Tachyon® mini

4K Video, Built-in Wifi

Quick Start Guide

Proudly Designed in the USA

Thank you for choosing the Tachyon® mini in 4K with Wifi

- 4K video resolution (*2K or 2560 x 1440 in 60fps when record with Wifi*)
- Built-in Wifi
- One-button touch to vibration on
- It has three full-function models with Wifi, which can be used with the Tachyon App
- Built-in memory options of 64GB, 128GB, or 256GB to record 3, 6, or 12 hours

Tachyon® mini uses top of the line CMOS sensor, which provides an excellent light response. This means that it always records high-quality video, regardless of the lighting conditions - whether you're in the early stages of the match when it's still quite dark or in the middle of the day when the sun is strong. With its low-profile design, Bill Mount, or the adjustable Cap Mount, and non-distorted field of view, this camera will provide you with the best video and audio recording of your shooting experience.

The camera features **Auto-Stop modes** for different levels of users, as well as a One-tap Start function that includes a vibration buzz. It allows you to focus on your strategy without having to remember to turn off the camera. For competitions with longer stages, users can switch to Manual Stop mode and turn off the camera manually.

Recording Options:

- Auto-Stop in 2 minutes (20 stages per charge) (**default setting**)
- Auto-Stop in 1 minute (40 stages per charge)

Contact **support@tachyoninc.com** if you would like to receive the other recording option.

You may wonder why you would need a 2-minute recording option. After the match is done, the camera can continue to record the result, providing valuable evidence that can be used to dispute or learn from the experience.

Charging

- To charge, insert the USB cable to your powerbank or wall adapter for charging.
- Charging time for an empty battery can take up to 3 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, it means that your camera is already fully charged.

- A full charge will allow you to record up to 20 x 2 minutes stages, or 40 x 1 minute stages.
- We recommend recharging the camera at least every three months to maintain its battery health.

LED Functions

Charging

Pause

Memory-Issue (page 3)

Recording

Wifi-On (page 5)

Power-Low

Video and Memory

- **Auto** is recommended for short stages. This mode will record for exactly two minutes after you start recording and then stop.
- **Manual** allows you full control of when you stop recording. This is perfect for longer stages.

- The camera has built-in memory options of 64GB, 128GB, or 256GB, allowing it to save up to 3, 6, or 12 hours of video, respectively.
- The camera will automatically save a file and start a new one every ten minutes.

Power On/Off

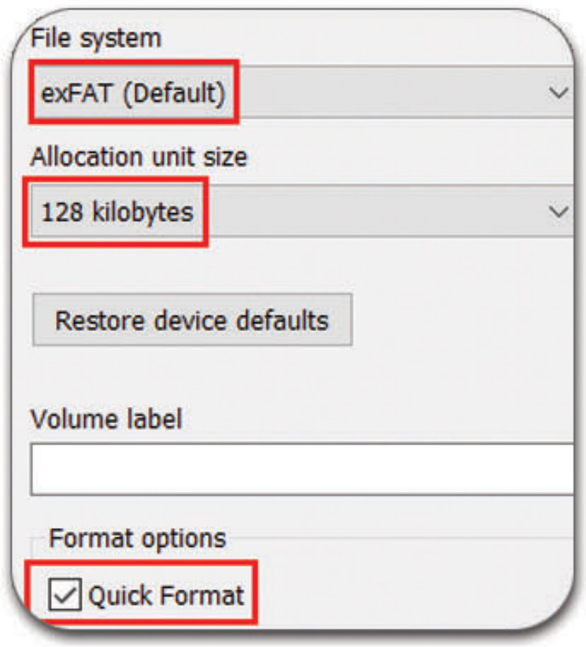
- We recommend for normal use that you switch to **Wifi-Off**.
- To Power-On and Record: Simply touch the power button and you will see the green light come on, feel a start-up vibration, and see the LED turn from green to red.
- To Power-Off and stop Recording: Press and hold the power button for 2 seconds untill you feel the turn-off vibration and see the red LED turn off.

