Wifi Sports Camera

User Manual

Quick Guide:

1. Download and install the app “**SYMAGIX**”

from Itunes® or Google Play

2. Press the Wi-Fi button on the side of the camera to initialize the signal, the LED will be red

3. Search for the wireless signal “**QC8021**” on your smartphone or tablet using

the password “**1234567890**”.

4. You can now start using the camera once the wireless signal is connected and you have opened the app.

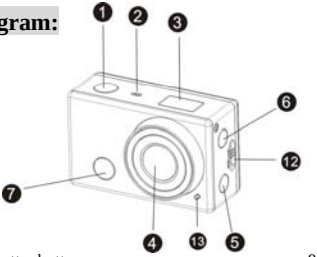
Note: Class 10 Micro SD Cards are required for this camera

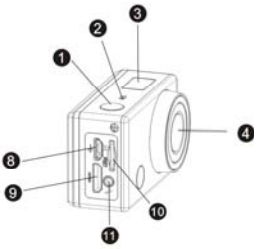
Care & Maintenance

- Limit the cameras exposure to direct sunlight; also do not point its lens into direct sunlight. This may damage the image sensor of the video camera.
- Take precautions to prevent water or sand particles from entering the video camera when it is used on the beach or near water, as this may damage the video camera.
- Keep the video camera free of dust and chemical materials. Place it in a cool, dry and well ventilated place. Avoid placing the video camera in high temperature conditions, moist or dusty places to avoid damage of the video camera.
- If dirt or stains are accumulated on the video camera or on its lens, use soft, clean and dry rag to wipe it away gently. If the video camera or its lens is covered with sand particles, blow them away gently. Do not use a cloth to wipe. Otherwise, it may scratch the surface of video camera or its lens.
- If you are required to clean the camera lens surface, firstly blow away the sand or dust accumulated on this surface, and then wipe the camera gently with a clean dry cloth. Do not use solvents to clean the video camera.
- Do not touch the lens surface with fingers.

- Please back up the data if the memory card inside this digital camera is used for the first time. After that, format the memory card..

Camera Diagram:

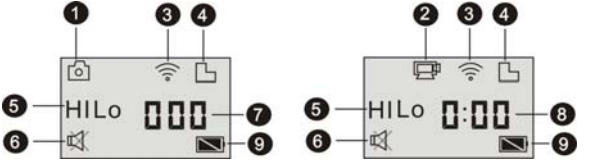




1. Shutter button
2. Microphone
3. LCD display
4. Lens
5. Wi-Fi switch and status indicator (red)
6. Power / Mode button
7. Infrared signal reception light
8. Micro B USB port
9. Mini C HDMI port
10. Micro SD card slot
11. External microphone port
12. Battery cover push switch
13. LED light

LCD Display Diagram:

Turn on the Wi-Fi camera, the LCD will display the following status and settings:



1. Camera mode
2. Video recording mode (default)
3. Wi-Fi icon (display when enabled)
4. Micro SD card icon (display when loaded)
5. Resolution icon:

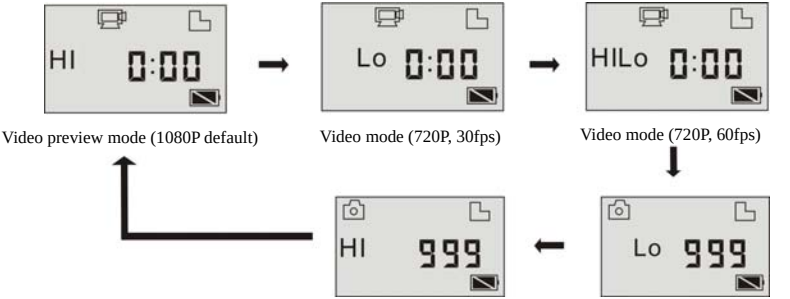
In camera mode, HI stands for 8 Mega Pixels (interpolated) (3264x2448), and in video recording mode, it stands for FHD (1920x1080, 30fps);

In camera mode, LO stands for 5 Mega Pixels (2592x1920), and in video recording mode, it stands for 720P (1280x720, 30fps);
HILO only displays in video recording mode, standing for 720P (1280x720,60fps).
6. Mute mode, displays when enabled, and disabled by default.
7. Counter, displays up to 999.
8. Timer, displays hours and minutes.
9. Battery icon: current battery level of the camera.

Note: The above icons may vary according to the status of the camera.

