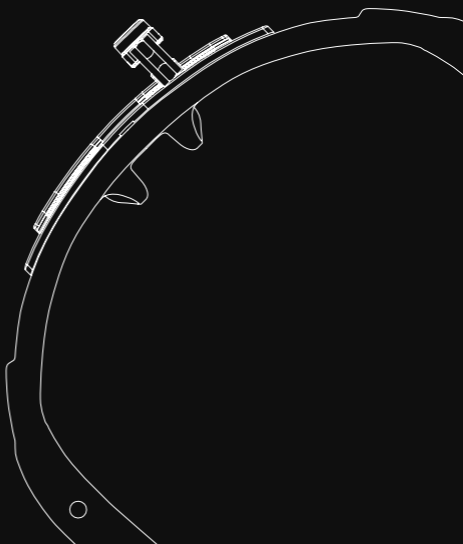


AimCam[®] *PRO 2*

A blue graphic element consisting of a thick, curved line that starts on the left, curves upwards and then downwards to the right, ending under the 'PRO 2' text.

INSTRUCTION MANUAL





Thank you for purchasing the AimCam Pro 2 Line Of Sight Camera Glasses. Before using your AimCam please read carefully all the safety precautions included in this manual.

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BEFORE YOU GET STARTED!

Your AimCam meets the following protective eyewear standards:-

USA

ANSI/ISEA Z87.1-2015 (impact resistant)

MARKINGS

A series of numbers are marked on the ocular and frame, which refers to the field of use, the protection capabilities and performance.

FRAME- AC Z87+

1. AC- Identification of the manufacturer
2. Z87+ - ANSI standard for Eye and Face Protection Devices:
 - High Mass Impact Test
 - High Velocity Impact Test
 - Plastic Lens Penetration Test

OCULAR- AC Z87+ U6

1. AC- Identification of the manufacturer
2. Z87+ - ANSI standard for Eye and Face Protection Devices:
 - High Mass Impact Test
 - High Velocity Impact Test
 - Plastic Lens Penetration Test
3. U6- UV filter transmittance

UV Filter Transmittance:

U2: Max Effective Far UV= .1% / Max Near UV= 3.7%

U2.5: Max Effective Far UV= .1% / Max Near UV= 2.3%

U3: Max Effective Far UV= .07% / Max Near UV= 1.4%

U4: Max Effective Far UV= .04% / Max Near UV= .5%

U5: Max Effective Far UV= .02% / Max Near UV= .2%

U6: Max Effective Far UV= .01% / Max Near UV= .1%

More information on your AimCams markings can be found at <https://aimcam.com>

EUROPE

EN166:2001- Standard for Personal Eye Protection.
EN172:1994/A1:2000 - Personal eye protection-
Sunglare filters for industrial use.

MARKINGS

A series of numbers are marked on the ocular and frame, which refers to the field of use, the protection capabilities and performance.

FRAME- AC EN166F

1. AC- Identification of the manufacturer
2. EN166- Number of the standard which the product fulfilled
3. F- Increased Robustness. Typically, applicable to safety glasses with reinforced mineral lenses particles
4. CE- Conformity code to show the requirement of CE

OCULAR

Clear lens- CE 5-1.1 AC 1F

Black lens- CE 5-3.1 AC 1F

Yellow lens- CE 5-1.4 AC 1F

1. CE- Conformity code to show the requirement of CE
2. 5- Solar Protection (EN172)- Offers no IR protection
3. 1.1 to 4.1- Shade number (1.1- offers 100% light transmission)
4. AC- Identification of the manufacturer
5. 1 to 3- Optical class
6. F- Low energy impact. Typically, applicable to safety glasses with reinforced mineral lenses particles

More information on your AimCams markings can be found at <https://aimcam.com>

QUICK START GUIDE

www.aimcam.com/quick-start

YOUR AIMCAM'S SPECIFICATION



1080P 30FPS
720P 60FPS



SONY 8MP
CMOS SENSOR



GORILLA GLASS
PROTECTIVE
LENS



FULLY
ADJUSTABLE
MICRO CAMERA



62° FIELD OF
VIEW



WIFI ENABLED
LIVE STREAM TO
THE AIMCAM APP



IMPACT
RESISTANT
SAFETY LENSES



RECHARGEABLE
BATTERY 1+ HOUR
RECORD TIME



12MP PHOTO
(VIA APP)



