SUNCAM
USER MANUAL

FEATURES

1. 4 sets of quality interchangeable lenses: brown, amber, black and clear.

2. 3 mega pixels pin hole CMOS camera for clear digital video recording.

3. 4GB microSDHC card, Max 8GB microSDHC card for approximately 3 hours of video recording.

4. Easy USB connection with PC/Laptop/MAC; no driver needed.

5. User-friendly 2 button operation for easy control.

WARNING: SunCam glasses contain impact resistant lenses; they are NOT safety glasses. Although the lenses are impact resistant, it does not make the lenses shatterproof. Impact resistant lenses may break or shatter under certain conditions.

Product Size	170 x 160 x 40 mm (folded)
Physical Weight	1.4 oz
Speed	Read > 700kbs, write . 500kbs
USB	2.0 (HS)
Power Supply	Embedded 550mAh Li-polymer Battery
Power Duration	2.5 ~ 3 Hours at Full Charge
Power Adaptor	5V DC / 50mAh
Power Ratio	< 0.8 W
Memory	Supports Max 8GB microSDHC Card
Resolution	736 x 480
Video Format	AVI
Audio	Stereo
Camera	3 mega pixels pinhole CMOS camera
Recording Speed	25 fps
Working Temp	23º F – 104º F
Storage Temp	-4º F – 176º F

LENSES
REMOVING/REPLACING LENSES

TO REMOVE a lens from eye wear, hold the lens you wish to remove in one hand and support the eye wear frame with your other hand. Pull downward on the lens, away from the top of the frame, while at the same time, supporting the frame with your other hand. The lens will slide downward and out of the frame.

TO REPLACE a lens into eye wear, hold the lens you wish to replace in one hand and support the eye wear frame with your other hand. Slide the lens into the lens channel in the frame and push the lens upward until it rests into place.

BATTERY

A) If device fails to start, in most cases the battery is Dead and needs to be recharged. For initial three charges it is recommended that you charge the battery for at least 8-12 hours for peak performance.

DO NOT CHARGE FOR OVER 12 HOURS.

B) You can either charge the battery using USB cable or charge it through AC adaptor provided. Usually a full charge requires 3-4 hours.

C) Please do not use other AC adaptors other than the one provided in the standard kit to avoid damage to the product.

D) If you haven't used the device for a long period of time, we recommend you recharge the battery first before use.

E) AC Adaptor Lights: red =charging

F) Eye wear Frame Lights:

• blue solid=power on (blue off after 8 seconds)

• blue blinking=recording

• red light=charging

• Note: if blue locked on for more than 30 seconds=device jam. Depress reset button located above red charge light to unlock/reset eye wear.

CHARGING RECOMMENDATION:

Charge battery when drained, or every three (3) months when not in use, to prolong battery life.

MEMORY CAPACITY:

A) The eye wear has no built-in memory. We provide a 4 GB microSDHC card

The user can use up to an 8 GB microSDHC card for more video storage.

B) Card Recommendation: "Class 4"; e.g. C or higher for faster recording speed.

C) Please format card before using.

D) When memory space is full, LED light will stop blinking and start data saving.

PC/MAC CONNECTION:

A) System Requirements:

1) CPU must be at least 1.6 Ghz or above

PC/MAC CONNECTION CONTINUED:

2) Operating system: Win98, WinMe, WinXP, Win2000, Windows Vista, Windows 7, Mac OS 10.6 or higher

3) USB slot

4) Minimum 512 MB memory

5) Please go to our website, www.rhinoutdoors.com and download the free VLC media player and set as your default player

B) Connecting PC/Mac/Laptop:

1) Plug the USB cable to the eye wear and then connect the eye wear to your computer through the available USB port.

2) The computer will recognize the newly added device.

3) To see your video files, click on the Open Folder option. A video file will then appear. Double click on the video file to see your video clips. To play a video, double-click on the video that you would like to watch.

4) You can copy, move, or delete your video file(s) when your video file page is open. Select the video (single click on the video to highlight it) then choose what action you would like to take.

5) To clear storage space on your eye wear for future recording, you will need to delete the video files from the video file page. Please be sure to save the videos that you want to keep to your computer before deleting files from your eye wear.

6) When finished, close all related files and click "safely remove USB connection" following steps prescribed on screen.

OPERATION:

A) Switch On: To start the device, long press the On/Off button once. You will see the red LED light blink once, and the blue LED light will come on, device is then started and ready for recording.

B) Switch Off: One full press of the On/Off button will switch off the device.

C) Auto Shut-Off: If you the leave the device without operation for 30 seconds, it will automatically shut off for power saving. You need to restart it again if you want to do new recording.

D) Recording:

1) Start record: With camera under power, one long press of the recording button will start recording. Blue LED light starts blinking to show that device is capturing video. This can also be seen in your peripheral vision when glasses are worn on nose.

CAUTION: DO NOT record towards the sun or it will damage the camera.

2) Stop recording: While recording, with one short press of the record button, the device will stop recording and go into stand by mode, indicated.

E) Still Photo:

1) With Camera under power, single press the photo Button and the Blue LED will flash once, this can be seen in your peripheral vision.

TROUBLE SHOOTING:

Sympton	Possible Reason	Solution
Fails to Start unresponsive / locked	Flat Battery	Recharge Battery
	Device Jam	depress Reset Button (above power light) with paper clip then restart again
Auto Shut-Off	Flat Battery	Recharge Battery
Cannot recognize when connected to PC/MAC laptop	Connect to PC When Power Off	Connect to PC When Device On
	USB Cable Failure	Replace New Cable
	PC Bios Disabled	Set USB Enabled
	Main Board Does Not Support USB Port	Update Mainboard Driver
	PC System Jam	Reboot PC
Data Not Saving	Memory is Full	Delete Unwanted Files
Power auto of after restart	Battery Power Shortage	Recharge Battery
	Memory is Full	Delete unwanted Files

DISCLAIMER:

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Recording LED indicator
Recording Button
Power on/off
Reset
microSD card slot
Power LED Indicator
Camera
USB