

LED Indicator

No.	Operation Mode	LED Indicator Status
1	Turn ON	Green LED on and will firstly flash fast for about two seconds. It starts recording when the LED flashes at a steady pace.
2	Turn OFF	All LED off
3	Video recording	Green LED flashes slowly
4	Memory full	Green LED blinks very fast for approx 30 seconds, then shut off.
5	Low battery	Green LED blinks very fast for approx 30 seconds, then shut off.
	Charging	Red LED on
	Full charge	Red LED off
6	USB Storage mode	Red LED on

Technical Specifications

Dimensions	152*60*42mm (folded)
Physical weight	23g
Video Resolution	1280*720P
Video format	AVI
The ratio of video	16:10
Audio 16 bit data sample	16 bit data sample
Interface	USB2.0+TV output (PAL/NTSC)
Storage memory type	built in, support max 32GB TF card
Power supply	high-capacity lithium polymer battery, rechargeable
Power adapter	5V DC/500mAh
Power duration	70 - 80 mins of recording time
Operating temperature	0°C - 70°C
Storage temperature	-20°C - 80°C
Player	Common media players, or Mainstream audio and video media playing software
Operating System	Windows series, Mac O/S

Trouble shooting

Symptom	Possible reason	Solution
Failing to start	Flat battery	Recharge battery
	Device jam	Reset, then start again
Auto shut-off	Low battery	Recharge battery
	Memory full	Remove files from memory
Power auto off after start	Low battery	Recharge battery
	Memory full	Delete unwanted files
	No TF card loaded	Load TF card
Can't recognize when connected to PC / laptop	Connected to PC when power off	Turn on the device after connected with USB port
	USB cable failure	Replace cable with a new one
	PC Bios disabled	Set USB enabled
	Main board does not support USB port	Update main-board driver
Recordings not saved	PC system Jam	Reboot PC
	Memory full	Delete unwanted files
The device no respond for more than 1 minute	Wrong operations	reset the device

Safety and Warning

Application

Abide strictly to relevant regulations and laws. This product should not be used for any illegal purposes. The user is fully responsible for its operational use.

Proper use of eyewear

Camera sunglasses must not be used for night driving. To avoid damage to optical devices do not expose the camera directly to strong light, such as the sun or strong artificial light sources.

WARNING: Do not attempt to dismantle the device. Any attempt to alter or repair the unit, except by the original manufacturer or an Authorized Service Facility, will void the limited warranty.

Battery

Do not attempt to remove the battery. The battery disposal must be in accordance with local environmental regulations. See "RECYCLING" below.
If the recording function has not been used for lengthy period, charge it fully before using.

Recycling

Please contact your local corporate office for recycling/disposal information for this product. Do not dispose with household waste.

Operating temperature

0°C -70°C. To extend the unit's lifespan it is best used at room temperature.

Do not expose to excess moisture

WARNING: Although the device features a water resistant design. Operation can be affected in excessively humid environments – it is not completely waterproof.

Cleaning

Avoid using it in excessively dusty environments. Use a normal lens cleaning cloth to clean the lens.

Other matters

The product is a sophisticated electronic product – protect against impact and strong vibration. Do not use it close to magnetic or high electric currents.

Disclaimer

Users are kindly requested to backup safely the record files after using this device. We undertake no responsibility for any direct or indirect losses or damages occurred to the files or data stored in the memory due to the malfunction of the software and or hardware, product repair or any other unexpected events similar to but not limited to the listed. Also we are not responsible for any individual acts or deeds that violate law or others privacy due to the misinterpretation of this manual and or usage of this device, nor are we responsible for any third party claim due to the usage of this device.

Announcement

We reserve the rights to upgrade or ameliorate the product without any prior notice, the content of which can be obtained from our website notice or salesperson. Normally a generous transitional period is offered but we cannot guarantee to inform everybody timeously.

The product design, configuration and or specifications mentioned are protected by pertinent copyright and patent laws. Any unauthorized copy or reproduction is strictly prohibited and trespassers will be prosecuted. We reserve the rights to claim for any direct or indirect losses incurred.

HD CAMERA SUNGLASSES



USER MANUAL

Product Features and Advantages

Unique Design

- Neat curve fits facial features perfectly
- Limited editions available for custom designs
- Trendy molding makes it fashionable sunglasses

Lightweight, Flexible Frame

Made of high quality materials, the frame is extremely lightweight and flexible. It fits all kinds of faces comfortably – wide or narrow.

Quick start recording with only one button

The specially designed, user-friendly start button is blended into the decorative icons. Simply press to start video recording or AV out - only you know it is recording.

Sweat Resistant Frame

Designed to withstand extreme weather conditions - moisture from wet weather.