Opening & Transferring Video Files

- Connect your **Tachyon® mini** to your computer using the USB cable.
- We suggest that you copy your files to your computer before playing, deleting or editing them.
- We highly recommend the **VLC Video Player** for playback on your laptops or desktops.
- 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 Wifi and the Tachyon app. Your video files will be encoded with this time and date.
- The video files are under the iOS requirements, so changing the file name or moving the file to a different folder will render it incompatible, and you will be unable to import it to iOS devices.

Memory Format

- To format the memory, check the quick format box to format, select exFAT (default) and 128 kilobytes. After formatting, the first time you turn on the camera, it will run a one-time diagnostic test. The green LED will blink for several seconds and then turn off. The red light will automatically turn on to begin recording.
- You should format the memory at least once every six months.



How To Use the App with the camera's Wifi Mode

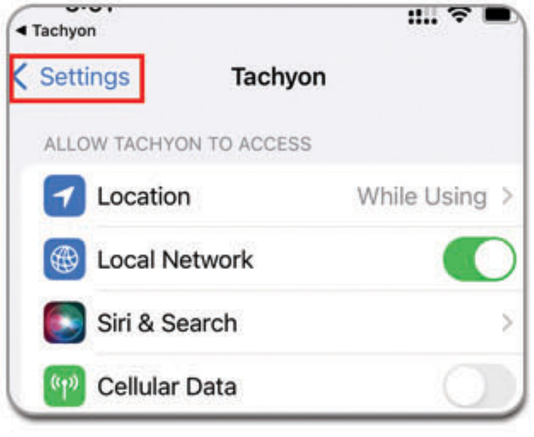
- Search for "Tachyon" in your App Store or Google Play and look for the Tachyon logo.
- Download and follow the instructions to install the app on your device.
- Switch the camera to **Wifi-On** mode and turn it on. You will see a **White** LED on the top and a **Green** LED on the bottom, indicating that the Wifi signal is now emitting from your camera.

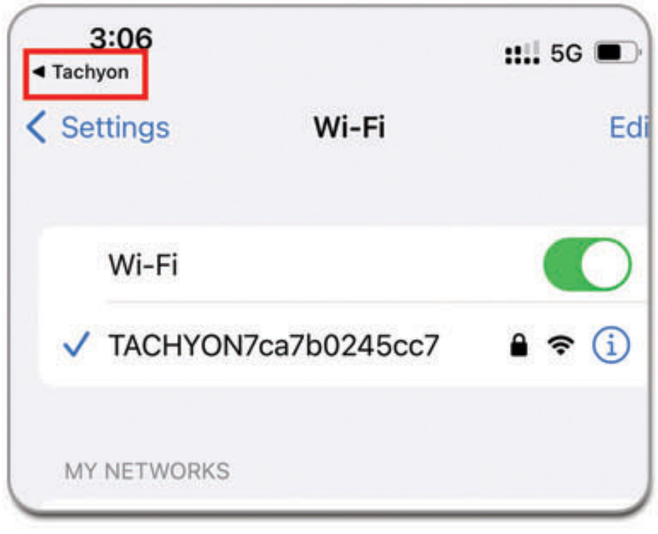
The camera has built-in Wifi, so you do not need any external Wifi source.

Wifi-On *mode will require higher battery usage.*

Setting up your iPhone and iPad:

1. Click the **ENTER** button, and then click **Confirm** when asked, "Connect to the camera?"
2. Location: **ALLOW**; Local Network: **ON**; Cellular Data: **OFF**.
3. Click the top-left ‹**Settings** icon, go to the Settings page, and select **Wi-Fi** to choose the TACHYONXXXXXXXXXXX connection. If you do not see this network, refresh your list.
4. Enter the password **12345678** and click **Join**. The password will be saved.
5. Once you see the **checkmark** in front of the connection, click the top-left ◂**Tachyon** icon (above the ‹**Settings**) to return to the ENTER page.
6. Click **ENTER** to see the view from your camera.





