set the photo shooting mode into “self-timer” before using this function.

When the “Shutter” key is pressed once under recording standby mode, S50 will start countdown and take a photo at the set time.



: Take one photo 3 seconds after the “Shutter” key is pressed.



: Take one photo 5 seconds after the “Shutter” key is pressed.




: Take one photo 10 seconds after the “Shutter” key is pressed.


- **Display time on photos**

You can choose to display or not display the photo shooting time at






the bottom right corner of the photo.

: No photo shooting date and time will be displayed at the bottom right corner of the photo

: Photo shooting date and time will be displayed at the bottom right corner of the photo


## **Playback**

### **Operating procedure for playback**


1. Press the “playback” key to enter playback interface;
2. Press “<” / “>” key to select the file type and press “OK” key to confirm;
  -  View video files
  -  View photo files
  -  View all video/audio/photo files
4. Press “<” / “>” / “+” / “-” key to move the cursor to the thumbnail of the file you want to play back;
5. Press “OK” key to enter the playback interface and press “OK” key to play it.



When playing video files, the functions of various keys are listed as

below:


Keys	Functions	Keys	Functions
-	Decrease volume;	+	Increase volume;
<	Fast backward'	>	Fast forward;
	Reset to play it from the beginning. Press it again to return to the file preview interface;	OK	Play/pause.

When reviewing photos, the functions of various keys are listed as below:

Key	Functions	Key	Functions
	Zoom out;		Zoom in;
-	In zoom-in mode, when you press "OK" to lock a photo ("  " icon displayed in the upper right corner), you can press "-" to move the photo downward;	+	In zoom-in mode, when a photo is locked, press "+" to move the photo upward;

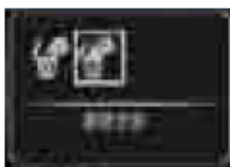
<	In zoom-in mode, press "<" to move the photo rightward;	>	In zoom-in mode, press ">" to move the photo leftward;
	When a photo is displayed in its actual size, press "<" to view the previous photo;		When a photo is displayed in its actual size, press ">" to view the next photo;
	In zoom-in mode, press it to restore the photo to its actual size;	OK	When a photo is displayed in its actual size, press "OK" to rotate it;
	When a photo is displayed in its actual size, press it to preview photos in thumbnails.		In zoom-in mode, when you press "OK", the  icon will appear in the upper right corner, indicating the zooming function is locked.

When playing audio files, the functions of various keys are listed as below:

Keys	Functions	Keys	Functions
-	Decrease volume;	+	Increase volume;
	Reset to play it from the beginning. Press it again to return to the playback interface;	OK	Play/pause.

## Delete files

1. Under file playback or thumbnail preview mode, move the cursor to the file icon you want to delete;
3. Press "M" key to enter file operation mode and move the cursor to "Delete file";
4. Press "OK" key to confirm;
5. Move the cursor to "delete single"/"delete all" and press "OK" key to delete the file(s).



: Delete a single file



: Delete all


## File protection and unlocking


Move the cursor to "file protection" and press "OK" key to enter file protection interface. Select protection type and press "OK" to confirm:

 : Protect single

 : Protect all

 : Unlock single

 : Unlock all

 Note: the protected file cannot be deleted. However, such file can be deleted by formatting.

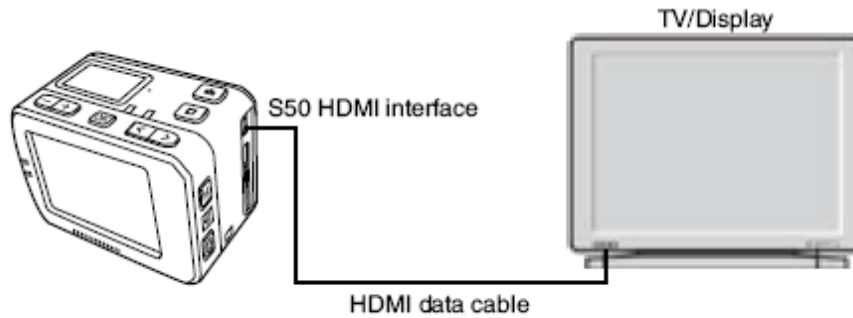
## **Upload audio/video/photo files to PC**

1. Use USB line to connect the camera to a PC;
2. Switch on S50;
3. Open "My Computer" icon on the desktop and find the "Removable Disc". If the camera is not detected, close "My Computer" window and reopen it after a while. The "removable disc" will be displayed;
4. Double click the "removable disc" icon;
5. Enter the "removable disc" and copy/move the file to the PC's hard disk.

