



DryLINK Asset Manager

OVERVIEW OF GATEWAYS AND TAGS

Thank you for choosing **DRYLINK ASSET MANAGER GATEWAYS**. In order for Asset Manager to perform correctly, every warehouse and vehicle that stores or transports equipment should have a gateway.

Every dehumidifier on the market including DryMAX XL and DryMAX BLE (Smart Equipment) will need a **DryTAG**. If your dehumidifier is not Smart and you want to take advantage of DryLINK for jobs (Including automated temperature and RH), please install a **DryTAG RH**.

Any equipment to be tracked (including Air Movers, HEPA units, Hydroxyls, etc.) will need a DryTAG or a DryTAG RH.



Scan QR code for more information on **DryLINK ASSET MANAGER GATEWAYS**



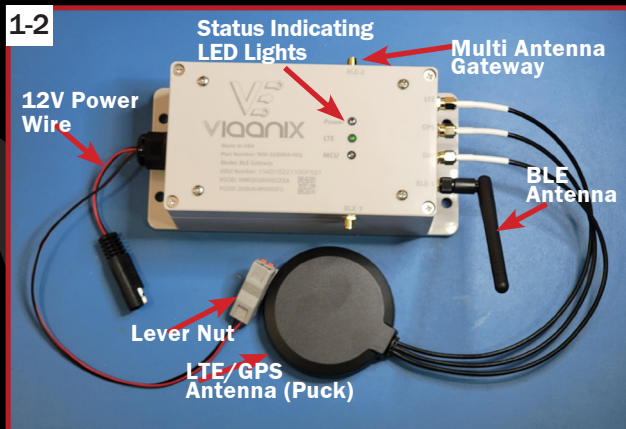
The DryLINK Asset Manager Gateway has three 3-year batteries onboard. It transmits even when vehicles are off. It can also be used in storage warehouses and temporary staged locations.

GATEWAY KIT (1-1, 1-2, 1-3)

Please inspect and unpack your kit and make sure all components are accounted for.

In your Gateway Kit you will find:

- | | |
|---|---|
| 1 ea Multi Antenna Gateway | 1 ea 110 volt AC Adapter 12V Power Port |
| 1 ea BLE Antenna | 1 ea Lever Nut |
| 1 ea LTE/GPS Antenna (Puck) | 3 ea RF Coaxial Extension Cable |
| 1 ea Push Button Assembly | 1 ea SAE DC Jack Cable |
| 1 ea Power Extension Cable (6 m) | 1 ea SAE Polarity Adapter |
| 1 ea Power Cable - Cigarette Lighter(2 m) | |



TAGGING YOUR EQUIPMENT



DryTAG

Tag All Equipment with DryTAG or DryTAG RH Bluetooth Beacons. These Beacons send out information every 10 seconds when running and every minute when not running.

DryTAG RH

Use DryTAG RH when doing asset tracking and automatically gathering psychrometric readings from non-smart dehumidifiers in DryLINK.

STEP ONE: Fill Out the DryLINK Equipment Import Template (2-1)

Fill out our template with all of your equipment names, Xactimate codes, serial numbers, manufacturers, and models. Additional helpful fields include the pints per day and CFM as available. Pints per day and CFM are used by DryLINK to calculate your compliance with the IICRC equipment recommendations. DryMAX BLE, DryMAX XL, and DrySENSE should be claimed using the DryLINK App and do not need to be added to this spreadsheet. Scan the QR code.



Equipment Template

2-1

DryLINK Equip Import

NAME	XACTIMATE	SERIALNUMBER	MANUFACTURER	MODEL	PPD	CFM

STEP TWO: Email Spreadsheet

Send the spreadsheet to sales@usephoenix.com.

STEP THREE: Installing DryTAGs

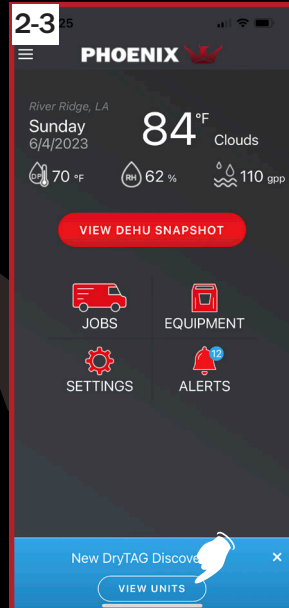
Use the Phoenix DryTAG Installation/Mounting Locations Guide on the UsePhoenix.com website for mounting instructions. Scan the QR code.



