

A faint, light gray silhouette of the European continent is visible in the background, spanning across the middle and lower portions of the page.

iVUE

CROSSFIRE 720P USER MANUAL



PRODUCT MANUAL

TABLE OF CONTENTS

+ What's in the Box.....	1
+ Product Overview.....	2
+ Basic Operation.....	3
+ Setup.....	3
+ Playback/Transferring Files.....	4
+ Changing Lenses.....	5
+ LED Indicator.....	6
+ Troubleshooting.....	7
+ Technical Specifications.....	8
+ Safety and Warning.....	9
+ Notice.....	10

WHAT'S IN THE BOX

- + iVUE Crossfire Camera Glasses
- + Hard Case
- + Carrying Bag
- + Retaining Lanyard
- + Cleaning Cloth
- + Micro USB2.0 HS Cable
- + USB2.0 HS Card Reader
- + Warranty Card
- + User Manual

PRODUCT OVERVIEW **FEATURES & ADVANTAGES**

Unique Design

- Slim, sporty and lightweight design.
- Made of high quality materials for comfort and durability.
- Higher curve and flexible design suits different faces - smaller and bigger.

Grilamid® TR90™ High Quality Frames

- Extremely lightweight, comfortable and durable.
- Impact & temperature resistant
- Non allergenic matte black armor finish

Start/Stop Recording With Only One Button

- The specially designed, user-friendly start/stop button blends into the design of the glasses. Simply press to start recording video & press is again to stop. Recording is indicated by a flashing green light on the inner frame.

Weather Resistant Frame

- Designed to withstand extreme weather conditions – moisture from perspiration or wet weather.

1.8mm Polarized Impact Resistant Lenses

- The quality polarized lenses are 1.8mm thick and are built extremely tough.
- Blocks out 100% of all UVA, UVC and harmful blue light. Lightweight, shatter-resistant and impact-resistant tough material.
- **DISCLAIMER:** For outdoor general purpose only, not intended to be used for industrial eye protection.

140° Wide Angle HD Video Camera

- High end sunglasses with a built-in 720P HD Camcorder.
- 5 mega pixels quality CMOS camera for clear digital video recording.

Fashionable Soft Sleeves and Nose Pads

- Soft sleeves and nose pads are designed to fit snug and not slide off.

Record While Charging

- You can record videos while charging your device. Great to use with a power bank while on the go.

Vibration Alerts

- Your glasses can alert you with small vibrations when you begin recording, powering off, full memory or low battery.

Removable & Interchangeable Micro SD Memory

- You can easily remove and change the micro SD memory cards when you need more memory or need to transfer files onto your computer. For best results, use a HD Class 4 or higher Micro SD Card.

BASIC OPERATION

Charging

Before using your device it is recommended that you fully charge it using the supplied charging cable. Initial charging will take up to 8-12 hours (do not charge past twelve hours). Complete a full charge on your second and third charge as well. Additional charges should last around three hours.

- Charging is indicated by the red LED light on the glasses.
- Charging is complete when the red light is no longer illuminated
- For proper charging, please only use the cable provided.
- If unused for long periods of time, make sure to charge the device fully before using again.
- Device will charge faster when turned off.
- Turn off the device, connect the charging cable to the device, and plug the charging cable into the charging port.

Recording

- To record, press the button located on the left temple for (1 second ON/OFF button). The green LED will illuminate, followed by a vibration alert (2 short buzzes) and then a slow blinking green LED light to indicate recording has begun (on left temple).
- To stop recording, press the button again (this will also turn the device off). The glasses will automatically save the video, vibrate for about 3 seconds and then turn off.
- Each time you stop and start recording, a new video file is created.

NOTE: To limit the file size, the glasses will automatically save the file every 30 minutes and then start with a new file.

Recording While Charging

This device can record while wall charging or power bank charging. The recording process is the same as above.

Note: Glasses will not record while connected to a computer.

Auto Shutoff

If the battery is low or there is no free storage, the device will save the current file being recorded and power down automatically. The green LED will blink very fast and the vibration alert will start and last approximately 3 seconds.