## View video / photo on HDTV

The recorded file can also be played on TV or display with HDMI interface.

Use HDMI cable to connect S50 to the TV set:



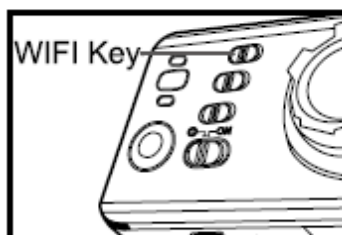
**Note:** ensure that your camera is properly configured to NTSC (North America) or PAL (Non-North America) video format; otherwise, the video and images on S50 cannot be properly displayed on TV.


## WI-FI


With integrated Wi-Fi module, S50 can be connected with Wi-Fi remote control, smart phone or tablet PC to achieve remote control function. First please install appropriate APPI software provided by AEE to your device.


### Switch on Wi-Fi

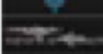


Push Wi-Fi key to "ON" to switch on Wi-Fi function:



The blue indicator starts to flash and Wi-Fi signal icon  can be seen on the upper left corner of TFT display:

- Turn on your camera and DW10, wait until the blue WiFi indicator flashes slowly. Search for WiFi hot spot on a mobile receiving device, select "xxxxxxxx" network and connect it (default password: 00000000). Then the camera and the mobile device are connected.
- Click the App icon " " on the mobile device to display the

icon (  ) shown in Fig. 1. Enter the interface shown in Fig. 2 to remotely view your camera's screen and set up parameters.

❗ Note: In case of WiFi connection failure, the icon “  ” will appear. Select “Yes” to try to connect again. If you select “No”, click the icon “  ” to enter the WLAN settings interface or click the icon “  ” to enter the main interface to view local files only (no other operation is supported).

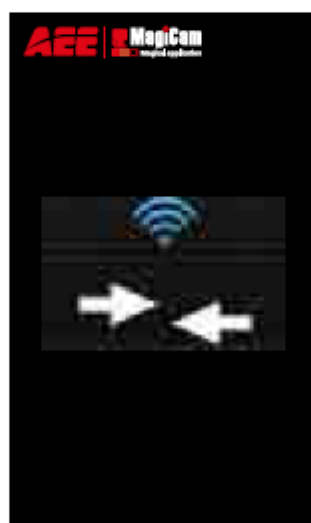


Fig. 1 WiFi Connection Interface



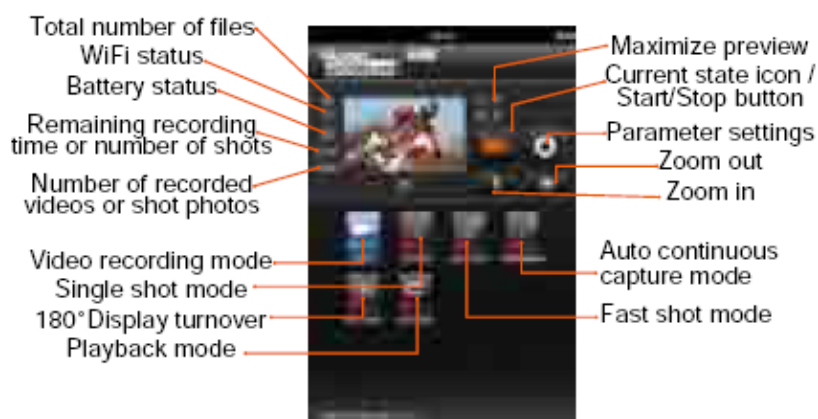


Fig. 2 WiFi Control Interface

**Note:**

1. You can remotely control your camera by clicking the icons at the main interface.  

2:13:00



display the remaining recording time in video recording mode;  
display the remaining number of shots in photo shooting mode.