Operation:

After turning on the camera, you can press the Power/Mode button to switch the following modes in turn:



Video preview mode (1080P default)

Video mode (720P, 30fps)

Video mode (720P, 60fps)

Camera mode (5MP)

Camera mode (8MP)

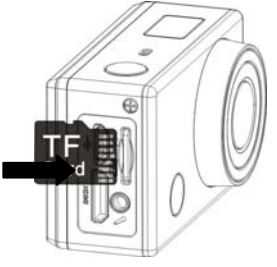
In video mode, press the Shutter button to start recording, LED will flash，and press it again to stop;

In camera mode, press the Shutter button to take photo.

Using your Camera:

When you use the camera for the first time, please:

1. Insert a micro SD or micro SDHC card (not included), as shown in the following picture.



A Class 10 Micro SD Card is required for this camera.

Turn off the camera before inserting or removing the card.

2. Using the battery

2.1 Install the battery.

Please install the lithium battery correctly as shown:

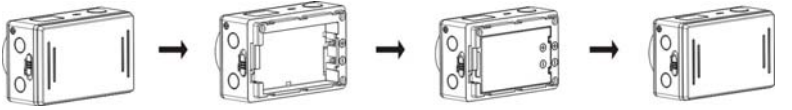


Figure 1 Figure 2 Figure 3 Figure 4

Step 1. Push the battery cover switch to the lock position( ), and remove the battery cover. As shown in figure 1.

Step 2. Place the lithium battery into the battery slot. Make sure the polarity of the battery is corresponding to the

symbols of the camera shell( ). As shown in figure 2 and figure 3.

Step 3. Install the battery cover back in place, and lock the switch to the lock position( )to fix the battery.

As shown in figure 4.

2.2 Charging the battery:

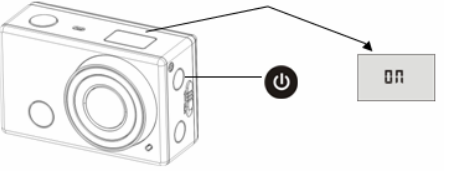
The camera uses removable rechargeable lithium battery. When the camera is off, connect it to the PC via the USB cable to charge the battery.

During charging, the status indicator (blue) will be lit up and the indicator will turnoff when charging completes.

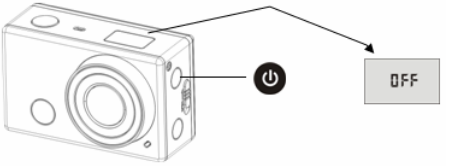
Note: When the camera is on, connecting it to the PC will not charge.

Turn on/off

1. Turn on: press and hold the button for about 3 seconds, LCD will display “ON” and a beeping sound will be made.



2. Turn off: press and hold the button for about 3 seconds, LCD will display “OFF” and a beeping sound will be made.



Note: The camera will turn off automatically if it is idle for 5 minutes.

Use:

Default setting: After turning on the camera, the default setting is as below:

	Video recording mode icon	The camera is in video recording mode.
HI	Video resolution	FHD: 1080p@30fps
	Recording time	Stands for 0 hour and 00 minute.
	Micro SD card icon	Display when a Micro SD card is inserted, otherwise no display.
	Battery level	Battery is full
	Mute icon	The camera is in Mute mode, no Beep will be heard when pressing the buttons. It displays only when Mute mode is activated.
	Wi-Fi icon	Display when activated.

Modes. The camera provides different modes. Press the button repeatedly, the following first two modes will show on the LCD screen , and other modes display on the APP interface.

	Video	HI stands for FHD (1920x1080,30 fps) video
		Lo stands for 720P (1280x720,30 fps) video
		HILO stands for 720P (1280x720,60 fps) video
	Photo	HI stands for 8M (interpolated) (3264 x 2448) resolution
		Lo stands for 5M (2592 x 1920) resolution
	Continuous shot	The camera supports taking 3 photos continuously (only via App)
	Self-timer	In self-timer mode , you can set 0s, 2s or 10s (only via App)

1. **Video**

To record a video, please check whether the DV is under Video mode. If the icon is not displayed on the screen, press the button repeatedly until it appears.

Start recording: Press and release the button, the icon and [:] displayed in LCD will flash. At the same time the red indicator will flash too, meaning the recording is in process.

Stop recording: Press and release the button, the icon and [:] displayed in LCD will stop flashing. At the same time the red indicator will stop flashing either, meaning the recording is stopped.

