
wayCOUNT

Connected Traffic Counting

Product Manual



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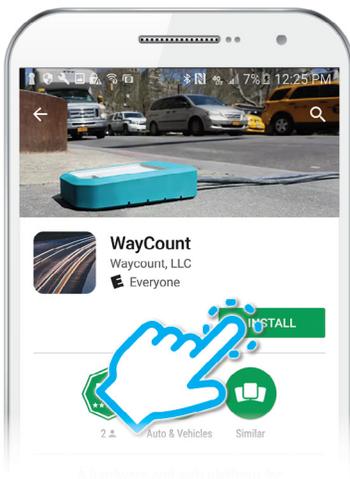
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Congratulations on the purchase of wayCOUNT, the traffic counting industry's most advanced pneumatic tube data collection device. The wayCOUNT is unlike any other road tube counter on the market today. Simply put, this is not your dad's road tube counter.

wayCOUNT uses the power of the internet to allow you to set up counts and download collected traffic count data using a mobile device in the field. Information on how to access the WayCount app, set up your online account, prepare individual study files, collect the data, download it, and have it available to share is covered in this manual.

1. Getting Started



Download the wayCOUNT App

Download the wayCOUNT App from the Google Play Store to a mobile device (i.e. phone or tablet) with an internet connection. The internet connection is needed to log in to your account, geotag the location, and upload data to the cloud.

- **Make sure your device gives the app permission to access your location and store information on your device.** If you do not see a pop-up asking permission the first time you download the app, go to your device's Settings to make sure the app has access to your location and data storage. (Checking the Android app permission only works in version Marshmallow and up).
- **Make sure your device has Bluetooth turned "on"** or the app will not be able to communicate with the wayCOUNT device.

Once the wayCOUNT app is installed, create your new wayCOUNT account following the prompts in the app. If you already have an account setup, access the account using your login.

Upgrade the wayCOUNT Firmware

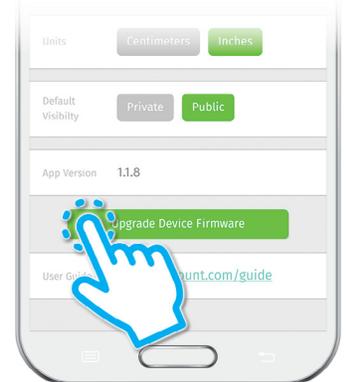
We are always making the wayCOUNT a better device. To ensure your wayCOUNT device functions properly, make sure the latest version of the firmware is installed.

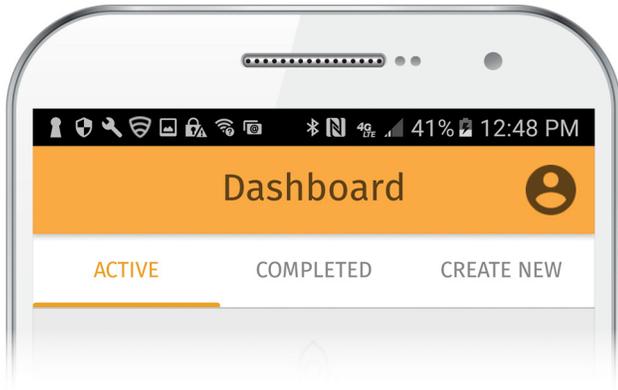
If your wayCOUNT is not running the latest firmware, you will receive a notification

next time you pair the wayCOUNT to a study. wayCOUNT uses Over the Air (OTA) to update firmware in a few easy steps.

- Enter the wayCOUNT app and tap the User Preferences icon in the top right corner.
- Scroll to the bottom of the page and tap the Upgrade Device Firmware button.
- Put your wayCOUNT device into Upgrade Mode by pressing the wayCOUNT device button for 7 seconds.
- Select 'continue' in the app and select wayCOUNT in the list of devices.

wayCOUNT will then start the OTA firmware upgrade. When the firmware upgrade is complete, tap 'complete' to return to the dashboard.