00:00

display the number of recorded videos in video recording mode;  
display the number of shot photos in photo shooting mode.
2. The mobile device must be used within a distance of max. 40 meters from the DW10 in an obstacle-free and horizontal angle.

## Operating Instructions for WiFi Control Interface

### 1. Video Recording

Click the Video recording mode icon "  ". The current state icon will display as "  ", click it to start / stop video recording.

Click the icon "  " to maximize the preview (See Fig. 6).

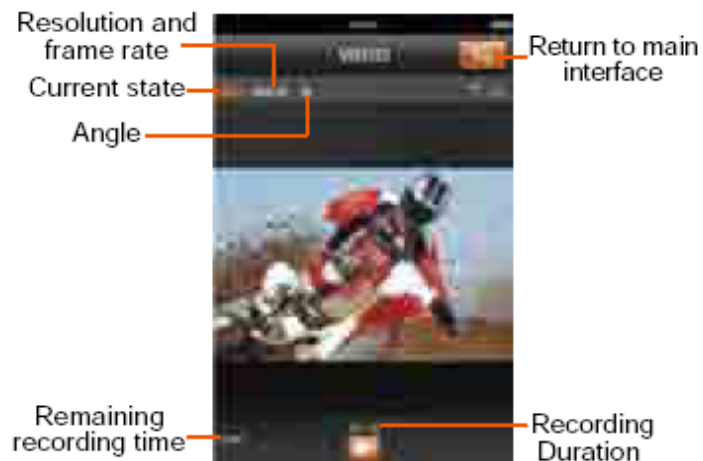





Fig. 6 Video Recording Mode

You can set up your desired recording resolution in the parameter setting interface. The options are 1080P, 720P, 480P/50fps, 480P/60fps. (1080i/50fps, 1080i/60fps, 960P, 480P/100fps, 480P/120fps are not available.)

## 2. Single shot

Click the Single shot mode icon " , it will turn blue " ". The current state icon will display as " , click it to take one picture.




Click the icon " " to maximize the preview (See Fig. 7).



Fig. 7 Single Shot Mode

You can set up the pixel in the parameter setting interface.

### 3. Fast Shot

Click the Fast shot mode icon "  ", it will turn blue "  ". The current state icon will display as "  ", click it to take pictures within one second.





Click the icon "  " to maximize the preview (See Fig. 8).



Fig. 8 Fast Shot Mode

You can set how fast the *camera* takes pictures in the camera setting interface.

#### 4. Auto Continuous Capture

Click the Auto continuous capture mode icon "  ", it will turn blue "  ". The current state icon will display as "  ", click it to make the camera take a picture at each interval until you press the current state icon to stop shooting.


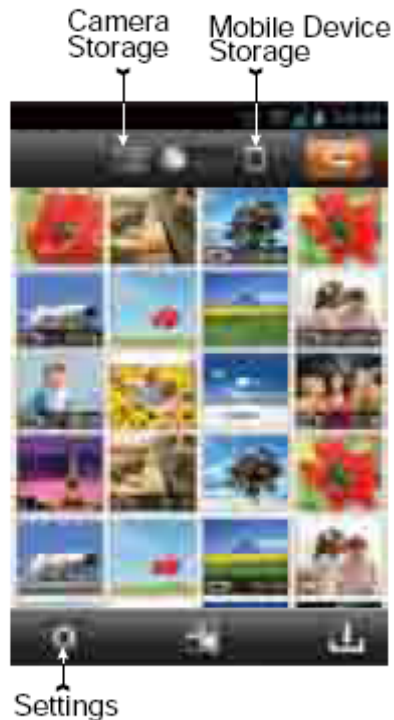
Click the icon "  " to maximize the preview (See Fig. 9).



Fig. 9 Auto Continuous Capture Mode


You can set the shooting interval in the camera setting interface.

## 5. Playback

Click the icon “


The image shows a mobile application interface for video playback. At the top, there are two tabs: 'Camera Storage' and 'Mobile Device Storage'. Below these is a grid of 20 thumbnail images. At the bottom, there is a navigation bar with three icons: a camera, a play button, and a download button. An arrow points from the label 'Settings' to the camera icon in the navigation bar.