DryTAG Guide

STEP FOUR: Claiming your Tagged Equipment

Blue "claim bar" (2-2)

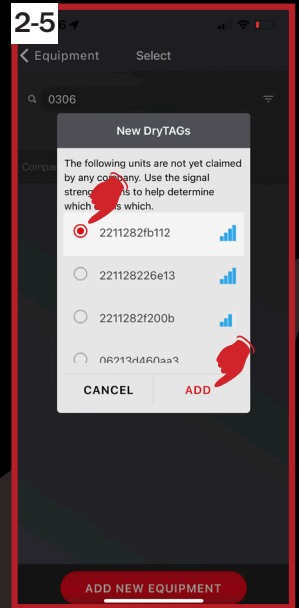


A) To populate a Blue Claim Bar on DryTAGs, loosen the DryTAG screw cap. Pull the plastic battery tab. Almost immediately the Blue Claim Bar will appear. Tap View Units. (2-3)

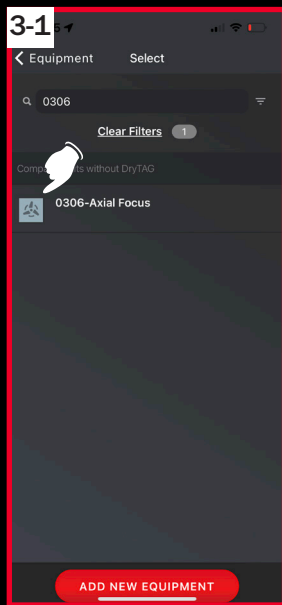
To populate a Blue Claim Bar on DryTAG RHs, loosen the 4 screws (#1 Phillips). Pull the plastic battery tab. Almost immediately the Blue Claim Bar will appear. Tap View Units. (2-3)

In cases, where the blue claim bar does not immediately appear, turn the equipment on so the DryTAG senses vibration.

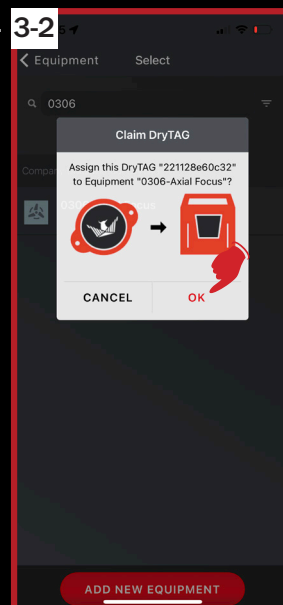
B) DryLINK populates a list of DryTag UUID numbers within Bluetooth range and available to be claimed. Search for and Select the UUID number that corresponds with the number printed (2-4) on the DryTag or DryTag RH. Hit Add. (2-5)



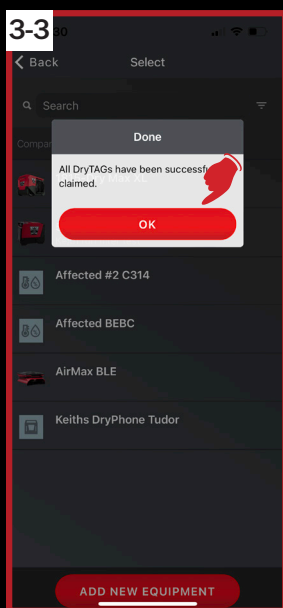
TAGGING YOUR EQUIPMENT



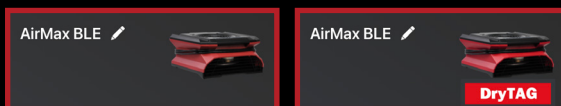
C) DryLINK populates a list of all untagged equipment available. Choose the equipment name that you want to associate the tag with. Click on the desired name. (3-1)



D) DryLINK confirms both the UUID number and the equipment name are correct. Hit OK if both are correct. (3-2)



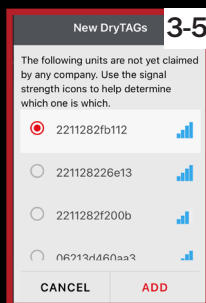
E) Last step hit OK. (3-3)



Untagged and tagged equipment as displayed in DryLINK.