Dashboard

Once you log in, you will be directed to the dashboard. The dashboard has three tabs; Active, Completed, and Create New.

- **Active.** Studies in progress can be found here. To the right of the name of the study, a progress wheel tells you how much time is remaining until the study is to be completed.
- **Completed.** Completed studies whose data has been retrieved can be found here. You can always upload data from a completed study by tapping the study and selecting “upload”.
- **Create New.** A new study is set up in this section.

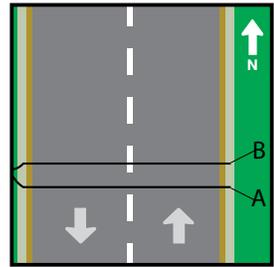
Create a New Study

Go to the **Create New** tab to set up a new study. Enter the name of the study, and all other information needed to define the project. Here is a breakdown of each study setting:

- **Name.** Insert name of the study.
- **Start/End Date.** Enter the start and end dates and times the wayCOUNT is to start and stop collecting and recording data. Note that the wayCOUNT will only collect and record data within the parameters of the start/end date. Make sure the period for data collection is within the parameters of the start/stop dates.

- **Configuration.** Here is where you enter the details of the road you are collecting data on. If collecting data on a road with bi-directional traffic, select ‘2 Way’. If you are collecting data on a road with one direction traffic, select ‘1 Way’ If you would like to collect only volume data with one tube, select ‘1 Tube’ To collect bi-directional volume, speed, and/or classification data, select ‘2 Tubes’. (see ‘2. Road Tube Installation’ for information on proper road tube installation.)

- **Direction.** Add specifics noting which direction traffic is flowing with traffic hitting the “A” tube first. The diagram (right) depicts the direction setting of the study in figure 1 (below). Remember, if you are only using one tube, you will not be able to collect directional data but you must still select a direction or the app will not let you finish creating the study.



- **Spacing.** Enter the amount of space between road tubes. We recommend spacing of at least 36 inches. If you are using one tube you will not have any spacing to enter but must enter “0” or the app will not let you finish creating the study.

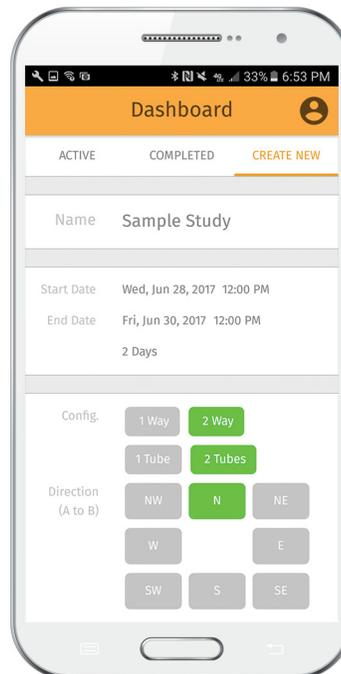


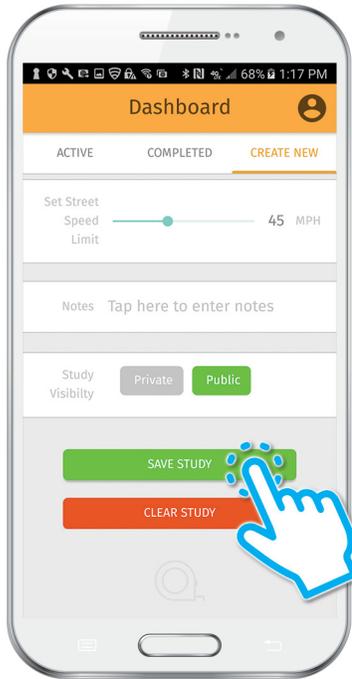
Figure 1

- **Location.** Enter the location where the study is taking place. Most of the time, the location is set automatically. If not, type in the address of the study location and tap ENTER. The coordinates should now be visible at the bottom.