Fig. 10 Playback Interface

Slide the icon “

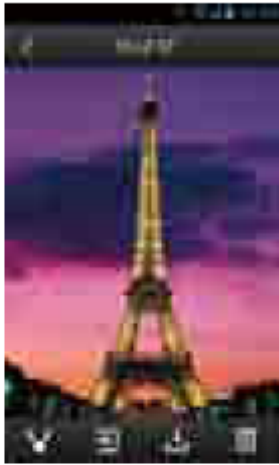
Click the icon “

Click the icon “

Click the icon “


Click the icon “


Click on the thumbnail to view it in large preview. You could slide left and right to select the desired file.




In the large preview mode:

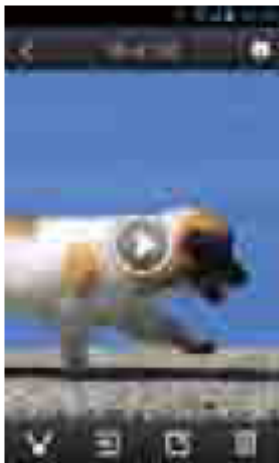
Click the icon “” to return to the thumbnail preview interface.


Click the icon “” to share the current file to a social networking website or send it by E-mail.


Click the icon “” to transfer and play the current file on a DMR device.

Click the icon “” to download the current file to your mobile device.

Click the icon “” to delete the current file.

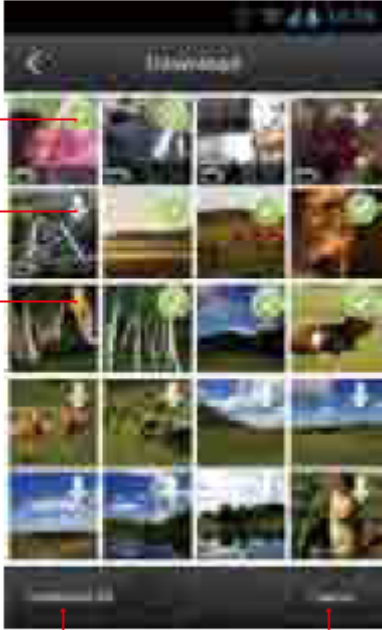



Click the icon “” to view the current file information.

Click the icon “” to enter the video trimming interface.

**Note: please download it to the mobile device before editing any video file.**

## Download Files to Mobile Device

Return to the thumbnail preview interface and click the icon “

The screenshot shows a mobile application interface titled "Download". It features a grid of 16 image thumbnails. To the left of the grid, there are three status categories with corresponding icons: "Files downloaded" (green checkmark), "Files in waiting" (grey arrow pointing down), and "Files in downloading" (orange arrow pointing down). Red lines connect these labels to the thumbnails in the grid. At the bottom of the grid, there are two buttons: "Download all" and "Cancel downloading". Red lines connect these buttons to their respective labels below the grid.

Files downloaded



Files in waiting

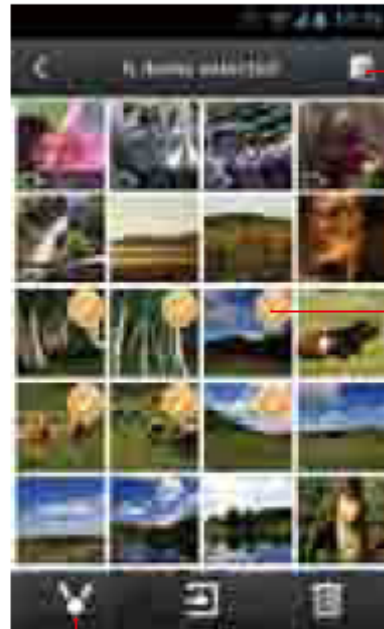
Files in downloading

Download all the files from your remote camera to the mobile device

Cancel downloading



In the thumbnail preview mode, slide the icon “” to view local files. Click the icon “” to enter the interface shown in the figure below, and then click the desired files to share them to social networking websites or send them by E-mail.