It is possible to pull the battery tabs on 5-10 DryTAGs and place them on top of a running piece of equipment. This will make them vibrate and send out information every 10 seconds. (3-4)

Once populated, the list of available UUID numbers will stay visible. **DO NOT** cancel or close this list. (3-5)



TIPS:

- If you need to add equipment to your DryLINK inventory that was not added using the spreadsheet, view the instructional video by scanning this QR code (coming soon).
- It is helpful to create an equipment numbering scheme and add a printed label to all equipment.
- In the beginning of this tagging period try and load vehicles with tagged equipment only.
- The best first step is to assemble a Team to tag, enter and name equipment.



SCAN ME

CREATING YOUR WAREHOUSE NAME AND ADDRESS

STEP ONE: Create a DryLINK account.

The owner of a restoration company should create a DryLINK account Invite technicians and administrators to your DryLINK account. Scan QR Code for Tutorial.



 SCAN ME

PERMISSIONS BY ROLE

Owner Only

Can “sell” digital version of the company. When invited to join another company, all equipment belonging to the company comes along into the new company.

Owner/Administrator (applies to the app and the web portal where applicable)

Can invite users to join their company, edit invitations and view open invitations. Techs cannot.

Can update employee roles and access job management alerts. Techs cannot.

Can delete employees from a company. Techs cannot.

Can update the company logo. Techs cannot.

Can update company information. Techs cannot.

Can remove equipment from DryLINK company. Techs cannot.

Can disassociate a DryTag/DryTagRH from equipment. Techs cannot.

Can login to Payment Portal. Techs cannot.

STEP TWO: Sign Up or Subscribe to Asset Manager

You will need to sign up or subscribe to Asset Manager, which comes with a 30-day free trial. Order your gateways. You will need to purchase at least one gateway for your warehouse location to get started. Gateways have no trial period. They are a cellular device and you will be billed prorated \$30/month as soon as you register it.

STEP THREE: Create Your Warehouse Name and Add the Address

Log on to our website UseDryLINK.com. Click on settings in the top right-hand corner. Click on **Gateways & Locations** tab. Next click on the +ADD NEW WAREHOUSE section and create a warehouse name and add the physical address. Then scroll to the bottom and hit the SAVE CHANGES button in red.

To register your gateway, locate the 16-character VDUI identification number on the top of the Gateway. Click +ADD NEW GATEWAY. Use your warehouse name for the gateway name and then add the VDUI ID. All letters in that VDUI must be typed in capitals to be valid. Then tab over to the section with the drop down menu that says Stand-alone, Vehicle, Warehouse, choose Warehouse. Then tab over to associate this gateway with the fixed Warehouse name above. Scroll to the bottom and hit the SAVE CHANGES button. (See 1-12 on next page)

CREATING YOUR WAREHOUSE NAME AND ADDRESS



JOB(S) (1)

EQUIPMENT (18)

ASSET MANAGER

Settings

KH Keith Hosli

Sign Out

1

SETTINGS

2

My Settings

Job Management Alerts

Team

Gateways & Locations

Labels

Company Profile

Integrations

Subscriptions

Warehouse(s) (1)

Warehouse Name	Street Address	City	State	Zip Code	
<input type="text" value="Tudor"/>	<input type="text" value="10316 Tudor Ln"/>	<input type="text" value="River Ridge"/>	<input type="text" value="LA"/>	<input type="text" value="70123"/>	Delete
+ ADD NEW WAREHOUSE					

4

3

5

6

Gateway(s) (2)

Gateway Name	UUID	Type	Warehouse Name	Location Coordinates	Last Read Time	
<input type="text" value="Tudor"/>	<input type="text" value="15220819F847"/>	<input type="text" value="Warehouse"/>	<input type="text" value="Tudor"/>	<input type="text" value="30.46, -84.23"/>	<input type="text" value="03/07/2023, 4:50 AM"/>	Delete
<input type="text" value="Keith T25 Staged location"/>	<input type="text" value="15220826E63B"/>	<input type="text" value="Vehicle"/>		<input type="text" value="29.97, -90.22"/>	<input type="text" value="03/21/2023, 4:07 AM"/>	Delete
+ ADD NEW GATEWAY						

8

9

10

11

7

12

SAVE CHANGES

CANCEL

REGISTERING YOUR GATEWAY

Register Your Vehicle Gateways

Register your Vehicle gateway in the +ADD NEW GATEWAY section. Enter your Vehicle name in the Gateway Name field and then add the VDUI ID. All letters in that VDUI must be typed in capitals to be valid. Then tab over to the section with the dropdown menu that says Stand-alone, Vehicle, Warehouse, choose Vehicle. Then save changes.