When the Micro SD card is full, or the battery runs out, the recording will stop automatically, and the recorded video will be saved before the camera turns off.

2. Photo

To take a photo, please check whether the camera is under Camera mode. If the icon is not displayed on the screen, press the button repeatedly until it appears.

Press and release the button, a beep will be heard and the red indicator will flash, meaning a photo is taken. (If you take photos more than 999 copies, the LCD screen display only 999)

3. Vehicle Mode

When you use it in the car, connect the car charger and switch on the ignition, it will power on and record 1080P video automatically. It will save a segment for recording every 1 minute, then start to record the next segment of video. When the storage card is full, the earliest segment of video will be deleted to release the corresponding space for continuous recording. When the car stalls or you pull out the car charger, it will stop recording and save the video, will power off in 10s automatically.

Note: You can not open WIFI and do any button operation when in vehicle mode.

4. Enable/disable Wi-Fi

The Wi-Fi is disabled by default. Press the Wi-Fi button on the side of the camera to enable it. When starting

connecting to a Wi-Fi network, the indicator will flash, and when a Wi-Fi network is connected, the indicator will remain on. The Wi-Fi icon will display on LCD screen.(In order to save power, Wi-Fi will be automatically disabled if no terminal is connected after 30 seconds)

Wi-Fi is disabled by default

When Wi-Fi is enabled, the Wi-Fi icon will display on LCD

5. Enable/disable Mute mode

The buzzer is enabled by default. Under the Video or Photo mode, press and hold the Shutter button to disable the buzzer and indicator to enter Mute mode. Under Mute mode, the icon will display on the screen; press and hold the Shutter button again to exit Mute mode.

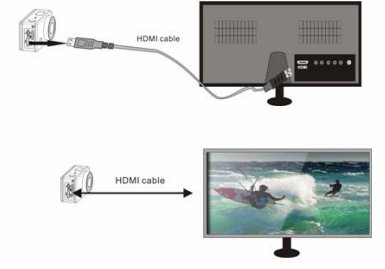
Buzzer is enabled by default

When Mute mode is enabled, the Mute icon will display on LCD

6. Connecting to HDTV via HDMI (not included)

6.1 Connect the camera to a HDTV via a Mini HDMI cable (not included)

If you need to view the image and audio to an HDTV for playback, insert the end of the HDMI cable to the camera, and the other end (output) to the HD input of the HDTV, as shown in the following figure:



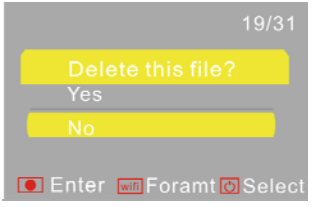
Note: Before connecting or removing the HDMI cable, please stop video recording, playback and disconnect the Wi-Fi first.

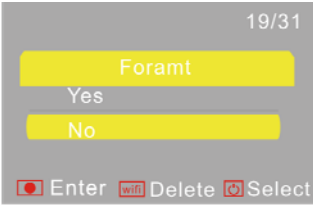
6.2 When the HDTV is connected, it enters Playback mode, the LCD displays as below:

S/N	Icon name	Description
1	Playback mode	Under Playback mode currently.
2	File number	There are 31 files and you are viewing the 19th one. (example)
3	Video icon	The file is a video.

In Playback mode, press the Power button to switch between photos and videos.When there are several photos or videos, press the Wi-Fi button to select the photo or video. When a video file is selected, press the Shutter button to play it, and press the Shutter button again to stop playing.

In Playback mode, press and hold the Shutter button , a prompt of deleting the file or formatting will appear. Press the Wi-Fi button to switch between deleting or formatting, then Press the Power button to select Yes or No, and press the Shutter button to confirm and exit.





7. Connecting to PC

7.1 Turn on the camera and connect it to the USB port of the PC via the attached USB cable. The camera will enter U-disk mode and the LCD will display as below after connection:

Now you can view the photos or videos taken by the camera on the PC.

Note: After the camera connects to the PC to enter U-disk mode, you will see two removable disks displayed in My computer of Windows, one is the Micro SD card, storing all the photos taken and video recorded by users; the other one stores the system file information, including a file named SSID_PW.CFG, containing the AP ID of the camera and the password for AP login. Users can view these information but cannot modify, delete or format them.