Setting up your Android Phone and Tablet:

1. Click the **ENTER** button, and then click **OK** when asked, "Connect to the camera?"
2. Choose the TACHYONXXXXXXXXXXX connection. If you do not see this network refresh your list.
3. Enter the password **12345678** and click **Connect**. The password will be saved.
4. When you see "Internet may not be available," choose **Always connect**.
5. You will see "Connected without internet" to confirm that you are connected.
6. Click the back button on the bottom right to return to the ENTER page.
7. Click **ENTER** to see the view from your camera.

Previewing and Recording Video From Your Phone

- Once you connect the Tachyon® mini to your phone, it will update the camera's time and date, accurately encoding it in your videos.
- During the preview, you will see OFF appear on the top right of your phone. Since this model does not have a reticle, you can disregard it, as it will not appear in the recorded videos.
- To begin recording a video, tap the Movie Camera icon at the top-left. The green LED turns to red, and the recording time starts counting.
- To stop recording, tap the Movie Camera icon again, and the red LED will change back to green. **We do not recommend controlling the recording from the phone because if the user moves more than 10 feet or 3 meters away from the phone, the recording will stop.*

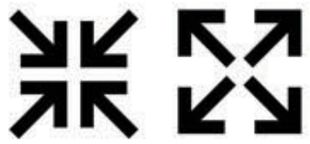
Disclaimer:

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

At its sole discretion, Tachyon Inc. may make changes to the Products specifications and functions in accordance with the needs.

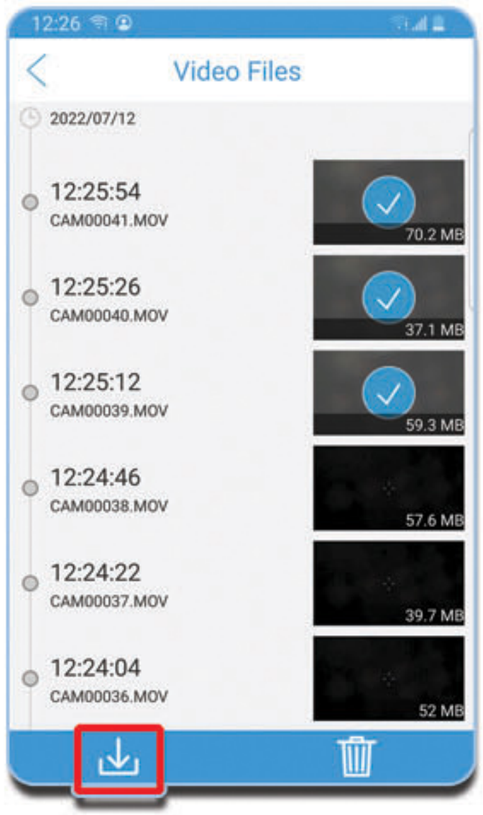
Viewing Video Files, Playback & Slo-mo

- 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 can adjust the speed of your videos with the speed percentage icons.
- The default playback speed is 20%, but you can tap the playback icon for 10%, 20%, 30%, or 100% (normal speed). You can pause the video before playing it back at 100% speed.



Download files

- These videos are stored on your camera and not on your phone. For smoother playback, we recommend downloading them to your phone before watching.
- Press one or more of the video thumbnails until they show a check, then click the download icon. Depending on the length of the videos, this process may take some time. Once completed, you can switch off the camera and watch the videos on your phone.



* To transfer large data from the camera to your phone, you'll need a newer phone (less than 3 years old). Otherwise, you may experience lags or connection issues. If you can't find the Tachyon network on your phone, we suggest restarting the camera and trying again.

The Tachyon® mini is **NOT waterproof**, but it is weather-resistant when used with the **Rainproof Cover.** We strongly recommend using the cover at all times to protect against rain, other foreign elements, and the possibility of static

Cap Mounting (Cap Not Included)

Bill Mount: Simply clip this mount to the bill of your favorite cap.

Cap Mount:

- 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.

Flip your mini to record vertically!

Steps to Rotate a Video:

- Open your video file in VLC Media Player.
- Click on **Tools** select **Effects and Filters.**
- Go to the **Video Effects**, click on the **Geometry**.
- Check the box labeled **Transform** to use preset angles.
- Pick from the drop-down menu (90 degrees)
- Click **Save, Close.**