INTERNAL
MICROPHONE



MICRO SD CARD
DATA STORAGE
(NOT INCLUDED)



UV PROTECTION
LENSES



WORKS WHILST
CHARGING (VIA
POWERBANK)



H.264 VIDEO
COMPRESSION
FORMAT



MOV MOVIE
FORMAT

FOLLOW AIMCAM ON SOCIAL MEDIA



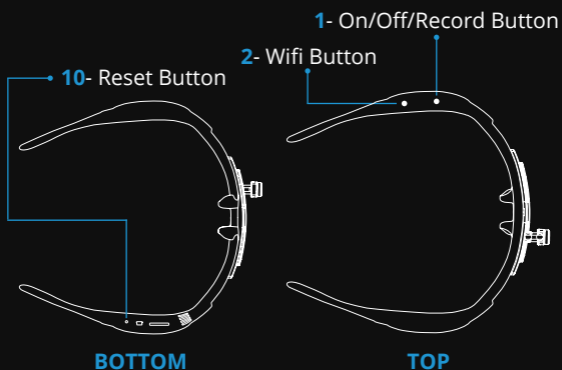
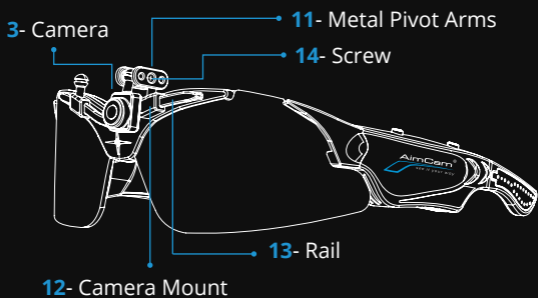
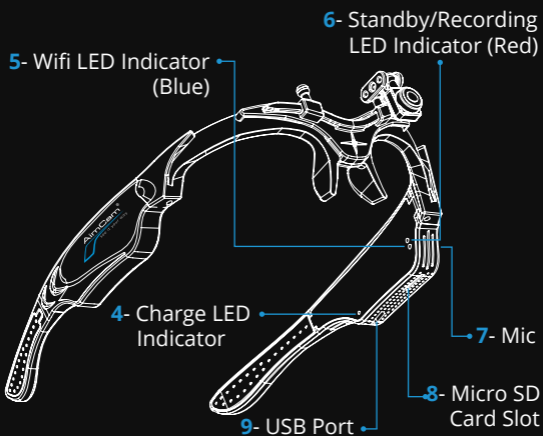
www.facebook.com/AimCam/



www.instagram.com/aimcam_official/



www.twitter.com/AimCam_Official



1. **Preparation.**

Insert a compatible micro SD card (supplied separately) (max 32GB) into the Micro SD Card Slot (8). Ensure that the AimCam is off whenever inserting or removing the Micro SD card. It is recommended to use a Micro SD card of at least class 10 or above.

The AimCam contains a built-in rechargeable lithium-ion battery. The lithium-ion battery comes partially charged. To charge the battery, use the USB cable supplied. Connect the included USB cable to the AimCam glasses in slot (9) and connect the other end of the cable to a compatible charging device such as a mobile phone charger, computer, battery pack, or any device that is able to deliver up to a 5v charge. The red charge indicator LED (4) will remain lit during the charging process. When the battery is fully charged the charge indicator will automatically turn off. Glasses will reach full charge after approximately 2 hours.

2. **Power ON/OFF.**

To power your AimCam glasses ON, press the ON/OFF/Record button (1), the camera LED indicator (6) will automatically illuminate red to indicate your AimCam is on and in standby mode. To power off, press and hold the ON/OFF/Record button (1) for 3 seconds or until the Camera LED indicator (6) goes off.