SETUP

Adjusting Date/Time

1. Connect the device to the computer while turned off (make sure memory card is inserted)
2. Turn the device on and verify the drive shows up on the computer
3. Open Notepad (Windows) or TextEdit (Mac) and create a new file.
4. Activate Time/Date - Input the date and time in the following

- format: yyyy.mm.dd hh.mm.ss Y (make sure the “Y” is capitol)
5. De-activate Time/Date - put a capitol “N” in place of the capitol “Y”
 5. Example: 2015.12.01 12:05:00 Y (Dec. 01, 2015 12:05pm - showing)
 6. Note: the time is setup in 24hr time (military time)
 7. Name the file “time.txt” and save the file in the “time.setting” folder located on the glasses (storage drive).
 8. Disconnect and exit the storage disk.
 9. Time is set and ready for recording.

Micro SD Memory

The device supports up to a 32GB micro SD card. For best results we recommend using a class 4 micro SD card or higher. Note: In order to avoid damaging the glasses or SD card, make sure to turn the glasses are off before removing the SD card.

🔄 PLAYBACK/TRANSFERRING FILES

To playback or transfer files to your computer you can plug the glasses directly into the computer, or remove the SD card and insert the card into your computer (using a card reader)

System Requirements

- CPU 500MHz or higher
- Operating system: Minimum Windows XP or Mac OS
- USB2.0HS port
- Minimum 1GB of free hard disk space
- Minimum 512MB RAM

Connecting Glasses to Computer (MAC/PC)

1. Make sure the glasses are turned off
2. Connect the charging/data cable to the glasses & plug into computer
3. Turn the glasses on
4. Green LED will illuminate and glass will vibrate 3 times.
6. Files will be accessible on the removable drive under the DCIM folder (similar to how a flash drive would appear on your computer)
6. Files can be played, moved, or deleted.
7. Make sure to turn the device off before disconnecting.

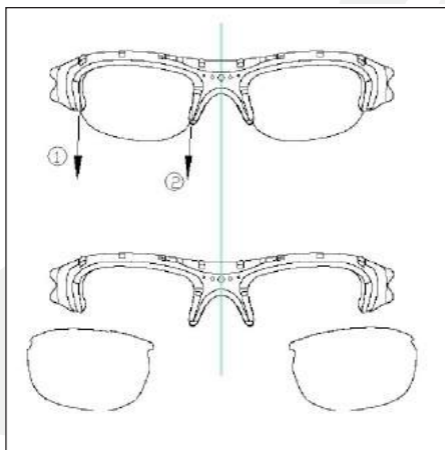
Connecting SD Card to Computer

1. Make sure the device is turned off
2. Removed the SD card by pushing the card inward.
3. The SD card will pop out.
4. Insert the SD card into the card adapter and insert into port.
5. Files will be accessible on the removable drive under the DCIM folder (similar to how a flash drive would appear on your computer).
6. Files can be played, moved, or deleted.

CHANGING LENSES

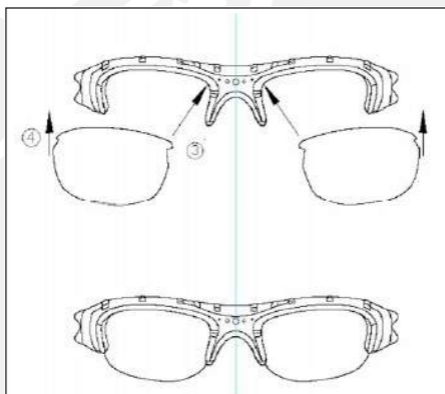
Removing Lenses

Hold the temple of the end you are removing with one hand, and gently pull the lens down and away from the temple, then down and away from the nose bridge.



Inserting Lenses

Hold the temple of the end you are inserting with one hand, and insert the lens in beginning on the side next to the nose bridge, then finish by pushing in the other end.