- **Speed Limit.** Adjust the slider to the speed limit of the road you are collecting data on. This will be on the report and calibrates the hardware dwell (debounce) setting to filter out false hits and provide clean data. You can increase the dwell setting when processing data if needed. For a dwell setting of ‘0’, set the speed limit to ‘100’.

- **Notes.** Enter any notes to be included on this study. This is not required, and the study setup can be completed without entering any information here.

Once all your study details are entered, tap 'Save Study' button to access the study review page. Here you can check all the study information just entered to make sure it is correct. After verifying all the study information, tap 'Finish Setup' to complete the setup (this will take you to the active studies page). If the information you entered is incorrect, tap 'Cancel Setup' to delete the current study and create a new one.



Make sure the device running the app has Bluetooth turned on. Otherwise, it will not be able to connect to the wayCOUNT device.



Press the button on the wayCOUNT device to put the device in pairing mode, your wayCOUNT device will be discoverable for the next 20 seconds



Select 'WayCount' from the list of devices. If using multiple wayCOUNT, make sure the device ID matches the one on your wayCOUNT device. If you do not see 'WayCount' in your list of devices, refresh the list by dragging a finger down the screen vertically and then releasing.



After pairing the study to the wayCOUNT device and connecting road tubes (see section 2 for proper road tube installation, you can see the Live Strike of each road tube. If you do not see the Live Strikes occurring when cars are driving over the tube (or during simulation) reconnect the device and it should appear.

Pairing the wayCOUNT Device to a Study

Once the new study has been created, you will find it in the 'Active' tab. If you do not see your study in the active tab, refresh the screen by dragging a finger down the screen vertically and then releasing. In order to collect data, the study must be paired with your wayCOUNT device.

Tap the study you just created on the Active tab in the main Dashboard screen. This will open the study page. Here you can connect to the wayCOUNT device to pair the study or end the study at any time.

That's it! Your study is now running and your wayCOUNT device is collecting data. Press the BACK button in the top right corner or the 'Disconnect Device' button if you want to disconnect your mobile device and leave the wayCOUNT running by itself. Pressing either button will take you back to the dashboard.

All studies and data you collect will be stored on your account and can be accessed on the wayCOUNT website, www.WayCount.com.

2. Road Tube Installation

Proper road tube installation is crucial to collecting good, accurate data with any road tube traffic counter. This section reviews the equipment needed, and how to properly install road tubes at a study site. Most of the recommended equipment is available at CountingCars.com.

Tube Recommendations

The objective of the road tube is to deliver an air pulse (signal) to the sensors of the wayCOUNT when a vehicle passes over it. Road tubes come in various lengths, shapes, and materials and the wayCOUNT is compatible with most, if not all road tubes on the market.

Road tubes come in two main types - "mini" and "heavy". For best results and longevity, we recommend using a round tube made of Ethylene Propylene Diene Monomer, or EPDM. EPDM is a synthetic rubber and is the most popular rubber used for road tubes because it performs well over a wide temperature range. Natural rubber can be degraded by exposure to UV from sunlight, whereas EPDM has been formulated to be resistant to UV degradation.

- Mini Road Tubes are popular because they are lighter and more pliable than heavy tubes, but do not hold up as well to traffic wear as a heavy tube.
- Heavy Road Tubes have a thicker tube wall, is more durable and generally will last longer than a "mini" road tube. If you are collecting data on a road where there will be heavy truck/commercial vehicle traffic, a heavy road tube is more suited for this application and will hold up to the wear and tear better. Heavy road tubes should also be used on roads with a gravel surface as their larger size will produce a better signal than mini road tubes.

Tube Length

Road tubes typically come in either 50 foot or 100 foot lengths. Using either length of tube will yield the same results. NOTE: when collecting speed and classification data, both road tubes used at a single location must be the same length for best results. When collecting data on a road with wide lanes or shoulders, or if there is not an object to lock the wayCOUNT to near the edge of the road, a longer road tube may be necessary. To ensure proper signal attenuation, using a road tube over 100 feet in length is not recommended.