3. **The AimCam APP.**

Your AimCam is compatible with the AimCam APP which is available on IOS and Android devices. The AimCam APP can be used to calibrate your camera, to view the live stream from the camera, download data and share your videos via social media and much more. For support on using the AimCam APP please visit www.aimcam.com/app-instructions

To download the latest version of the AimCam APP search for 'AimCam' in your APP store on your mobile device.



DOWNLOAD- Download data stored on your AimCam's SD card via WiFi.



SETTINGS- AimCam settings such as AimCam name, password, video record quality, SD card format and much more.



GALLERY- All downloaded content will be stored here.



EXPOSURE- The exposure setting determines how light or dark your image will appear. This can be adjusted to suit your environment.



WIDE DYNAMIC RANGE- Wide dynamic range offers the difference in lighting. When part of an image is extremely dark but another part is so bright you can't see any details. AimCam has (WDR) which is special software that allows this range of lighting to balance out. (White Icon- OFF / Blue Icon- ON)



SCREEN BRIGHTNESS- This effects the brightness of the screen for live stream and video playback. Please Note* this does not effect the exposure of the camera.



STILL IMAGE- Take a still image in the resolution defined by 'image resolution ratio'. Your image will automatically store on your micro SD and also automatically download to your AimCam gallery.



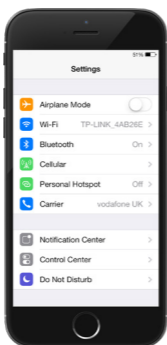
RECORD VIDEO- Wirelessly start and stop the AimCam recording using the APP.

4. CONNECTING YOUR AIMCAM TO YOUR MOBILE DEVICE.

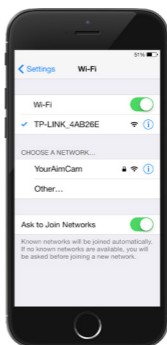
Once you have installed the AimCam App on your wireless enabled mobile device you can then connect your AimCam to your mobile device via WiFi.

Ensure your AimCam is ON and in standby mode (see section 2). You can now turn on your AimCam's WiFi. To do this press the WiFi ON/OFF button (2), with WiFi ON the blue WiFi LED indicator (5) will illuminate. The AimCam will then be visible within your mobile devices WiFi settings as "AimCamXXXX (XXXX is the unique Identification number of your AimCam). Link your AimCam to your mobile device by selecting your AimCam as the WiFi connection and then enter the default password **12345678**

1A.



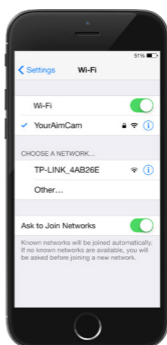
2A.



3A.



4A.



Note: Connecting your AimCam to your WiFi enabled mobile device is a similar process as connecting to a home WiFi router.

Now your AimCam is connected to your device via WiFi, open the AimCam APP and connect. For further instructions please visit www.aimcam.com/app-instructions

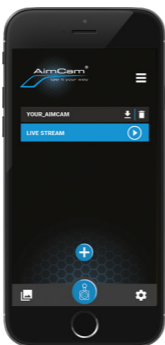
1B.



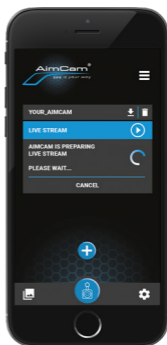
2B.



3B.



4B.

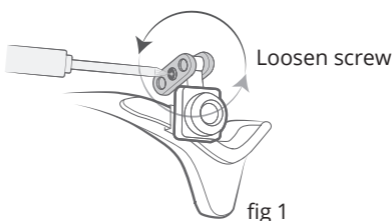


Note: Due to the power consumption of the WiFi function it is recommended that once the camera has been set up and locked in place for your unique line of sight the WiFi function is turned off.

5. **Setting up the AimCam Camera for your personal line of sight.**

The AimCam has been designed to capture your optimum line of sight for any sport and activity.