(See 1-7 below)

PHOENIX JOBS (1) EQUIPMENT (18) ASSET MANAGER Settings KH Keith Hosli Sign Out

SETTINGS

My Settings Job Management Alerts Team **Gateways & Locations** Labels Company Profile Integrations Subscriptions

Warehouse(s) (1)

Warehouse Name	Street Address	City	State	Zip Code
Tudor	10316 Tudor Ln	River Ridge	LA	70123

+ ADD NEW WAREHOUSE

Gateway(s) (2)

Gateway Name	UUID	Type	Warehouse Name	Location Coordinates	Last Read Time
V12 sprinter van	15220826E63B	Vehicle	Tudor	29.97, -90.22	03/21/2023, 4:07 AM
Tudor	15220819F847	Warehouse	Tudor	29.97, -90.22	03/07/2023, 4:50 AM

+ ADD NEW GATEWAY

SAVE CHANGES CANCEL

WAREHOUSE GATEWAY INSTALLATION GUIDE

GATEWAY MOUNTING

Your gateway will always be mounted in the same compartment as your equipment is stored whether it be a truck, van, trailer or warehouse. Our suggestion is to mount the gateway high and away from normal headroom and equipment movement areas so as not to damage the Gateway.

STEP ONE: Register your Gateway

To register your gateway refer to Page 6, Step 4 for details.

STEP TWO: Gateway Kit

Unpack your kit and make sure all components are accounted for. Please refer to Page One for the Gateway list of parts.

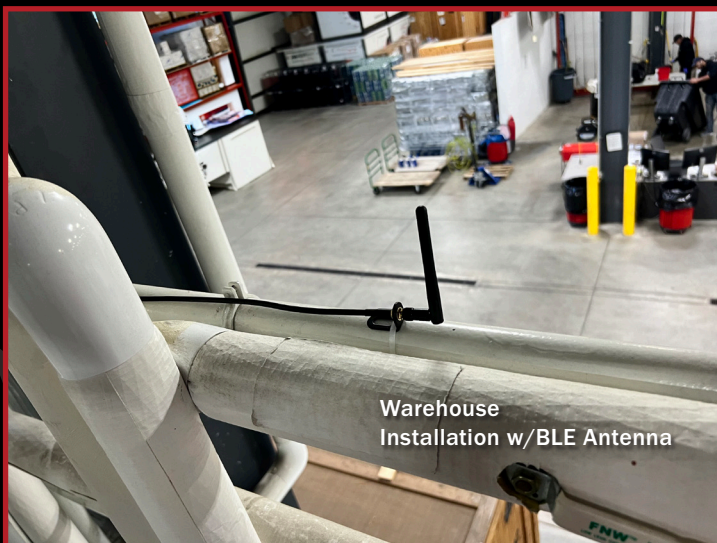
STEP THREE: Gateway

The Gateway can be mounted in any orientation. Attach Gateway with #10 -1" Hex head screws. Wood screws for softer surfaces and self-tapping for metal surfaces.

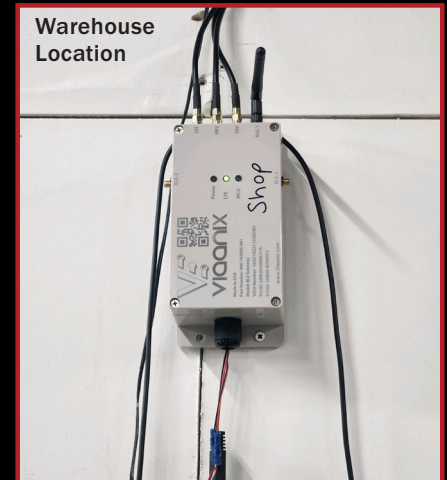
In a warehouse, it is recommended that you mount the Gateway between 8 and 15ft high on a wall and it should be placed within 100 feet of where your equipment is located. Please attach the 110-volt transformer to the gateway with the provided patch cord, being careful to hook red to red and black to black. In the rare occasion when the patch cord ends are extended, it may be necessary to add the SAE Polarity Adapter.

