



Tachyon
GunCam

Improve your Shooting with the 2018 GunCam[®] for Clays & Hunting



Proudly Designed in the USA



facebook.com/guncamera

Technical Questions?
support@tachyoninc.com

Quick Start Guide

Initial Charging

- Open the flap on the back by pulling it down.
- Insert the included USB cable into the socket and the other end into your computer, power bank, or optional wall adapter.
- Charging time for an empty battery can be up to four hours. The camera will stop charging and turn off the blue light when it is fully charged.
- A full charge will allow you to record 2.5 hours of video.

Formatting & Inserting Micro Memory Cards

- For cards previously used in other devices, ***you must use your computer to format 32GB cards to FAT32 and 32 kilobytes or 64GB and 128GB cards to exFAT and 128 kilobytes.*** These formatted cards will be read and prepared for use by your camera. This process will take about 35 seconds for the 64GB and 128GB cards, and then your camera will turn off.
- Insert a new or formatted micro memory card, gold contacts facing up, into the slot. 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.
- We recommend that you use from **32-128GB** cards. ***256GB cards and larger are not supported.***

• With a **32GB** memory card you should be able to record 3 hours of video, **64GB** 6 hours and **128GB** card, 12 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.

• **Note:** You do not need to format new card before using. Your camera will automatically format it for you. Only cards that have been previously used in other devices must be formatted in your computer before using.



Mounting the Camera on your Guns

- To open the mounting bracket, loosen and remove the two screws with your hex key and then pull the two sides apart.
- On the inside curve at the top of each side of the bracket you will see pads for 12 Gauge O/U already in place. We also provide additional padding for you to stack up as needed for the appropriate fit to your shotgun.
- The **GunCam® for Clays & Hunting** mounts to 12, 20, 28 Gauge & .410 Bore shotguns, over & under and semiautomatic.



- Mount your camera up to **5 inches** behind the mouth of the barrel or choke of your gun. 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 may see the muzzle of the gun at the top of your screen.
- Close the bracket over the shotgun barrel and tighten the screws with the hex key.

Adjusting the Mount

- Every gun is different. And every discipline requires shooting at different distances. This is why an adjustable mount is needed to ensure the most accurate aiming so that the crosshairs on the video will show the true target of your gun.
- To adjust, loosen the three screws on the plate covering the ball joint. This will allow you to rock the camera angle up or down, left or right. A very small adjustment here will make a big difference in aim when shooting at a distant target.
- When the camera is pointing to your desired direction, re-tighten the screws evenly, as you would with the nuts on your car's rims.



GunCam for Clays & Hunting on YouTube

- Check out some great clay shooting and hunting videos taken with the GunCam at our YouTube channel.
- Scanning the QR codes next to the video screen shots will take you directly to our videos.





Video (Mode • Record • Pause • Resume • Stop)

- To shoot video at **QHD 30** (30 frames per second - Quatro HD) , slide the switch up. This mode will record at nearly 2 times the resolution of **FHD-60** (60 frames per second - 1080p).
- To shoot video at **FHD 60**, slide the switch down. This mode will record twice as many frames as **QHD 30**. *We recommend this mode because of the high frame rate.* You may switch between recording modes while filming without having to stop.
- Press and hold the power button in the middle to begin recording. The camera will beep and the **GREEN** LED briefly light up, followed by the **RED**.
- To **Pause** recording, tap the button once. The **RED** LED will blink while the camera is standing by. Tap once again to **Resume** recording.
- To **Stop** recording, press and hold the power button until you hear two low-pitched beeps. The **RED** LED will turn off.

Opening & Transferring Video Files

- Connect your GunCam® for Clays & Hunting to your computer using Tachyon's proprietary USB cable. **You may 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 smart phone via the camera's WiFi Your files will be encoded with this time.

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 **ORANGE**.

WiFi OFF Mode

- We recommend for normal use that you switch to **WiFi OFF**. For this mode we have chosen the most suitable features, such as cross-hairs on the videos (FHD-60 only), the best two video resolutions to choose from, and the tap-to-pause, tap-to-resume functions, etc.
- 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, and then again to resume, tap the power button.
- To shut down, press and hold the power button until you hear it power off.

WiFi ON Mode

- WiFi is highly recommended for coaches, who will be able to control the camera on their student's guns from a distance of up to 10 feet. This mode will require higher battery usage, limiting you to 2 hrs of power. The crosshairs will not appear on the live video feed, but will show in the recorded files.
- When you switch on the WiFi, the LED will turn **White**.

Note: iOS devices need to turn **OFF** their data before connecting to the WiFi. Android devices can connect to the WiFi with the data turned **ON** or **OFF**.

Video App

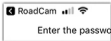
- To use WiFi to record your shooting, you must first download and install the **RoadCam app** from your app store.
- This is a third-party App, so any questions must be directed to the developers. We recommend that you don't share your videos there.

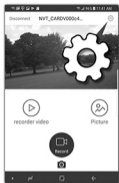
Operation

- Turn on your GunCam's WiFi, and then start the app on your phone or tablet.
- Choose **NVT_CARDV000c432b5511**
- Enter the password **12345678** and then **Join**.
- After joining, iOS click on **< RoadCam** at the top left of your screen. Android click Back.



RoadCam
dash gun



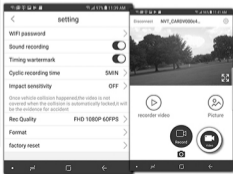


Settings

- Click on the Settings icon (top right corner) to choose from the many optional settings on your camera.
- We suggest that you choose **FHD 1080p 60 FPS** for your clay and hunting recording. This give you a lot of frames where you can clearly see your shot. string on the way to the clay or game.
- We recommend that you keep the **Sound and Date Stamp ON**.

Recording

- As soon as you connect your phone or tablet to the camera via WiFi, recording will start. You can see by the big red "Record" ("Video" on iOS) button that you are recording.
- To stop recording, push the **red button** until it turns **orange**.



Full Screen

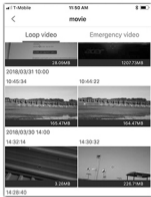
- You may expand your video to full screen by clicking on the **Full Screen icon**. To minimize again, click on the **Minimize icon**.



- Recording through the WiFi does not allow you to pause and resume the recording in the same video file as you can do when controlling the camera manually. When you stop and start via WiFi you will create new files.

Playing Back Videos

- Click on the "recorder video" (*Recorded Videos*) arrow icon on the top left to see your collection of recorded files. Select one to play it back on your preferred video player. We suggest **VLC**.



Video Player

We highly recommend the **VLC** video player for both your computers and your phones and tablets.

- For laptops or desktops, download at www.videolan.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 **+** and **-** keys for PC and the **[** and **]** keys for Mac 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 *Android*, search for **VLC for Android** and for *Apple*, search for **VLC for Mobile** in your App stores.



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