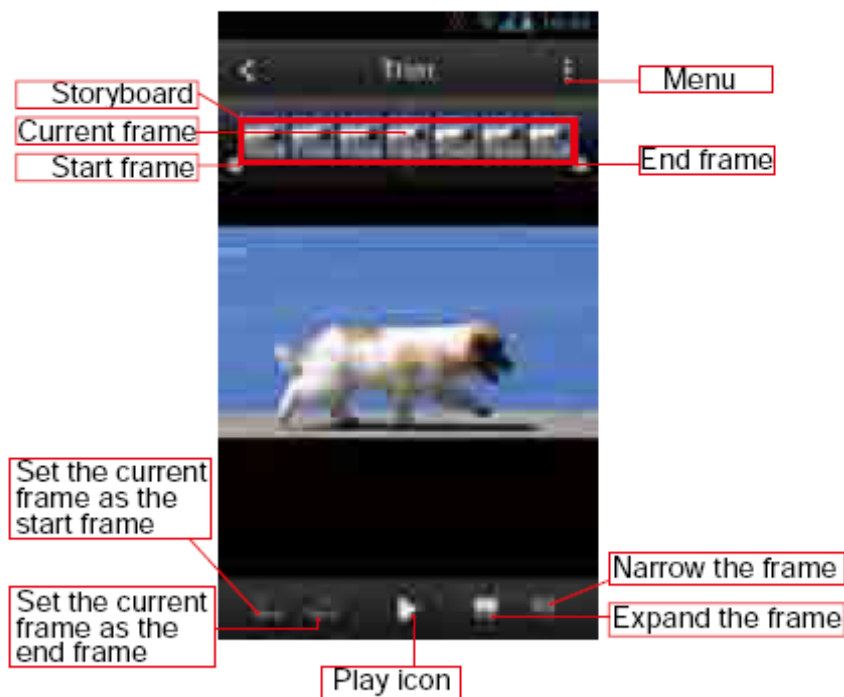
Select All /  
Deselect All

Selected  
files

Click here to share the selected files to social  
networking websites or send them by E-mail



## Trim Videos


When viewing the downloaded files on the mobile device, you can click the icon “” at the bottom of the screen to enter the video trimming interface shown in the figure below:



### **Explanations for Video Trimming**

By modifying the start frame and end frame of a video, you can trim a part of such video and save it as a new video file. Below are two suggested methods:

- Method 1: drag to select the start frame pointer and end frame pointer in the Storyboard, click the play icon to preview the selected part, and adjust the start frame and end frame to your desired position.
- Method 2: click the icon " to set the current frame as the start frame, then drag the storyboard to change the current frame position, and finally click the icon " to set the current frame as the end frame.


Click the icon " to save and share the trimmed video.

Save: save the trimmed video to the mobile device.


Share: share the trimmed video to social networking websites or send it by E-mail.

## **Change WiFi Connection Name and Password**

1. Change the WiFi connection name:

Connect your camera (with TF card installed) to the computer and turn on your camera. On the computer, double click "My Computer" to find and enter the removable disk, and then open the "  " wifi.conf file in the folder "MISC". Find "ESSID=00000000" and "AP\_SSID=00000000". Change the content following the equal sign "=" to your desired name and then click "Save". (Note: the name following "ESSID=" should be exactly same as that following "AP\_SSID=".)

2. Change the WiFi connection password:

Connect your camera (with TF card installed) to the computer and turn on your camera. On the computer, double click the icon "My Computer" to find and enter the removable disk, and then open the "  " wifi.conf file in the folder "MISC". Find "PASSWORD=00000000" and "AP\_PASSWD=00000000". Change the content following the equal sign "=" to your desired password (containing at least 8 digits) and then click "Save".


(Note: the password following "PASSWORD=" should be exactly same as that following "AP\_PASSWD=".)

**!** Note: if the TF card is formatted, you need to reconnect AEE DW10 to your camera in order to find the folder "MISC" and change the name and password.

### Tips:

1. If AEE DW10 has any fault, please long press the power key for 10s or so to reset and restart it.
2. In order to ensure AEE DW10's normal work, we suggest you use a TF card with Class-10 or above data rate for your camera.