STEP FOUR: Attach a BLE Antenna

There is one Bluetooth antenna included in your packaging. Simply screw on the Bluetooth antenna to any one of the three BLE ports provided on the Gateway. In cases of very large warehouses, it is recommended that you use our 4043425 - Antennae Kit for Gateways (for a total of 3 BLE antennas). The kit comes with 2 co-axial cables. Extend the cables fully. Included in the kit are L brackets. Mount the L brackets. Attach the Bluetooth antenna to the co-axial cable with the nut and lock washer supplied.



WAREHOUSE GATEWAY INSTALLATION GUIDE



STEP FIVE: Taking the Gateway out of Sleep Mode

Attach the three labeled GPS, LTE and DIV coaxial cables supplied to the appropriate labeled GPS port, LTE port, and DIV port. (8-1,8-2)

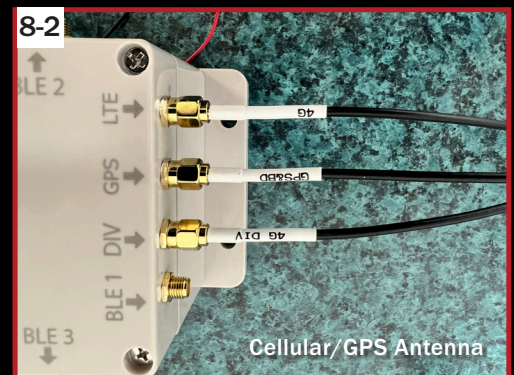
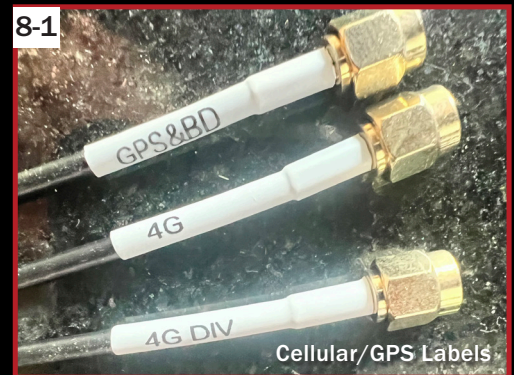
Please attach the 110-volt transformer to the gateway with the provided patch cord, being careful to hook red to red and black to black. Plug the transformer in. This will take the gateway out of sleep mode. Wait 10 minutes for the gateway to register through cellular connection to the cloud.

STEP SIX: Test your Cellular Antenna

Next step: Go to the DryLINK Asset Manager Website and select the Location – **WAREHOUSE** then select Status – **AVAILABLE**. All of the equipment that has been tagged with DryTAGs, should be displayed. If you have equipment showing up in the warehouse and the equipment count is correct, then we have cellular coverage with the antenna attached directly to the gateway.

As a secondary check and in order to understand DryLINK Asset Manager read times, go to Settings, Gateways & Locations, look for the name of your warehouse under **GATEWAYS**. Look on the right side for the last read time. The read time should be close to the time you powered up the gateway.

In the rare occasion when the equipment counts and read times are not displayed the cellular antenna will have to be moved to a different location. In the gateway kit, we provide 3 coaxial extender cables. Reposition your cellular antenna fully extended and retest for equipment counts and last read times. If repositioning the cellular antenna inside the building fails, you will have to route the antenna to the outside of the building. The orientation of the cellular antenna does not have to be up facing the sky.