- A. Firstly, determine which is your dominant eye when aiming. Usually (though not always) this is the same side as your dominant hand. Out of the box, the AimCam has camera mounts (12) over the right and left eye, with the camera mounted on the right camera mount. If you are left eye dominant it is easy to swap the camera over. Use the micro tool provided and loosen the screw (14) by turning it anti-clockwise (fig 1). Loosen the arms enough to temporarily remove the metal pivot arms (11) from the camera mount (12). Now move the camera (3) along with the metal pivot arms (11) to the left camera mount (12) and re-tighten the screw (14) with the micro tool provided. It is advised to leave the screw loose enough to allow the camera to be physically manipulated until you are ready to lock the camera off.



- B. Turn on the AimCam (see section 2) and then after a few moments turn on the WiFi function (see section 4) once you have established the WiFi connection, open the App and select live streaming to see the footage that your camera is capturing in real time. Now place the screen in front of you and whilst wearing your AimCam pick up your bow, gun or other sports equipment and adopt your normal aiming stance while aiming at your screen.

Note: do not risk using a loaded weapon while setting up your AimCam

- C. With the camera streaming to your device, adjust the camera mount along the sliding rail (13), then pivot left or right and up and down until the camera captures your exact

line of sight without the camera impeding on your vision. It is advised that time is taken here to capture the best line of sight possible.

- D. Once you are happy with the camera position and angle you have found, you can lock the camera in this position by tightening the screw (14).

6. **To begin recording.**

To start record mode please ensure your AimCam is turned on and in standby mode (see section 2). Now press the ON/OFF/Record button (1) briefly once, the camera LED indicator (6) will begin to flash to indicate AimCam is now recording. Repeat this to turn off record mode and to re-enter standby mode.

Note: You can only enter record mode with a micro SD card inserted (maximum 32GB).

7. **Extended battery life with the use of external battery power.**

Your AimCam is capable of operating for an extended period of time by using an external battery pack (purchased separately). To use an external battery pack use the 1 meter USB cable provided and simply connect from the micro-USB slot (9) to the "AimCam Reloaded" Powerbank. Go to www.aimcam.com for a full list of accessories.

Note: When using an external battery pack, connecting or disconnecting the battery pack could stop your AimCam recording.

8. **Changing the video settings.**

The AimCam is capable of recording full HD 1080p at 30 frames per second or at 720p at 60 frames per second. The advantage of the higher frames per second comes when you slow down the action to review your hits (or misses) since the more frames per second the more detail you are capturing. You can only adjust these settings via the AimCam APP. The APP is loaded with useful features and functions find more information on the AimCam APP at www.aimcam.com/app

9. **Viewing and editing videos on your PC or laptop.**

PC:

- A. Connect to the PC or Laptop using to USB cable included in slot (9)
- B. Turn on the camera.
- C. Double click "My Computer" and locate "Removable Disk".
- D. Double click "Removable Disk" icon.
- E. Double click "DCIM" folder icon to view all Photo or Video files.
- F. Copy/move files to the computer or external hard drive.

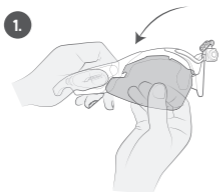
Mac:

- A. Connect the camera to Mac using USB cable included in slot (9)
- B. Turn on the camera.
- C. The Mac will recognise the camera as an external hard drive. Double click icon for external drive to access files.
- D. Copy/move files to computer or external hard drive.

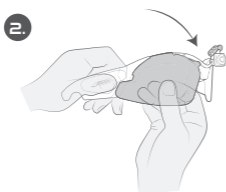
10. **Viewing videos from your SD card.**

Should you wish, you also have the option to view your photos or video directly from your SD card. You can achieve this by simply removing the SD card from your AimCam and inserting it into your PC.

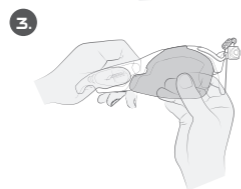
11. Changing your AimCam lenses



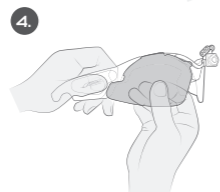
Insert the hooked edge (Left of this image) into the side channel.



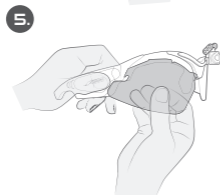
Once the hook is firmly in place, push the opposite side into position.