## Other basic setting

Enter " " setting menu to set the following options:

### Warning tone

Adjust the loudness or mute of buzzer.



: OFF



: 70%



: 100% (default)

## Front status indicators

Activate or deactivate the status indicators.



: All OFF



: Only 2 indicators on top of S50 ON



: All ON

## Caption displayed on the image

Display or hide the recording icons or information on the display screen.



: OFF



: ON

## Loop recording

You can activate or deactivate loop recording function. If ON, video file will be automatically stored in segment of 15 minutes; If OFF, video file will be stored in segment of 30 minutes t.



: OFF



: ON

## Auto standby

S50 is set to automatically enter standby mode if no operation is (photo shooting, video recording or button operation) carried out in certain time. If any operation is carried out in the timing process, the timer will be reset. Under standby mode, press video recording key/shutter key/stop key to awaken S50.



: OFF



: 2 minutes



: 5 minutes



: 10 minutes

## TV output format

This setting is designed to ensure that the frame rate of video recording matches with the playback format of on TV.

Please select NTSC in North America.

Please select PAL in non-North America areas.

## Restore factory settings

This option allows all the settings of the system to be restored to

original factory settings.

After that, the menu will be displayed in English status and the time will be set as 2013/01/01 00:00.

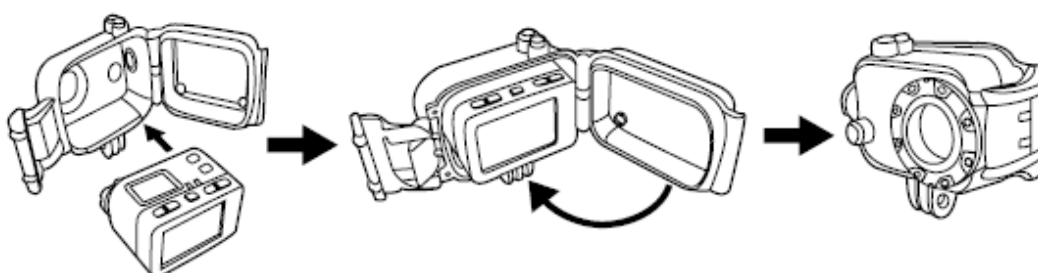
## **Accessory application**

S50 is suitable for handhold use or hand-free use at most places by using appropriate accessories. S50 fitted with water-proof housing can be used to record videos underwater.

### **Water-proof housing**

S50 water-proof housing up to IP68 can protect the camera 100 meters underwater.

Follow these steps to load S50 into water-proof housing:



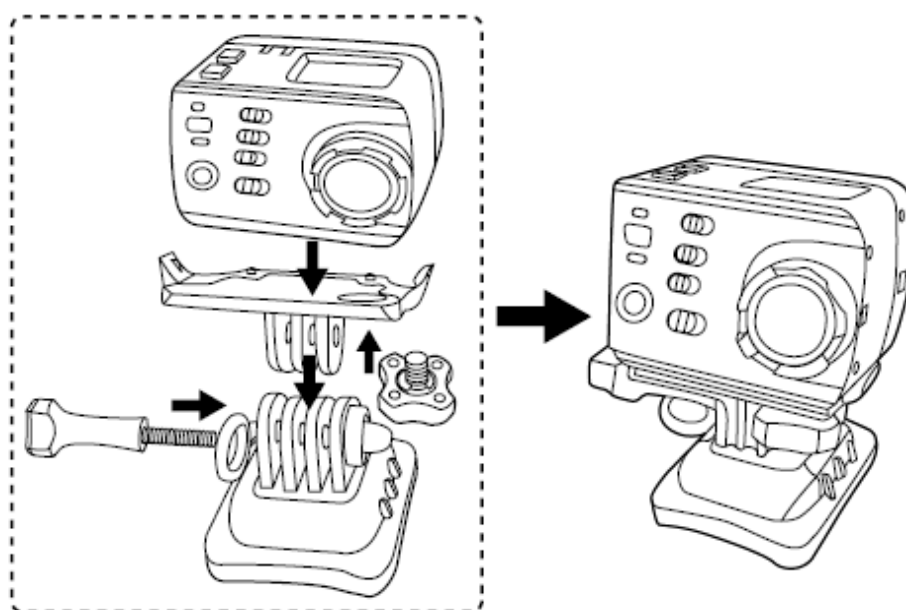
1. Place the camera into the protective housing.