VEHICLE GATEWAY INSTALLATION GUIDE

SPRINTER VANS, BOX TRUCK AND STANDARD VANS

STEP ONE: Register your Gateway

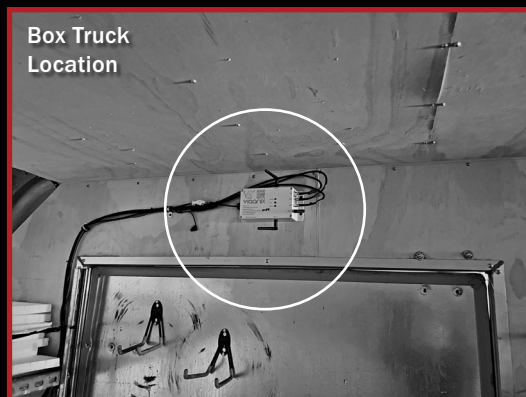
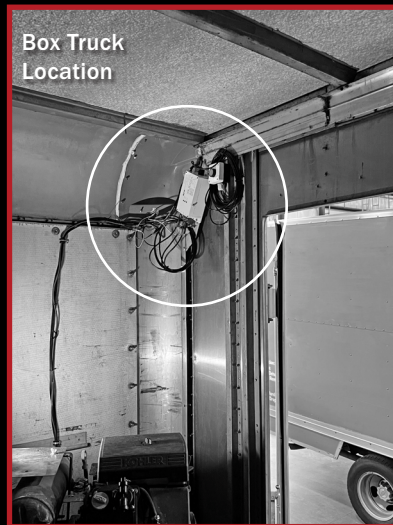
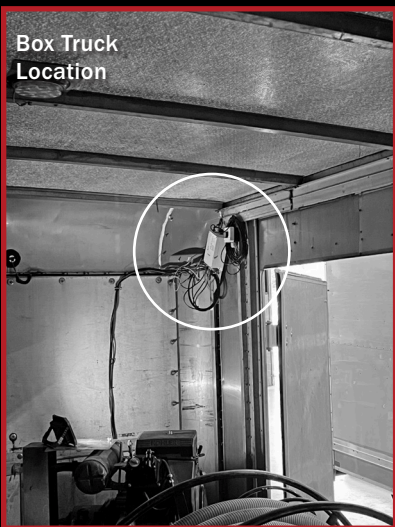
To register your gateway refer to Page 6 Step 4 for details.

STEP TWO: Gateway Kit

Unpack your kit and make sure all components are accounted for. Please refer to Page One for the Gateway list of parts.

STEP THREE: Gateway

The Gateway can be mounted in any orientation. Attach Gateway with #10 -1" Hex head screws. Wood screws for softer surfaces and self-tapping for metal surfaces.

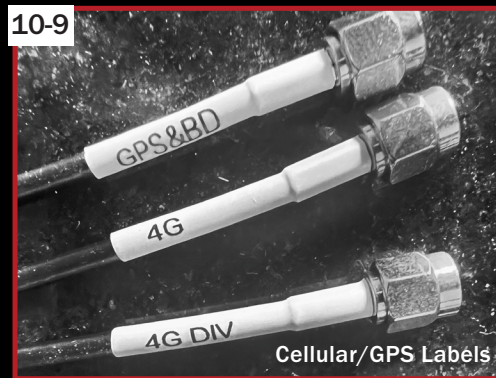
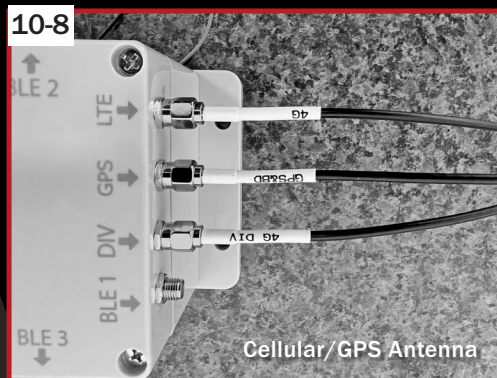
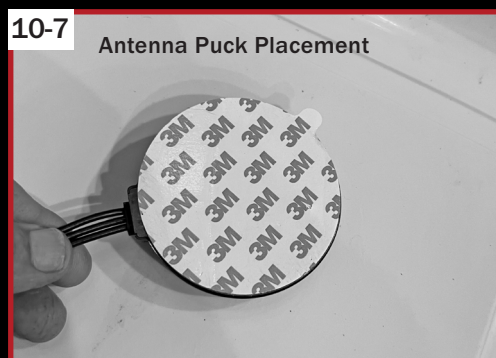


VEHICLE GATEWAY INSTALLATION GUIDE

SPRINTER VANS, BOX TRUCK AND STANDARD VANS (Con't)

STEP FOUR: Cellular/GPS Antenna (Puck)