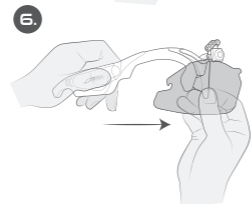
Firmly manipulate curved catch into channel (Expect some resistance the first time you do this).



Ensure you release the opposite side first when taking out the lens (Right of this image).

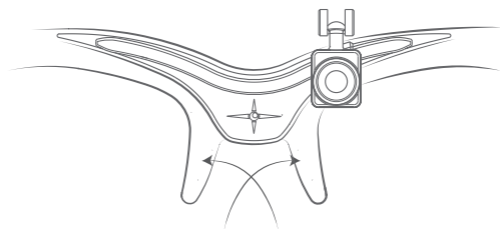


Remove the hook from the channel (Left of this image).

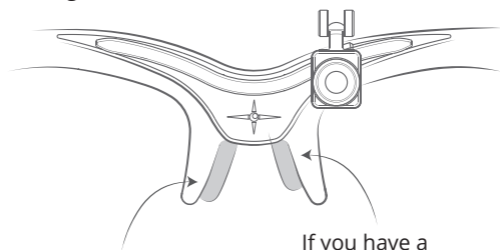


Slide lens to release.

12. Applying nose pads (if required)

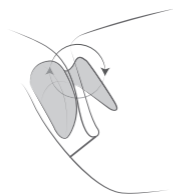


Note: To get the best results from your AimCam nose pads, please clean the area where the nose pads will be applied. This will ensure a better stick and stronger hold.

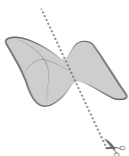


If you have a wide nose profile, we advise you place the nose pads lower on the frame.

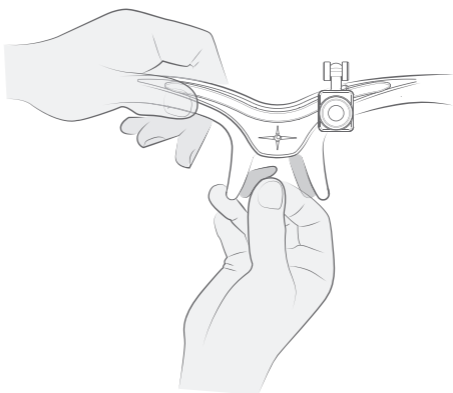
If you have a narrow nose profile, we advise you place the nose pads higher on the frame.



Option 1: To get the strongest hold from your nose pads, wrap and stick on the frame nose area.



Option 2: If you want a more subtle look, you can cut the nose pads in half and stick on the inside of the nose area.



Note: Apply pressure on the nose pads to ensure product is stuck down.

13. Troubleshooting

Insufficient SD card Storage space	The WiFi LED indicator light (5) will blink slowly for ten seconds then turn off
Low Battery	The WiFi LED indicator light (5) will blink quickly for ten seconds then turn off
No Function	Ensure that the Micro SD card is properly secured in the slot (8) If AimCam is still not responding use a small pin to press the reset button (10) to restart the device.
WiFi LED (5) is the only light showing	Please contact support@aimcam.com
Micro SD not saving data correctly	Format your Micro SD. This can be completed in the AimCam APP or via a PC.

AimCam will only record for a short period of time before turning OFF.	Ensure the fault is not caused by a flat battery or full micro SD card. If the issue persists format your Micro SD. This can be completed in the AimCam APP or via a PC.
AimCam will not function	Ensure your micro SD card is no bigger that 32GB.
Forgotten AimCam password	For security purposes please contact support@aimcam.com
Can not connect to the AimCam APP	Ensure you have the most recent firmware on your AimCam. Please visit www.aimcam.com/aimcam-firmware to download the latest AimCam firmware.
My AimCam will not power ON	Please make sure your AimCam has power, if the problem persists please contact AimCam at support@aimcam.com

Note: Your AimCam will generate heat during normal operation. This is nothing to be concerned about and will not affect function in any way, it is simply a result of the heat generated by the microprocessor and WiFi function.

WEEE regulations.



WEEE stands for Waste Electrical and Electronic Equipment. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please do not dispose of these products as unsorted municipal waste, but hand it in at an official collection point for recycling.

