



2020 GunCam[®] for Clays & Hunting



Proudly Designed in the USA



facebook.com/guncamera

Technical Questions?
support@tachyoninc.com

Quick Start Guide

Thank you for choosing the Tachyon 2020 GunCam®

- There is no better tool for evaluating your shooting and to help you recognize your strengths and weaknesses.
- **Great video. Great sound. Light, rugged, and reliable.**

Mounting the Camera on your Guns

- Your **GunCam®** comes inside its metal case. To open the case, take out the three screws with your hex key.
- On the inside curve at the top of each side of the mount, peel off the backing paper and place the padding that was packed with your camera. This padding is most likely the best fit for the common 12-gauge shotguns.

- If you find your mount to be loose you may change to a thicker padding. You may also add additional padding temporarily by not removing the backing paper for your 20 and 28 Gauge shotguns, over & under, semiautomatic and pump-action shotguns.

Be sure to stick pads to the mount and not to your gun.

- Close the case over the camera and shotgun barrel and tighten the screws with the hex key.

- Mount up to **5 inches (12.7cm)** behind the mouth of the barrel or choke. In case you have a port on your gun, do not cover it. Just mount behind the port. Your video will be fine, although you will see the muzzle of the gun at the top of your screen.



Charging (Camera is pre-charged for you)

- Open the flap on the back.
- Insert the included Tachyon proprietary USB cable into the socket and the other end into your computer, power bank, or included wall adapter.

Be careful that you insert at the correct orientation and understand that you will damage your camera if you use a 3rd party cable.

- Charging time for an empty battery can be up to seven hours. The camera will stop charging and the blue light will turn off when it is fully charged.
- If you do not see a blue light, don't panic. It means that your camera is already fully charged.
- A full charge will allow you to record up to 2.5 hours of video.

Formatting & Inserting Micro Memory Cards

- You do not need to format new card before using. Only cards that have been previously used in other devices must be formatted in your computer before using. We do recommend that you occasionally format your card, after saving all of your files to your computer, to remove bad data and ensure smooth operation.



- When formatting cards, you must use your computer to format **32GB** cards to **FAT32** and **32 kilobytes** or **64GB** up to **256GB** cards to **exFAT** and **128 kilobytes**. These formatted cards will be read and prepared for use by your camera. **Check the box for Quick Format**. This process will take about 35 seconds for the bigger cards, and then your camera will turn off. All previous files on the card will be erased.
- Insert a micro memory card, gold contacts facing up, into the slot on the back of your camera. Be careful to insert horizontally, and not at an angle. Push the card all the way in with your nail until you feel the spring and hear it click securely into place.
- It is estimated that with a **32GB** memory card you should be able to record **3 hours** of video, **64GB 6 hours**, a **128GB** card, **12 hours** and a **256GB** card around **24 hours**.
- If you ever see a pop-up saying that your card has a problem with your drive, don't be afraid to scan the drive and fix it. Your files will not be lost or damaged.

Opening & Transferring Video Files

- Connect your **2020 GunCam® for Clays & Hunting** to your computer using Tachyon's proprietary USB cable. **You will damage your camera if you use a 3rd party cable.**
- You may also remove the memory card from your camera and insert it directly into your computer (or into an adapter and then into your computer).
- You can now copy, move, rename, or delete the files on your card. We suggest that you copy your files to your computer first before playing or editing them.
- The date and time on your camera will be automatically updated to your local time when you connect to your smartphone via the camera's Wi-Fi and the Tachyon app. Your video files will be encoded with this time and date.

LED Functions

- When recording a video, the LED on the right will shine **RED**.
- If there is no memory card in your camera, or if the card has a problem this LED will flash **GREEN** for 30 seconds before turning off. We recommend that you format your card and try again. If that fails, use a new memory card.
- When your battery is nearly drained, the LED on the right will flash **RED**.

Connection Difficulties?

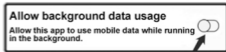
With some providers, you may experience difficulties connecting to the Tachyon App when your data is switched on. Please follow these steps to switch it off your data. (This will not interrupt your calls or text messages)

Android:

Settings → Apps → Tachyon App → Mobile data → Allow background data usage (switch off)

iOS:

Settings → Tachyon App → Cellular Data (switch off)





Using the Tachyon App with the Camera's Wi-Fi Mode

- To use Wi-Fi to record your shooting you must download and install the Tachyon App to your phone or tablet. To find it, **Search for "Tachyon" in your App Store** and look for the **GunCam®** logo. The app is available for both iOS and Android.
- **Wi-Fi-On** mode is best used for setting up your preferred zoom level and to select and calibrate your reticle. It also updates your camera's time and date so that it will be accurately encoded in your videos.
- It is also helpful when you are shooting with a coach or with your friends. They will be able to start and stop the recording within 10 feet, freeing you to focus on shooting. You can then immediately watch the results on the field and correct your approach if necessary. You may, of course, do the recording yourself as well. This mode will require higher battery usage, limiting you to around 2 hrs. of power.