Plugging the Tube End

It is highly recommended that the open end of the road tube be plugged. This will prevent dirt, grit and moisture from entering. Moisture in the tube can block the airway, and dirt and grit inside the tube can cause rapid breakdown of the tube, by lacerating the inside surface when vehicles compress the hose as they drive over it. Dirt, grit, and hose particles can also eventually vibrate to the sensors and cause them to become clogged and non-functional.

A variety of pre-plugged, wayCOUNT approved road tubes are available at CountingCars.com.

Fasteners

Anchors, Nylon Loops, Tape and Nylon Straps are used to secure road tubes to the roadway. These items are available for purchase at CountingCars.com.

- An anchor is the device installed on the edges of the road to keep the tube in place.
- Nylon Loops are used to attach the road tube to the anchor.
- Tape may also be used to secure the tube on the roadbed to keep the tube from moving while vehicle drive over the road tube.
- Nylon Straps may be used to hold the tube to the road surface to keep the tube from moving during counts.

Anchor Type Recommendations

Bituminous Road
or Shoulder:
**2" pavement
nails**



Gravel Road
or Gravel
Shoulder:
12" spike



Concrete Road
or Shoulder/
Gutter:
Concrete pin



Nylon Loops

Use nylon loops to secure the road tube to the anchor. Unlike metal loops or "Chinese fingers", nylon will not damage the tube. Nylon loops are also durable and reusable. Unlike metal clamps, they are quick and easy to install and uninstall and are much less expensive.



Polyken Tape

In addition to using anchors and nylon loops, we recommend taping tubes to the roadway. This will ensure the tubes stay parallel to each other (when collecting vehicle speed and classification data) and will not 'bow' as vehicles pass over them. This will also reduce the amount of tube bounce, resulting in fewer false hits and better data. Placing tape every 6-8 feet is sufficient. Due to the harsh environment, we recommend using military grade Polyken tape.



Nylon Straps

In situations where the road is wet during installation, or has a gravel surface, tape will not adhere to the road sufficiently. Use nylon straps secured to the road tube at the center of the road. The strap is held in place with a pavement nail or concrete pin. In high traffic areas the concrete pin can be inserted using a powder-actuated tool for speed of installation.



Road Tube Installation Configuration

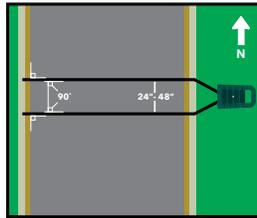
Following are general guidelines for proper equipment placement to ensure accurate data collection:

Road Tube Location

- Install tubes perpendicular to the roadway, not angled across the road.
- Avoid installing road tubes on a curved section of roadway. If this is not possible, angle the tubes slightly so that as a vehicle is driving around the curve, both of the vehicle's tires contact the tube at the same time.
- Set the road tube as far from the intersection as practical. If the intersection is signalized or has stop signs, install the tube far enough away from the intersection to prevent vehicles from stopping on or over the road tube. It should also be far enough away so that cars are not accelerating, or decelerating as they go over the tube.
- **Do NOT** install tubes across pot-holes.
- **Do NOT** install tubes adjacent to driveways.
- Avoid areas of pavement with depressions or wheel tracks.

Two-Tube Data Collection

For speed and/or vehicle classification, two tubes are needed. There are additional factors to consider when collecting speed and classification data. Following are some important guidelines:

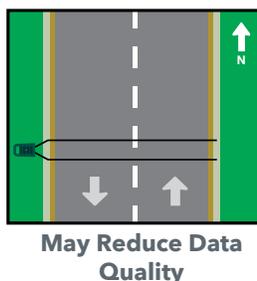
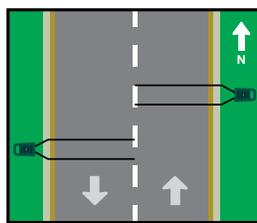


- Both tubes should be cut to the same length. In addition, both tubes need to be the same length from the shoulder edge of the roadway to the counter.
- Both hoses must be mounted parallel to each other, equally spaced on either side of the road.
- Confirm the “A to B” direction of traffic is properly entered in the study details of the wayCOUNT app.