1.8mm Quality Polarized Lens

The quality polarized lens of 1.8mm exceeds optical requirements of ANSI Z80.3 standards. Blocks out 100% of all UVA, UVC and harmful blue light up to 400nm protection. Lightweight, shatter-proof and impact-resistant tough material - fully certified for eye protection. Perfect for outdoor activities.

HD Video Camera

These are not only high end sunglasses, but also a real 720P HD Camcorder with 5 mega pixel quality CMOS camera for clear digital video recording.

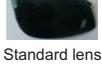
Playing back video footage on TV

The world's first video camera eyewear with TV output - connect to TV to share every exciting moment with your family and friends at home.

Fashionable Soft Sleeves and Nose Pads

With the help of soft sleeves and nose pads, the sunglasses are worn around the head snugly and won't slide off easily.

Accessories

		HD Camera Sunglasses	
	Carrying Case		User Manual
	Cleaning Cloth		Neck Strap
	Carrying Bag		Special USB TV out Cable
	AC adapter		Car Charger (Optional)
	Clear lens Standard lens OEM Different Color Sunglasses Lens (Optional)		
		OEM Extra Different Color Soft Sleeves and Nose Pads (Optional)	

Product Overview



Operation

1. Switch On/Off

Simply press the ON/OFF button. The green LED is on and will firstly flash fast for about two seconds. It starts recording when the LED flashes at a steady pace. Press it again, the recording will be stopped and saved, then shut off.

NOTE: To limit the file size, the recorder will automatically save the files every 15 minutes and then start with a new one.

2.Auto Shut-off

When battery is low or the memory is full, the green LED will blink very fast for approx. 30 seconds. The recorder stops recording and saves files automatically, then shuts off.

3.Time Setup

1) The date and time of the recording can be shown on the videos. But it is set not to show by default.

2) To show it, just connect the glasses to a computer, double click the "time.bat" in the folder named "time". Back to the root directory, a file named "time.txt" will be generated, in which shows the date and time synchronized with the computer's, such as 2012.03.13 15:30:50. Now time is set and ready for new recording.

3) To hide the time, copy the "time.bat" file and paste it onto the desktop of your computer, double click it, a "time.txt" file will be generated in the root directory. Open the "time.txt" file and add "N" behind the time string, such as 2012.03.13 15:30:50 N

Note the space between the string and N. Save it and time won't be shown on the recordings.

4) If the above operation doesn't work, simply create a new text file named "time.txt" in the root directory by yourself. Type the time in the file as yyyy.mm.dd hh:mm:ss.

To show or hide the time, add "Y" (yes) to show or "N" (no) to hide behind the date/time string. Note the space between date/time and the Y/N option.
Show Time Example: 2012.03.13 15:30:50 Y
Hide Time Example: 2012.03.13 15:30:50 N
Save it and then exit the storage disk safely. Time is set and ready for new recording.

Storage

1. The device supports a built-in memory up to 32GB. Different capacities are available at customer's request.
2. When space is full, device will start data saving and then shuts off.

Playing back video footage on TV

Turn on the device, connect to TV by the provided AV cable.
Note: video input is yellow, audio is red / white.

Press "On/Off" button to play back the video; press it again to pause; for continuous video playing press the button again. Press the button for 2 seconds and you can select the next video footage. When there are no files in device memory, TV will display "NO IMAGE".

Note: Under AV mode, and with no operation, the device will shut off automatically.

Connecting to PC/Laptop

1. System Requirement

- 1) CPU 500MHz or higher
- 2) Operating system: Windows series, Mac O/S
- 3) USB port
- 4) Minimum 1GB of free hard disk space
- 5) Minimum 512MB RAM

2.USB Storage mode

- 1) When device is under "OFF" status.
- 2) Connect the device to PC or Laptop with USB cable provided.
- 3) Turn on the device, the green LED is on.
- 4) The movable disk icon will pop up in the computer after 3 seconds. (response time depends on the memory capacity)
- 5) The directory for saving video file is *DiskIDCIM100DSCIM.
- 6) You can then save recordings to your local hard drive
- 7) When finished, click the movable device management icon at the right lower corner to remove the storage disk safely; or click the "On/Off" button for 2 seconds - the green LED stops blinking, then switches off.

Power Supply

1. For optimum use of the power supply and battery health, charge the battery for 3 hours for the first three times. DO NOT charge for more than 5 hours!
2. There after to maximize the storage capacity of the battery, continue to charge for 30 minutes after the red LED light goes off after every charge.
3. You can charge the battery by using the special USB TV OUT cable provided or power adapter. Usually a full charge will take about 90 minutes.
4. The red LED will turn on when recharging and will turn off after fully charged
5. To protect the battery do not use a different power adapter to the one provided.
6. If the camera has not been used for a long period, recharge it before using it.
7. For a fast recharge and best product protection, please charge the battery in the 'power - off' mode.