Choose a suitable location for the cellular/GPS antenna (puck) to be placed. (Antenna wire routing shown in 10-1 to 10-5.) The cellular/GPS antenna has to have full sight access to satellite, Face toward the sky. It is recommended that the puck is adhered to a dashboard or on the roof of the vehicle (10-6). There is a peel and stick adhesive pad on the bottom of the antenna (10-7). Attach the three coaxial cables supplied to the appropriate labeled GPS port, LTE port, and DIV port (10-8, 10-9)

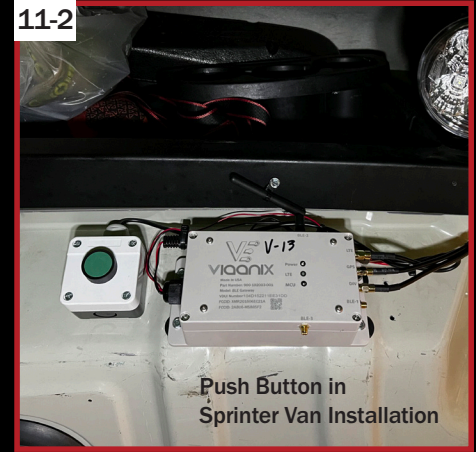
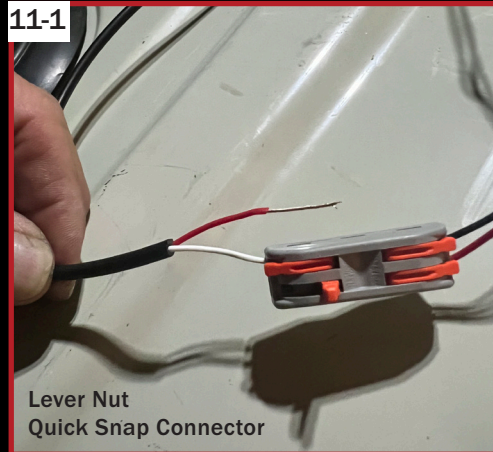


VEHICLE GATEWAY INSTALLATION GUIDE

STEP FIVE: Instant Scan

Push Button

The push button instant scan button has a quick snap connector or lever nut attached (11-1). Simply remove all four screws in the face of the push button, drill through the rear casing and mount in a convenient location. Replace the face of the push button with the four screws (11-2).



STEP SIX: Bluetooth Antenna

There is one Bluetooth antenna included in your packaging. Simply screw on the Bluetooth antenna to any one of the three ports provided on the Gateway (11-3).



STEP SEVEN: Auxiliary 12 Volt Power Supply

Connect the red wire to positive and the black wire to negative using a 3-amp fuse. In everyday fleet vehicles where arrival and departure scans are vital to fresh equipment locations and equipment counts, a switched 12V circuit is necessary. Switched is defined as when the vehicle's ignition key is turned on and power is provided, when turned off power is lost. The 12V power supplied energizes the gateway, which triggers a departure scan and when the vehicle is turned off the loss of 12V power supplied triggers an arrival scan. It is recommended that you provide a hard-wired connection to the gateway, but in the case where you want to get started right away and have a switched 12V power port, a 12V power supply power cord is supplied with the kit. This is not ideal and should be replaced by hard wiring.

NOTE: A hard-wired 12V power supply should be provided by a skilled and knowledgeable mechanic or mobile audio installation shop.



STEP EIGHT: Activating Your Gateway

Your gateway is shipped in sleep mode, once installed, simply start the vehicle, this will activate the gateway.

53FT TRAILER GATEWAY INSTALLATION GUIDE

53 FOOT TRAILERS, OR LARGE CARGO TRAILERS (12-1, 12-2)

STEP ONE: Register your Gateway

To register your gateway refer to Page 6 Step 4 for details.

STEP TWO: Gateway Kit

Unpack your kit and make sure all components are accounted for. Please refer to Page One for the Gateway list of parts.