When installing anchors for the second tube, they must be an equal distance from the anchors for the first tube on both sides of the road. This ensures the tubes are parallel to each other and accurate data is collected. We recommend tube spacing of 36 inches (91.44cm), however spacing of 24 inches (60 cm) to 48 inches (121.92 cm) can be used. Make sure you input the correct spacing value when creating the new study in the wayCOUNT app.

Collecting Bi-Directional Data

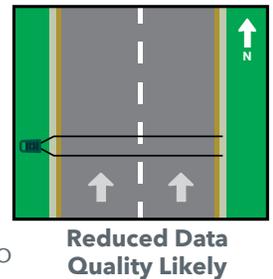
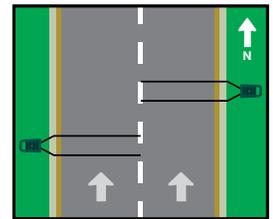
When collecting data on two lanes of bi-directional traffic, be aware that the accuracy of the data may be affected. When vehicles cross the tubes at the same time traveling in opposite directions, determining accurate vehicles becomes difficult. Generally, if you are collecting data on a low volume road where the probability of two vehicles crossing the tubes simultaneously is low, you can expect the data to be very good.



If you are collecting data on a high volume road where the probability of two vehicles crossing the tubes simultaneously is high, you can expect a decrease in the quality of data.

Multi-Lane Uni-directional Data collection

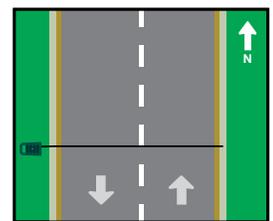
When collecting data on two lanes of traffic going the same direction, it is *highly recommended* that the user install two units at the site, one for each lane. When two vehicles are crossing the tubes simultaneously, or in close proximity traveling at the same speed, the resulting axle hits may be very difficult or impossible to distinguish from a heavy vehicle. Because of this, processing speed, volume, and classification to an acceptable degree of accuracy is.



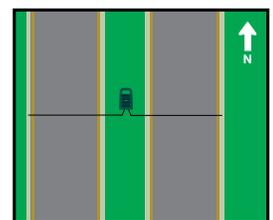
For any multi-lane data collection, use best judgement to assess the site conditions and acceptable loss of data quality to determine if one or two units should be used.

One-Tube Data Collection

For collection of uni-directional volume data ONLY on a roadway, just one tube needs to be installed. The same guidelines mentioned earlier apply for this type of installation.



You will still need to select an “A to B” direction when creating the new study in the wayCOUNT app. As a default, Only use the A port on the wayCOUNT device and select the direction traffic crossing the A tube is going. If you are collecting bi-directional volume data, or using are both ports of the wayCOUNT device to collect volume data during



a median installation, clarify which direction the A tube and the B tube are counting in the notes section of the study. The single tube setup converts axle hits to vehicles assuming 3% of the vehicle stream is heavy vehicles with four axles per the Highway Capacity Manual.

Anchor Placement

Anchors should be installed as close to the edge of the road as possible on both sides of the roadway.

To install a pavement nail or 12 in. (30.48 cm) spike, use a 3 - 6 lb. handheld sledge hammer to drive the nail/spike into the edge or shoulder of the road. Good practice is to always angle the anchor slightly away from the road. (A slightly angled anchor will have less chance of being pulled up by the tube, especially in warmer climates or on hot days. Bituminous surfaces can become soft in these conditions and the anchors are more susceptible to being pulled out.)

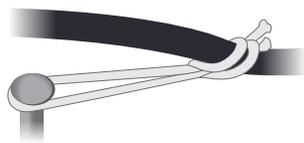
To install a concrete pin, drill a hole with a hammer drill and hammer the concrete pin into the opening.

When installing the second anchor, make sure it is located directly across the road from the first, so the road tube will not cross the road at an angle. If the tube is crossing the road at an angle, the wheels of a vehicle's axle will hit the tube at different times and will not produce quality data.