How To Use Your App with the Wi-Fi

- After downloading and installing the App on your phone or tablet, make sure that you have a memory card in your camera.
- Switch the camera to **Wi-Fi-On** mode and then turn it on. When you do you will first see a **Green** LED on the right and then the **White** LED on the left. The LED will remain like that until you begin recording from inside your App. The **Green** will then change to **RED** until you stop recording, when it will change back to **Green**.
- It is recommended that you also choose the 60fps mode on the right switch, because it shows more detail of your shots.
- The Wi-Fi signal is now emitting from your camera. To connect your device with the Wi-Fi, open your Tachyon App on your phone or tablet, making sure that your device's **Wi-Fi-On** mode is activated. Click on the big ENTER button.
 - Click OK when asked if you want to connect to the camera.
 - Choose the **TACHYON000C432A4DXX** connection.
 - The password is **■■■■■■■■■**, which will be saved.
 - You may hear a notification sound to tell you that you are connected.
 - Return to the previous screen using your device's back button.
 - Click ENTER again to begin. You will now see the view from your camera.



Setting Zoom Level & Choosing and Calibrating the Reticle

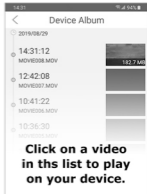
- Select your preferred Zoom level by clicking on the **#X Icon** at the top right.
- You will see a drop down menu with levels from 1X to 4X.
- The lens is designed with an already tight zoom, but we provide additional zoom levels for when you want to record even closer video.
- Select one of the four reticle styles, or none, by clicking on the **Choose Reticle Icon**.
- Calibrate your reticle position by clicking the four cursors to perfect the point of aim.
- Save your setting by clicking on the **Save Icon** at the bottom right. The icon will become semi-transparent until you make changes that need to be saved again.
- You may change your zoom settings and calibration while recording, but the reticle style is locked until you stop the recording.

Recording Video & Viewing Video Files

- Begin recording video by clicking on the **Movie Camera Icon** at the top left.
 - You will see the red recording light come on, along with the elapsed recording time.
 - To stop recording, press the **Movie Camera Icon** once again.
 - To open your recorded files, click on the **Open Folder Icon**.
- The thumbnail at the top of the list is your most current recording.
- Click on any video to play. You may expand the video to full screen using the **Expanding Arrows Icon**, and you may adjust the speed of your videos with the speed percentage icons. 10%, 20%, 30% and 100% speeds are your options.



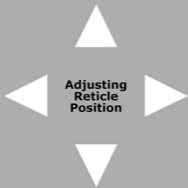
- These videos are stored in your camera's memory card and not on your phone, so you may also view them when you copy them from your memory card to your computer.





00:00:05

Recording & Elapsed Recording Time

Choose
ReticleChoose
Zoom

Wi-Fi-OFF Mode

- We recommend for normal use that you switch to **Wi-Fi-Off**. The reticle and zoom level that you chose when in Wi-Fi mode will remain the same.
- To start recording in this mode, press and hold the power button for 2 seconds until you hear the start-up sound.
- To pause recording, while waiting for your turn or for prey, tap the power button. You will hear a beep and see the red LED flashing. Tap again to resume. This is a great aid in cutting out wasted video, making it easier to find the important seconds that you want to focus on. ***(In Wi-Fi-On mode, you must click on the movie camera icon on your connected device to start and stop recording.)***
- While paused, the camera will use less power than normal, and no memory.
- To shut down the camera and save the video, press and hold the power button for two seconds, until you hear the double-beep of the camera shutting down and see the red LED turn off.



Video Mode

- **FHD 60** is the default setting, recommended for shooting. This mode will record twice as many frames as **QHD 30**. We recommend this mode because of the high frame rate.
- **QHD 30** (30 frames per second - Quad HD) will record at nearly twice the resolution of **FHD** (or 1080p). For non-shooting video, we recommend this mode for the higher resolution.



Scan this
QR Code
for Intro
Video



Scan this
QR Code
for a Clays
Video



Scan this
QR Code
for Hunting
Video



- Your camera will be able to charge while recording, but you will still need to start the camera in order to record. This is especially useful for those long hours out in the fields or woods.
- The **GunCam®** is light-rain resistant. It is **NOT** waterproof. In heavy rain, please keep covered, and never submerge in water.

Video Player

- We highly recommend the **VLC Video Player** for playback on your laptops or desktops.
- Download at www.vidolan.org. With this version it is very easy to increase or decrease the speed of your videos to better help you analyze your shots. Use the the [and] or the + and - keys to speed up and slow down the playing speed.
- Press the **Space bar** to pause, and the **E key** to advance one frame at a time.
- For zooming on the video, see details at tachyoninc.com/playback.html

Disclaimer: *Tachyon, Inc. Will not under any circumstances be responsible for injuries or property damage incurred during the use of any of our products.*



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