STEP THREE: Gateway

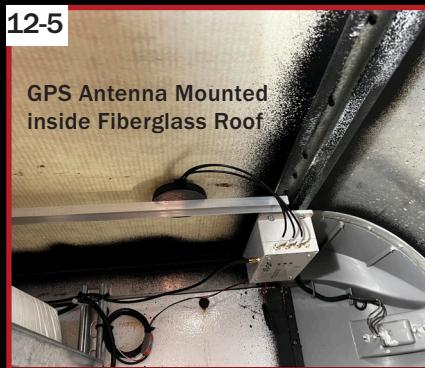
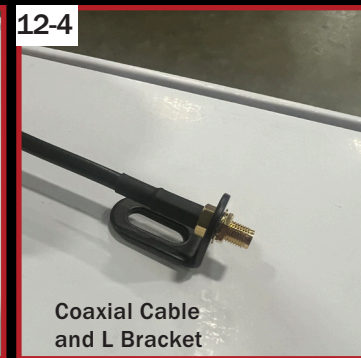
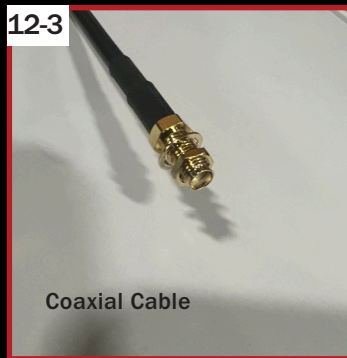
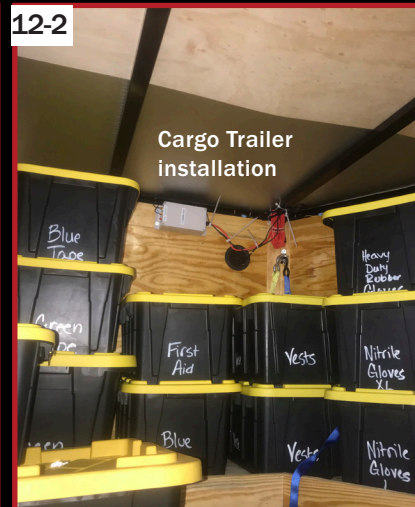
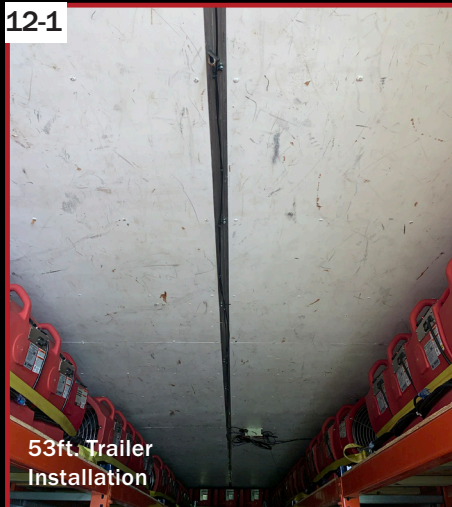
Mount the Gateway on the inside of the trailer on the roof in the middle “centered (back to front and side-to-side)”. In large trailer installations, it is necessary that you use our 2 Antenna BLE kit (which gives you 3 BLE antennas in total). The kit 4043425 comes with 2 co-axial cables (12-3). Extend the cables fully. Included in the kit are L brackets. Mount the L brackets. Attach the co-axial cables to the L bracket with the nut and lock washer supplied. Screw on the BLE antennas. (12-4)

STEP FOUR: Fiberglass Roof/Aluminum or Metal Trailers

Fiberglass Trailer Roofs – The Cellular/GPS antenna can be mounted inside facing up and has the ability to look through the fiberglass material (12-5, 12-6).

Aluminum or Metal Trailers – Place the antenna puck on the trailer roof (12-7). The cellular/GPS antenna is supplied with adhesive peel-and-stick tape on the bottom. Once positioned and stuck in place, please run an additional bead of silicone around the puck.

Next, drill either one 5/8” hole in the upper side ban to pass through all three Cellular/GPS wires or drill 3 individual 3/8” holes for each wire. Silicone all penetrations (12-8).



53FT TRAILER GATEWAY INSTALLATION GUIDE

STEP FIVE: Taking the Gateway out of Sleep Mode

Simply power up the gateway with the 110-volt transformer.

NOTE: There are actually 3 ways to power the gateway on a 53ft. trailer – The gateway comes with 3 three-year batteries on board – there is no power needed. But if you wanted to power the gateway, power it up with 110 power adapter, or 12V connection. You will get more frequent readings when connected to power.

TIP: In order to reduce cross-talk between gateways, please position your trailers **20 FEET APART**.