Securing Road Tubes

Once anchors are installed, attach the tubes to the anchors on both sides of the road with nylon loops to secure the tube to the roadway.

Positioned the plugged end of the tube on the opposite side of the road from where the wayCOUNT will be located and secure with a nylon loop.



NOTE: be sure there is no excess road tube on this side to ensure an accurate count.

Once the tube is spread across the road, secure it to the anchor on the wayCOUNT side of the road with another nylon loop. The tube should be taut, but not too tight. In general, once the tube is laying straight across the road, stretching the tube an additional 4-6 inches is sufficient. If the tube is too tight, the anchors could be pulled out.

Place road tape every 6 to 8 feet over the tube across the road. In situations where the road is wet during installation, or has a gravel surface, tape will not adhere to the road sufficiently. In these situations, use a 6 in. (15.24 cm) nylon strap and one of the alternate anchors depending on the road surface.

Connecting Road Tube to the wayCOUNT

Attach the road tube approximately ½ inch (1.27 cm) onto the barb of the wayCOUNT. Do not attach the tube all the way on the barb as this is unnecessary and will make it more difficult to remove.

After connecting the tubes to the wayCOUNT, coil any excess tube in 18 in. (45.72 cm) loops and secure with tape. Place coiled tube near the wayCOUNT. Coiling the excess tube is not only courteous, but will help filter out false hits.

Securing the wayCOUNT

It is highly recommended you secure your wayCOUNT to a nearby sign, utility pole, or tree with a lock and chain to discourage theft. Locks and chains are available at CountingCars.com.

- **Do NOT** secure your wayCOUNT to any private property (unless given permission).
- **Do NOT** secure your wayCOUNT to a fire hydrant or other emergency service infrastructure.

Although a chain and lock is very effective, anything left on the side of the road unattended is susceptible to theft. Labeling all your devices with proper contact information in case it goes missing is recommended.

Critical Counts

Critical counts are counts for a one-time event, and/or for counts at remote locations where recounting is not an option.

Any count study can go bad for any number of reasons. If you are doing a critical count where re-counting is not a possibility, you should take extra precautions when collecting data. This means double checking all input values and measurements, and perhaps also doing simultaneous duplicate counts. The extra cost for running a duplicate count is nothing compared to losing a critical count.

If you are running single hose volume only count, consider running a second tube in the extra channel for redundancy. If something happens to one tube the second tube data will hopefully still be accurate.

In remote locations, vandalism can be an issue. If possible, a redundant count is recommended. Place the second wayCOUNT as far from the primary counter as possible.

Once you have the road tubes installed, your wayCOUNT connected and secured, and a study created and paired to the wayCOUNT device, the installation is complete. (See Section 1 for setup and pairing instructions.)



3. Retrieving and Uploading Data

Retrieving data from the wayCOUNT and uploading it to the cloud is easy. This section provides instructions on how to get data from your wayCOUNT and how to access it online.

Data Retrieval

The study data collection will end automatically when the end time set in the wayCOUNT app is reached. To retrieve the wayCOUNT data (or to end the study manually), follow these steps:

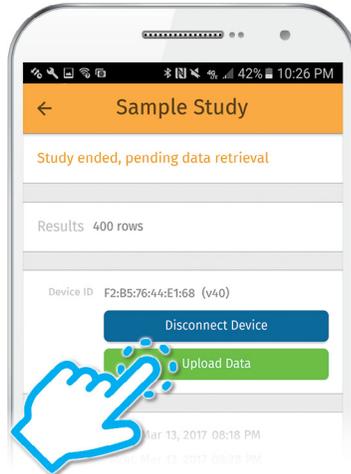
On the wayCOUNT app, go to the **Active** tab and tap on the name of your study. Then, connect to your mobile device (i.e. phone or tablet) by pushing the pairing button on your wayCOUNT and tapping the **connect to device to sync** button in the app. Selecting wayCOUNT from the list of devices.

