



Tachyon®

GunCam®

1080p GunCam® mini for Practical Shooting Quick Start Guide



**Proudly Designed
in the USA**



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Technical Questions?

support@tachyoninc.com

GRAND POWER LLC
Made in Elvertle

Thank you for choosing the Tachyon 1080p GunCam®mini

This camera is designed specifically for shooting sports, and is the camera of choice for practical shooters. It features a 2 Minutes Auto-Stop mode for each stage, along with One-Button Start with a chime. Turn it on when hearing, **"Make Ready!"**, and you will have the perfect amount of recording time to capture your stage, record the targets, and hear your results. This can let you focus on your strategy rather than on remembering to turn off the camera. For 3-Gun or for longer stages, the shooter can switch to Manual Recording Mode and then turn off the camera manually.

GunCam®mini has excellent light response, so it always records great video no matter the lighting - whether it is your first stage while it is still quite dark, or in the middle of the day facing a strong sun. Sound recording is high-quality, not missing a single shot or word. This low-profile camera and adjustable mount, together with the just-right, non-distorted field of view, will give you the best video and audio recording of your shooting experience.



Charging

GunCam®mini does not have hours of recording time like the full-size **GunCam®**, but when set to the 2 Minutes Auto-Stop mode, you will have plenty of power to record **20 + stages**; that is more than enough for one day. You may of course bring a power bank to charge the camera during breaks.

- To Charge, open the flap on the back and 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. Insert with the small square facing towards the top of the camera.



- Charging time for an empty battery can be up to **two 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 **20 + stages of shooting**, when set to the 2-Minute Auto-Stop mode.

Inserting Micro Memory Cards

- 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.
- Some memory cards are thicker than others, and we have no control over your card choice. If you find that your card is jammed inside the camera, you may slightly loosen the four screws on the rear and push the card with your nail.

LED Functions

- When recording a video, the LED on the top 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 top will flash **RED**.
- We recommend to recharge the cameras at least every three months.



Micro Memory Cards & Formatting

- We recommend that you use a 32 or 64GB cards, although you may use up to 256GB cards.
- If you have a card previously use with another device, we recommend you to do a **Quick Format** of the card on your computer.
- 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:

32GB cards select FAT32 and 32kilobytes.

64 to 256GB cards select exFAT and 128kilobytes.



Video Mode

- To shoot video, the switch on the left can be in the up or down position. But to sync your video recordings with your computer you must put the switch in the down position (Circle)
- On the right switch, **2Min** is recommended for Practical Shooting Matches. This mode will record for exactly two minutes after you start recording and then stop. This will let you focus on your tactics rather than having to remember to switch off the camera. It also makes editing your files much easier because you don't have to look through many minutes of wasted recording to find the important action.
- **Manual** allows you full control of when you stop recording. This is perfect for longer stages such as with 3-Gun.

Uploading Mode

- Connect your **Tachyon 1080p GunCam®mini** to your computer using Tachyon's proprietary USB cable. ***You will damage your camera if you use a 3rd party cable.***

- Move the left switch down to **Upload Mode**.
- When you connect your USB cable to your computer, a window will pop up showing all of the files on your card.
- 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.
- You may instead remove the memory card from your camera and insert it directly into your computer (or into an adapter and then into your computer).
- The camera is programmed with DCIM format, making it easy to Import video to **iOS** devices with the optional lightning adapter available at the Apple Store.
- For **Android** devices, you may buy a Type C adapter for newer devices, or Micro USB adapter for older devices, to put between your **Android** phone or tablet and the **GunCam®mini**.

Once connected, look in **My Files/USB Storage 1/DCIM/100TACH** for your recorded videos.



Video Player

- We highly recommend the **VLC Video Player** for playback on your 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 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.*





- Remove the screw and nut from your **Cap Mount**.
- Use a sharp object to punch a hole through the bill of your cap.
- Secure the **Cap Mount** by fastening the screw and nut to your cap through the hole you have punched.
- Use the **Hex Key** to adjust the elevation of your camera.
- You may add the **Rainproof Cover** to the camera to protect the camera from elements such as bullet fragments, rain or sand. The lens of the cover has been improved and is now made of glass for improved clarity.

• You may also mount the camera **beneath** the bill of your cap. It is small enough that it won't block your view and it will give you a perspective that is even closer to what your eyes can see. Just be sure to keep the Tachyon logo on your camera facing up when you place it into the mount. **(See Pages 6 & 7)**





- **For mounting under the bill,** instead of just flipping the mount upside down, it is better to unscrew the two tiny screws and remove the adjustable elbow piece.



- Now use those two screws to directly mount the U-shaped piece under the bill.
- We recommend when positioning the mount under the bill that you point it slightly towards your strong hand. This should give you the best video results. ***So be sure when you punch holes in your cap that you plan ahead for this.***



Check out our
**Featured Video with an
 All-Star Cast of
 International Shooters
 Recording with the
 1080p GunCam® &
 1080p GunCam®mini**

Nils Jonasson