2. Close the cover.
3. Press the buckle into the slot in the rear cover.

## Mount plug bracket components

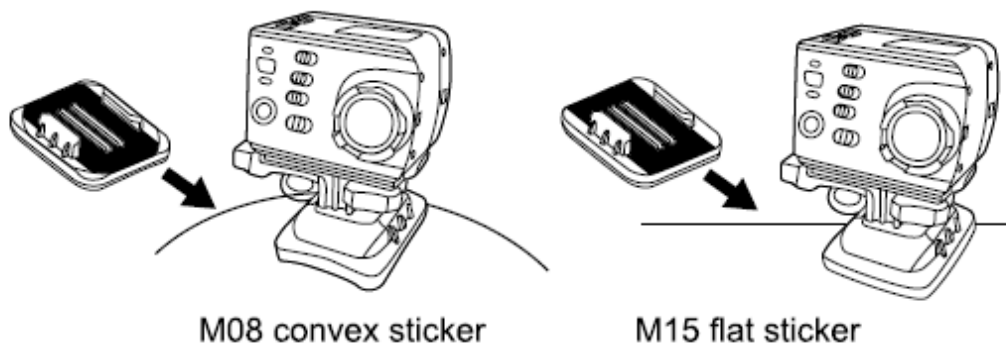
The plug bracket can fix S50 firmly onto the sticky seat.



## **Use convex sticker and flat sticker**

S50 comes with sticker fitting and flat sticker for installation on different surfaces.

You can easily attach the camera onto helmet, vehicles or the surface of other devices.



### **Precautions for the use of 3M double-sided foam tape**

1. Before fixing 3M double-sided foam tape, please select an appropriate curved or flat surface where the tape can fit with the surface.
2. Before using 3M foam tape, please clean the surface to be adhered to.

3. Before applying 3M foam tape, it is suggested to heat its surface properly (electric blower may be used), especially when the temperature is below -20°C.

## **Specifications**

Description	Specifications
Visual angle	175 °
Aperture	f/2.8
Digital zoom ratio	10 x
Pixel	8 million
Video recording format	MOV
Audio recording format	WAV
Photo format	JPG (JPEG)
Storage medium	64MB Built-in flash memory (not for photo shooting or video recording); up to 64GB external Micro SD card
Standard battery capacity	1500mAh
TFT Display	2.0" true color TFT display (16:9)
Resolution	960×240
LCD segment display	90×64mm FSTN (lattice screen)

Operating platform requirements	Operating system: Windows XP SP2/Vista or above / Mac OS; CPU: Pentium 4 1.5G or above RAM: 1GB
Storage temperature	-20°C ~ 60°C
Working temperature	-10°C ~ +50°C
Working humidity	15 ~ 85% RH
Overall dimension (including TFT screen)	L59.4 × W43.3 × H43.5MM
Overall dimension (excluding TFT screen)	L59.4 × W43.3 × H32MM
Unit weight	113.6g (including TFT screen and battery)
	53.7g (excluding TFT screen and battery)

**ⓘ** Note: As our products undergo continuous development, the specifications are subject to change without prior notice.

## **Tips**

1. When the unit is in used for long period, it is natural that its surface temperature will rise.
2. If you will not use the unit for long period, it is suggested that you charge it once every 6th month to maintain the performance of battery.
3. Use of digital zooming function during shooting will have slight impact on the image quality.
4. The visual angles under different modes will be slightly different.
5. To smoothly play a high-definition video file, it is suggested to use a PC or other professional device.
6. If you enable cyclic recording function for long period or frequently shoot/delete photos, the memory card may have data fragments so that you may not be able to store or shoot photos. Please back up the data to external storage medium and perform formatting operation to the memory card.

## FCC Information and Copyright

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 correct the interference 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 technician for help.

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.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.