Tap **End Study** and the number of road tube hits will be shown at the top of the screen, next to **Results**. The number of rows may appear briefly as 0 but after a second it should show the actual number of rows. Each row represents an axle hit on the road tube.

Tap **Retrieve Data** and wait for the data to download. During this process, it is important that you leave the wayCOUNT app open and do not leave the data retrieval page. If you leave the page, the data retrieval will stop.

NOTE: Make sure the mobile device running the wayCOUNT app is less than 10 feet from the wayCOUNT you are retrieving data from.

After retrieving the data, you can choose to **upload** the data to the study page immediately or later. If you do not upload the data immediately, the study will still be listed under the **Active** tab. As soon as you upload the data the study will be listed under the **Completed** tab. If you do not see your study in the completed tab, slowly pull down on the screen, but make sure to not let the screen refresh. If it does try to refresh, quit the app and reopen it.



The completed screen will then show the list of completed studies. Once the study is uploaded, the wayCOUNT's memory is automatically cleared and it is ready to collect data for another study.

Accessing Data Online

Once you have uploaded your data, it will be available on your account online. To access your data online, login to your account at **www.waycount.com**. Use the same login credentials used to log in to your wayCOUNT app to create the study. At the top-right of the home screen, you will see three tabs, **Public Data**, **Your Data** and **Logout**.

Select **your data** to view your uploaded studies. Select the study data you want from the list of uploaded studies on the left of the page. Once you have selected the study, the details of the study will appear on the right side of the screen. On the right, you will see two data download options.

wayCOUNT Algorithm Details

Select "show details" to fine tune the wayCOUNT algorithm to make sure your data is the most accurate. Here you can adjust the ACF (Axle Correction Factor) for one tube studies, adjust the

tube spacing, as well as chose to have "auto dwell" which allows the algorithm to analyze the data and implement the appropriate setting, or manually adjust the dwell setting. Here you can also download timestamped axle hits, a.k.a raw data. For more information on dwell settings, see "Dwell settings in Depth"

Generate Vehicle List

Select this option to download a list of timestamped vehicles, the direction they are traveling, the speed, classification, and number of axles of each vehicle counted.

- At the top of the document, you can find total volumes for the study, as well as average and 85th percentile speeds, and percent truck numbers for the entire study.

Generate Vehicle Report

Select this option to download a detailed vehicle report categorized in 1 hour bins. This report will present direction 1, direction 2, and total vehicle volumes, speeds and classifications on an hourly basis. Speeds are grouped into 5 mph bins, and classes are bined in the 13 FHWA classifications.

At the top of the report, you can find total volumes for the study, as well as average and 85th percentile speeds, and percent truck numbers for the entire study. Daily AM and PM peak hours are also displayed here.

- Depending on the size of the study, it can take a moment for the algorithm to process the data. Once the data has been processed, a .csv report is downloaded.

By default, all uploaded studies are public, this way you can share your data with anyone who has a WayCOUNT account. This enables traffic professionals around the world to access a vast data base of study data from numerous scenarios. If you do not wish to share data from your study, you can change the visibility to private on the bottom of the screen. The Default sharing preferences can be changed in the wayCOUNT App by selecting 'private' in the settings.

1-Tube study Data Processing

If you are conducting a 1-tube study (volume only) You can only download the vehicle report. This report will provide "A tube" and "B tube" volumes categorized in 1 hour bins. If you are collecting data in an area with a known higher percentage of 3+ axle vehicles, you can adjust the ACF under "show details" before processing data.

4. Troubleshooting

Sometimes things don't work as they should. This section will review some common errors and how to resolve them.

Resetting the Device

If your wayCOUNT device is experiencing issues, there is a reset device button in the app. To reset the device, create a new 'dummy' study and then connect the device to the new study. As soon as it is connected, scroll to the bottom and tap Reset Device two times. This will reset the device. Tap the top left back button and make sure to delete the newly created study.



If the wayCOUNT device appears to be frozen or non-responsive, you can try to re-start the device. To re-start the device, press and hold the bottom button for 3 seconds.

