

For more information on i-Kam Xtreme™ products, accessories or F.A.Q. please visit our website at [www.hsindustries.com](http://www.hsindustries.com) or call H.S. Industries at 1-800-530-7149.

- USB connection" following steps prescribed on screen.
- (5) When finished, close all related files and click "safely remove eyewear".
- keep to your computer before deleting files from your page. Please be sure to save the videos that you want to you will need to delete the video files from the video folder.
- (5) To clear storage space on your eyewear for future recording, to take.
- video to highlight it) then choose what action you would like video file page is open. Select the video (single click on the (4) You can copy, move, or delete your video file(s) when your double-click on the video that you would like to watch.
- the video file to see your video clips. To play a video, **Folder** option. A video file will then appear. Double click on several options. To see your video files, click on the **Open** (3) After installation, a new window will pop up and give you shall install the driver, if necessary.
- (2) The computer will recognize the newly added "Disk" and eyewear to your computer through the appropriate USB port.
- (1) Plug the USB cable to the eyewear and then connect the
- B) Connecting PC/Mac/Laptop:**
- (6) Minimum 512 MB memory  
 (5) Minimum 1 GB free hard disk space  
 (4) CD-Rom/DVD Rom  
 (3) USB slot  
 (2) Operating system: Win98/Me/XP/2000/Vista/7/ Mac OS 10.6 or higher.  
 (1) CPU must be at least 1.6 Ghz or above

## PC/MAC CONNECTION

- A) System Requirements:**
- (1) CPU must be at least 1.6 Ghz or above  
 (2) Operating system: Win98/Me/XP/2000/Vista/7/ Mac OS 10.6 or higher.  
 (3) USB slot  
 (4) CD-Rom/DVD Rom  
 (5) Minimum 1 GB free hard disk space  
 (6) Minimum 512 MB memory
- (D) Please format Micro SD card before using.
- damages to the device or Micro SD card.
- (C) If its recommended that you remove the Micro SD card in power-off mode to avoid data loss or or higher for faster recording speed.
- (B) Micro SD card Recommendation: "Class 6", e.g. ⑥ video storage.
- (A) The eyewear has 4 GB built-in memory. The user can also use up to an 8 GB Micro SD card for more

## MEMORY CAPACITY

## OPERATION

**A) Set Time:** It is recommended that the user download the i-KAM XTREME Media Player from [www.hsindustries.com](http://www.hsindustries.com). This player is free of charge and will allow user to set the eyewear to the appropriate time. After downloading the i-Kam Media Player, connect your eyewear with the USB cable to your PC/Laptop's USB port. *(NOTE: If no video recorded, media player will not recognize glasses.)* Open i-Kam Media Player on your desktop and click on the select date/time feature of the media player and set the eyewear to the appropriate date and time.

If you do not have the ability to download i-Kam Media Player, you can do the following:

1. Connect with PC or Laptop, then you can find a new added "Disk(X)" symbol in "my computer." "X" means disk name, like "DISK H" etc.
2. Move the mouse to "Disk X" symbol, double click "Disk X," right click, build a new Text document under the root directory of "Disk X." Make sure the text document is built under "Disk X" not under "video folder."
3. Rename the new Text document to "setdate.txt."
4. Open the new Text document, input the local true time according to the following set form. For example: The year is **2011**, the month is March (**03**), the day is the 7th (**07**), present Eastern Standard Time is: **09:09:01**, so we input like this: **20110307090901**. (YYYY/MM/DD/HR/MN/SC)
5. Save the set time in the Text document, after that, take a new recording. Connect with PC or Laptop, check the time is correct or not. If not, please set time again.

**B) Easy 1 Button Operation (Power/Record):** To start recording, firmly press the button on left temple once. You will see the solid green LED power light and the solid blue LED start-up light. When the blue LED start-up light changes from solid to blinking after 8 seconds...you are now recording.

- The blinking blue recording light can be noticed in your peripheral vision when glasses are worn on nose.
- Caution: DO NOT record toward the sun or it will damage the camera.

**C) Power Off/Record Stop:** One firm press of the button will stop recording and power off the device. When green & blue blinking lights goes off, data saving is finished.

IT IS THE SOLE RESPONSIBILITY OF THE BUYER TO CONSULT LEGAL COUNSEL FOR THE INTERPRETATION OF ANY LAWS APPLICABLE TO THE AREA OF INTENDED USE OF THESE PRODUCTS.

responsible for inappropriate use of its products. way shall H.S. Industries or its subsidiaries or partner be held electronic communications in violation of wiretap statutes. In no to violate the privacy rights of others, or to access or intercept All products sold by or through H.S. Industries may not be used NOTICE: and federal laws.

attorney or law enforcement professional regarding local, state purchased will be used only in a lawful manner. Consult an H.S. Industries, the buyer represents that the products By purchasing i-Kam Xtreme or any other products offered by

## COMPLIANCE WITH APPLICABLE LAW FOR USE OF PRODUCT

ORDERING PRESCRIPTION LENSES

Please visit [www.ikamoptics.com](http://www.ikamoptics.com) or Contact i-KAM XTREME Optics at (877) 393-4526 for further details on specifications, pricing and process.