LED INDICATOR & VIBRATE ALERT

No.	Operation Mode	LED Indicator Status
1	Turn ON	Green LED illuminates, after 2-5 seconds, the vibrating alert will buzz 2 times and the green LED starts to flash slowly. Recording then begins.
2	Turn OFF	The vibrating alert will buzz for 3 seconds.
3	Video Recording	Green LED flashes slowly while video is recording.
4	Memory Full	Green LED blinks and the vibrating alert will buzz for 3 seconds and then turn off.
5	Low Battery	Green LED blinks fast and the vibrating alert will buzz for 3 seconds and then shut off.
	Charging	Red LED on
	Full Charge	Red LED off
6	USB Storage Mode	Green LED illuminates, the vibrating alert will buzz 2 times. Green LED and Red LED will both be illuminated.

TROUBLESHOOTING

Symptom	Possible Reason	Solution
Won't start recording	Dead battery	Recharge battery
	Frozen device	Hit reset button (pin hole)
Auto shut-off	Low battery	Recharge battery
	Memory full	Remove files from SD card or insert a new SD card
Auto shut-off immediately after start	Low battery	Recharge battery
	Memory full	Remove files from SD card or insert a new SD card
Green LED on, no blinking	No SD card is loaded or SD card needs to be reformatted	Load SD card or reformat SD card
Can't recognize device when connected to computer	Glasses are turned on when you plug them into a computer	Make sure glasses are turned off before you plug them in, and then turn them on after they are plugged in
	USB cable is defective	Replace cable
	PC BIOS disabled	Set USB enabled
	Main board does not support USB port	Update main board driver
	PC system jam	Reset/reboot computer
Recordings not saved	Memory full	Remove files from SD card or insert a new SD card
Glasses won't respond/record	Reboot needed	Reset the glasses (pin hole)

Note: Some Mac users have experienced premature storage loss. If this occurs (e.g. the device acts as if the battery is dead, even on a full charge) then please try the following:

1. Connect your device
2. Right click the drive and select “get info”
3. Note the storage available (if there is little-to no space available, even with no files on the drive, then this is the cause of the premature shutdown)
4. You will need to empty your trash can, disconnect the device, then reconnect.
5. Check the available storage again (space should be free now)
6. If this did not fix the issue, the device may need to be formatted (contact customer support for this step).

TECHNICAL SPECIFICATIONS

Dimensions	152*60*42mm (Folded)
Physical Weight	23g
Video Resolution	1280*720P, 30fps
Video Format	AVI
Aspect Ratio	16:10
Audio	16 Bit Data Sample
Interface	Micro USB2.0 HS
Storage Memory	External Micro SD (32GB Max)
Power Supply	3.7V High-Capacity Lithium Polymer Battery (rechargeable)
Power Adapter	5V DC/500mAH
Battery Life	Around 2 hours
Operating Temperature	32° - 161° Fahrenheit
Storage Temperature	0° - 176° Fahrenheit
Media Player	Common media players, or mainstream audio and video media playing software
Operating System	Mac & Windows (plug-n-play)

SAFETY AND WARNING

<p>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.</p>	<p>Warning Do not attempt to dismantle the device. Any attempt to alter or repair the unit, except by the original manufacturer, will void the limited warranty</p>
<p>Proper use of eyewear This eyewear is not designed to protect the wearer from injury in the event of impact with hard objects. 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.</p>	<p>Battery Do not attempt to remove the battery. (Note: Battery disposal must be in accordance with local environmental regulations) If the recording function has not been used for lengthy period, charge it fully before using.</p>
<p>Recycling Please contact your local corporate office for recycling/ disposal information for this product. Do not dispose with household waste.</p>	<p>Don't Expose To Moisture Although the device features a water resistant design, operation can be affected in excessively humid environments – it is not completely waterproof.</p>
<p>File Security This product is not a storage device. It does not guarantee the integrity and security of saved files. Please back up your important documents on the computer or other storage device.</p>	<p>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.</p>
<p>Operating Temperature 0–70°C. To extend the lifespan of the device, it is best used at room temperature.</p>	<p>Cleaning Avoid using it in excessively dusty environments. Use a normal lens cleaning cloth to clean the lens.</p>

NOTICE

We reserve the rights to upgrade or change 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 simultaneously. 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.

HAPPY? NOT HAPPY?

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