

In-Field Installation Steps

TRAFx Infrared Pedestrian Counters

1. "Launch" Counter using G3 Dock in "Shuttle Mode"

- Attach G3 Dock to the counter
- Watch for red light on G3 Dock to show "Downloading, etc."
- When it is finished downloading, it will show a green light stating it is "Finished"
- Gently disconnect the G3 Dock and the counter by pulling it straight out without bending anything.
- Look at the counter to see if there is a very quick flashing red light. If so, the counter is ready to go.
- If lights do not blink/show in this order, you need to redo and start this process again.

2. Prepare the Metal Band and Metal Box for Installation

- Choose an appropriate diameter of metal band according to where you will be installing the counter (around a tree, a post, a sign, etc.)
- Weave the metal band through the slits located in the metal box that hold the counter.
- Wrap the metal band that is now attached to the metal box to the secure location (tree, post, sign, etc.)
- Close the metal box with counter inside of it before securing the metal band.
- You may want to place a business card in the metal box prior to closing it.

3. Secure Metal Band Around Post/Tree/Sign (sturdy location)

- Make sure the infrared scope is pointed in the right direction and put the counter at about waist height.
- Using a drill, secure the metal band with the counter box around the post/tree/sign (or whatever location you are securing the counter to)
- There may be a long "tail" or end of the metal band. Make sure to tuck the long ends of the metal band behind the metal box or through one of the box slits to secure them.

4. Lock and Secure the Counter

- Using the Master Lock provided with the equipment, lock the metal box closed.
- If needed, depending on the location, you may want to secure the box with a chain or other device that will deter people from trying to steal it.



5. Record All Data/Information on the “Field Data Inventory Sheet”

- Measure the widths of the road, any buffer between sidewalk and the road, measure the sidewalk width, etc. Fill in all information that is listed on the Inventory Sheet.

6. Take Photos

- Take photos of everything in the surrounding vicinity so you understand and know the context of where the counters were placed.

7. Record Exact Time After the Installation

- It is critical to record on the “Field Data Inventory Sheet” the exact time after you have installed the counters and done all of the other steps up to this point.
- We will only use data after that time as to not over-count anyone that was working on the installation.

8. Repeat all of these steps for each counter and go back to the office and electronically fill out the “Field Data Inventory Sheet” in order to not lose any data.