**WARNING:** i-Kam Xtreme glasses contain impact resistant lenses; they are NOT safety glasses. Although the lenses are impact resistant, it does not make the lenses shatter-proof. Impact resistant lenses may break or shatter under certain conditions.

**For i-KAM XTREME replacement lenses, including Polarized Brown & Polarized Amber lenses, contact H.S. Industries at 1-800-530-7149 regarding availability.**

seated into the frame.

rests into place. Make sure that the lens is securely channel in the frame and push the lens upward until it frame with your other hand. Slide the lens into the lens wish to replace in one hand and support the eyewear To REPLACE a lens into eyewear, hold the lens you slide downward and out of the frame.

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

## REMOVING/REPLACING LENSES

## LENSES

## BATTERY

- A) If device fails to start, in most cases the battery is flat 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. Please **DO NOT CHARGE FOR OVER 12 HOURS.**
- B) You can either charge the battery using USB cable or charge it through battery charger provided. Usually a full charge requires 3-4 hours.
- C) Please do not use battery chargers 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) For better product protection and faster recharge, charge the battery in power-off mode.
- F) Battery Charger Lights: red only=charging; red and/or green=fully charged.
- G) Eyewear Frame Lights:
- Solid green & solid blue=POWER ON (8 seconds program start).
  - Solid green & blue blinking=recording (after 8 secs.)
  - Red light=charging
  - Note: if green & blue locked on for more than 30 seconds=device jam. Depress reset button located above green power light with paper clip to unlock/reset eyewear.
  - Blue & Green flashing and then go off = memory full.

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

## CAUTION

1. DO NOT record toward the sun as damage to the camera may result.
2. DO NOT expose device to rain or moisture as damage may result.
3. Avoid dropping the device as damage may result.

Product Size	170 x 160 x 40mm (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 Full Charge
Power Adaptor	5V DC/500mAh
Power Ratio	< 0.8W
Memory	Built-in 4GB, Support max 8GB Micro SD card.
Resolution	736 x 480
Video Format	AVI
Audio	Mono
Camera	3 mega pixels pinhole CMOS camera
Recording Speed	25 fps
Working temp	23° F-104° F
Storage temp	-4° F-176° F
Player	Windows Media Player, Quicktime, Real player, Storm codec
Menu Language	English
Operating System:	Win98/Me/XP/2000/Vista/7 Mac OS 10.6 or higher

## SPECIFICATIONS

Symptom	Possible reason	Solution
Fails to start	Flat battery device jam unresponsive/locked when connected	Recharge battery Depress Reset Button (above power light) with paper clip then start again
Cannot recognize to PC/MAC/Laptop	USB Cable failure PC Bios disabled Main board does not support USB port	Replace new cable Set USB enabled Update motherboard driver
Data not saving	Memory is full PC system jam	Delete unwanted files Reboot PC
Power auto off	Battery power shortage	Recharge
After start	Memory is full	Delete unwanted files

## TROUBLE SHOOTING

### FCC STATEMENT

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.

### Note:

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are determined to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if 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:

- (1) reorient or relocate the receiving antenna,
- (2) connect the equipment into an outlet on a circuit different from that to which the receiver is connected,
- (3) consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules. Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

### Canadian Doc Notice:

For Class B Computing Devices -This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulation of the Canadian Department of Communications.

## FEATURES

1. 2 sets of quality interchangeable lenses: polarized black and clear. Additional colored lenses available by order for an added cost, more info @ [hsindustries.com](http://hsindustries.com)
2. 3 mega pixels pin hole CMOS camera for clear digital video recording.
3. Built-in 4 GB memory for up to 2 hrs of video recording.
4. Memory slot can support max 8 GB Micro SD card and allows for up to 4 hrs of video recording/storage.
5. Easy USB connection with PC/Laptop/MAC; no driver needed.
6. User-friendly 1 button operation for easy control.
7. Real recording time and date display.
8. i-KAM XTREME Media Player: FREE DOWNLOAD at: [www.hsindustries.com](http://www.hsindustries.com)
  - a) Automated Set Date & Time.
  - b) Take "Snap Shots" and share (.jpg) with social networks.



**3m pixels**  
**4GB built in**  
**MOBILE AVI**

# USER MANUAL



**i-KAM XTREME**  
 video revolution eyewear evolution

## ACCESSORIES



## PARTS INTRODUCTION