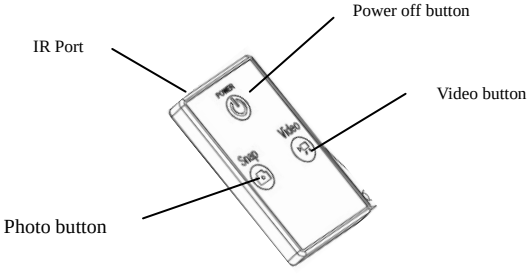
7.2 In U-disk mode (PCU mode), press the Shutter button to switch to web cam mode (PCC mode), and the LCD will display as below:

Now you can start the web cam mode. To return to U-disk mode (PCU mode), press the button again.

Note: A driver is not required for web cam mode (PCC mode) on Windows XP(SP3) version or above.

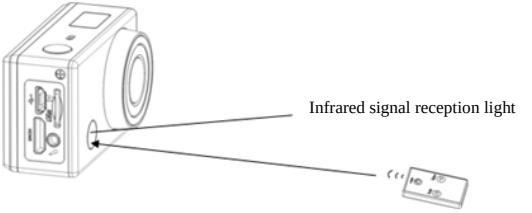
Remote Controller Application

Buttons

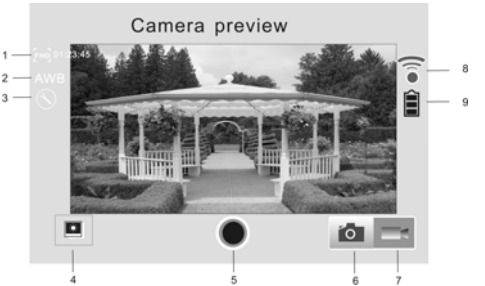


Remote Control Instruction:

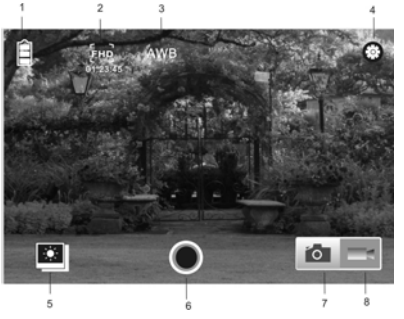
You can use the remote controller to record videos, take photos and shut down the camera. When using the remote controller, aim the IR port to the infrared signal reception light of the camera, and press the video button, photo button or power off button.



APP Interface:



1. Video resolution
2. White balance
3. Setup (enter setup menu)
4. Enter Playback mode
5. Shutter button
6. Photo mode
7. Video mode
8. Wi-Fi signal icon
9. battery icon



1. DV battery icon
2. Video resolution
3. White balance
4. Setup (enter setup menu)
5. Enter Playback mode
6. Shutter button
7. Photo mode
8. Video mode

Note:

1. A Micro SD card must be inserted if you need to take a photo, record a video, or download files on the terminal;

2. The Wi-Fi indicator will remain on when the terminal is connected to the camera.

1. App Installation:

1.1 Search for ”SYMAGIX” in Google Play (for Android OS),or iTunes® (For Apple OS).

1.2 Install the SYMAGIX APP on your smartphone or tablet. When installation completes, the LCD will display icon

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1.3 Insert a Micro SD card (not included) and turn on the camera, then press the Wi-Fi button to enable it. Now you can see the Wi-Fi icon on the LCD screen of the camera.

1.4 Enable Wi-Fi on your smartphone or tablet and search for wireless AP signal “QC8021, then it will connect the camera , until the system displays “Connected successfully”.

Note: Wireless password is “1234567890”.

1.5 Click on the icon

in the App list of the smartphone or tablet to open it. Now you can preview the image sent by the camera on the phone or tablet..

Waterproof Case

- Before sealing the waterproof case, keep the camera housing’s rubber seal clean, a single hair or grain of sand can cause a leak. You can test by closing the case without inserting the camera. Submerse the case completely in water for about a minute. Remove the case from the water, dry off its exterior with a towel, and then open the case. If the interior is dry, the case is safe for use under water.
- Remember to put the Mode Switch in your desired recording position before inserting the camera in the waterproof case. There are no external buttons for the Mode Switch.
- After use in salt water you will need to rinse the outside of the housing with fresh water and then dry. This will prevent corrosion of the hinge pin and salt buildup in the seal, which can cause failure.

- To clean the seal, rinse in fresh water and shake dry (drying with a cloth may cause lint to compromise the seal). Re-install the seal into the grooves in the backdoor of the housing.
- To ensure waterproof seal with the waterproof case please ensure you use silicon grease to assist with water proofing and protection. Smear a thin film of Vaseline on the black rubber O-ring.

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