If Data Doesn't Look Right

If you download the data from a study and the results are not what you were expecting, there are a couple common reasons why this may have happened.

Incorrect Input Values

If the data looks inaccurate, double check the values entered when the study was created. You can see these values on the right side of the screen when viewing a study on the wayCOUNT website. Verify that the A to B direction is correct and the tube spacing was entered correctly. Depending on the error, the data collected may still be usable. If the error is too severe, a study reset may be necessary, and data will need to be recollected.

Faulty Road Tubes

If your A tube and B tube hits are widely off, it is most likely caused by a faulty tube. Over time, even heavy tubes wear out and will need to be replaced. The most common tube failure is caused by a split/puncture in the tube, resulting in weak signals being produced. If this is the case, a study reset is necessary and data will need to be recollected. It is recommended you test your tubes frequently to ensure they are still usable. Road tube testing equipment is available at CountingCars.com.

5. Additional Support

Bluetooth Transfer Speed

In order to ensure all of the traffic data captured by the WayCOUNT hardware is sent wirelessly to your mobile device during Data Retrieval, we have designed the wayCOUNT app and device to use the standard Bluetooth 'indicate' data transfer method. This increases reliability at the expense of speed.

Technical jargon aside, this means the speed of the data transfer is dependent on your mobile device's Bluetooth hardware. This transfer time can vary depending on your mobile device. A progress bar is shown in the App as the data is extracted so you can better monitor progress and learn how long it takes for your mobile device.

In our tests of 3 devices, we found the following speeds:

- with Samsung Galaxy A5, it takes **9 minutes** to transfer **120,000 rows** of data.
- with Samsung Galaxy S6, it takes **18 minutes** to transfer **120,000 rows** of data.
- with Motorola MotoX, it takes **50 minutes** to transfer **120,000 rows** of data.

Dwell Settings in Depth

Dwell handles the potential presence of an 'echo' in the road tubes by setting an amount of time after a 'good' strike to not record any other strikes on the same tube. So, if your data is showing 'echoes' (false strikes) at regular intervals, setting a dwell to be equal to or slightly greater than that period of time, would be recommended. Generally, a Dwell setting of 55 - 65ms handles most situations for tubes with high amounts of echo. A hardware dwell is set to your device based on the speed limit you input when creating the study, an additional software dwell can be added when processing data on the website, however, you can not decrease the software dwell below the hardware dwell setting. To set the hardware dwell to '0' set the speed limit input to 100 when creating a new study.

Battery Replacement

The expected battery life for a new wayCOUNT device is 2.5 to 3 years, depending on frequency of use. When your battery reaches the end of its useful life, a genuine replacement wayCOUNT battery can be purchased at CountingCars.com. It is easy to replace using the following steps:

1. Remove WayCOUNT's rubber boot
2. Remove 5 screws and open the top shell
3. Replace battery. Take care not to install battery backwards!
4. Replace top shell carefully making sure the sealing gasket is in place

5. Replace 5 screws

6. Replace rubber boot

7. Test to ensure the device works with the App

Restarting the wayCOUNT

If the wayCOUNT device appears to be frozen or non-responsive, you can try to restart the device. To restart the device, press and hold the bottom button for **3 seconds**. Test the device with your App. If it does not work, try removing and reinserting the battery following the steps in the battery replacement instructions.

6. Frequently Asked Questions

What type of battery does wayCOUNT use?

The Waycount uses a speciality 3.7 volt primary lithium battery. Although it's the same size, a 'common' AA battery will not power the wayCOUNT device.

How will I know when it's time to replace the battery?

Every time you connect to your wayCOUNT device, the wayCOUNT App will check the device's battery life. When battery life reaches 20% or less, a notification will pop up warning you of the device's low battery.

Is the wayCOUNT 'Weather-Proof'?

The wayCOUNT was designed to operate in all climates and weather conditions.

If you have any questions not covered in this manual, or need additional support, contact CountingCars Tech Support by emailing Support@CountingCars.com or calling 888-888-0637 Ext. 2.