Warning:

It is advised that this eyewear should not be worn over prescription frames, as there is the possibility that impact may be transmitted to the prescription frame and thus creating a hazard for the wearer.

Warning:

Many of the sports for which you might wish to use your AimCam have associated risks involved in participation. Please take care to enjoy your sport safely.

Warning:

Keep dry and away from moisture. Do not use if damaged or wet. The AimCam is not waterproof and should not be used in wet conditions or underwater. Ingress of water will damage both the camera electronics and the battery, which could cause an explosion or fire. Your warranty does not cover water damage.

Warning:

Do not use the camera if it has been damaged—for example, if cracked, punctured, or harmed by water.

Warning:

Do not place your device inside or in close proximity to heaters, microwaves, fires or items emitting magnetic fields.

Warning:

When not in use store your AimCam in the case provided to avoid it being damaged or becoming dusty. Do not clean your AimCam device with water, detergents or other chemicals. Wipe with a soft cloth or cotton bud. Use air to blow any accumulated dust from apertures.

Warning:

Disassembling or puncturing the integrated battery can cause an explosion or fire.

Warning:

Do not look directly into bright light when wearing AimCam – the lenses offer no protection from the harmful effects of bright light.

Warning:

Do not attempt to disassemble or repair the AimCam.

Warning:

This eyewear offers no protection against IR radiation and thus should not be used as a primary protection in environments where dangerous levels of IR radiation are present.

Warning:

Where as all AimCam lenses offer adequate UV protection against UV sun radiation they should not be used in any environments where there are hazardous levels of UV radiation present, such as in UV curing operations.

Warning:

Check eyewear regularly for noticeable scratching, pitting or any other damage to the lens. Scratching, pitting or other damage to the lens can seriously reduce the level of impact protection provided by the product.

Product Support

For more information and advice on how to get the most from your AimCam visit www.aimcam.com where you can view video tutorials, download the latest APP's for IOS/Android and find

accessories to help you do even more with your AimCam.

If you experience a problem with your AimCam device or accessory, please first visit our website for advice. If your product or part has a manufacturing defect that is covered by the following warranty we will repair or replace your product or part free of charge.

WARRANTY

AimCam frames, lenses, accessories, and electronic components are guaranteed against manufacturing defects for 12 months from the original date of purchase. AimCam reserves the right to determine what is considered a manufacturing defect. In the case of defects during this period, AimCam will, at its option, repair or replace the defective part or product with a comparable part or product. AimCam is not liable for any data that is lost, damaged, or erased in connection with a product defect or the repair or replacement of a device.

Any repaired product will be warranted for the remainder of the original Warranty Period or thirty (30) days, whichever is longer. The warranty will cover the costs of shipping the repaired or replaced device back to the customer.

A dated proof of purchase will be required for all warranty claims.

Warranty will be void if:

- The AimCam has not been operated or maintained in accordance with instructions supplied
- Any electronic compartments have been opened/ tampered with.
- The AimCam has been exposed to water/damp.
- A repair has been attempted by anyone other than AimCam.

- Damage has been caused as a result of electrical overload during charging due to the use of inappropriate current or voltage.

Damage resulting from use, accident, or normal wear and tear is not covered by this or any warranty. Scratches on lens or frames are considered normal wear and tear and are not covered under this warranty.

Returns or replacements of parts and/or products may be subject to shipping, handling, replacement and/or restocking fees.

AimCam accept no liability for any accident, injury, death, loss, or other claim related to or resulting from the use of its products. AimCam encourage responsible participation in sports and accept no liability for any illegal, reckless or unintended use of its products.

Out-of-Warranty Repairs

For items that are not covered under the AimCam warranty, repair or replacement shall be undertaken solely at the discretion of AimCam on the basis of a price to be agreed with the customer. A range of replacement components which are susceptible to normal wear and tear such as lenses are available to purchase through www.aimcam.com.

Languages

These instruction are available in a range of languages at www.aimcam.com/manual

PLEASE VISIT WWW.AIMCAM.COM
FOR FURTHER INFORMATION



RoHS

DESIGNED IN BRITAIN
MADE IN CHINA