



PAR Clear Basestation Quick Reference Installation Guide



Contents

Basestation Installation 3

 Disclaimers..... 3

 Required Tools and Materials..... 3

 Designing the Installation 3

 Installing the Basestation 4

 Testing the Basestation and Finalizing Installation 9

Basestation Setup 10

Basestation Specifications 11

 Physical..... 11

 Electrical..... 11

 Functional..... 11

Inside the Basestation Reference12

Version History 15

Basestation Installation

Disclaimers

- DO NOT connect any external non-PAR Clear devices to the basestation ports!
- Basestation is recommended to be set up with G-Portal prior to installation.

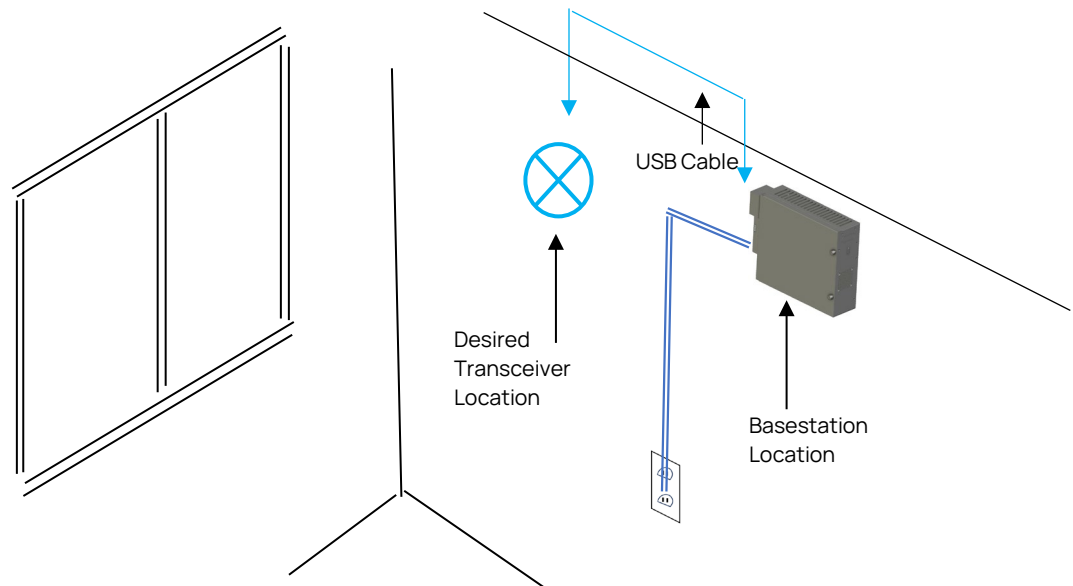
Required Tools and Materials

- Assortment of sheet metal screws or wall anchors and screws as required by site
- Basic tool kit: screwdrivers, hand drill, drill bits, measuring tape
- Conduit as needed

Designing the Installation

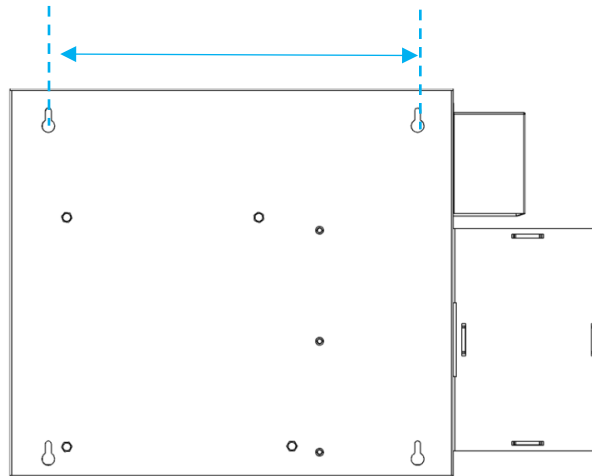
Survey the site as needed prior to finalizing the location.

1. Choose the desired location (wall mountable) for the Basestation and ensure:
 - a. The Transceiver is within installation USB cable length
 - b. The Basestation can be accessible by the store technical team and other installers
 - c. Basestation is in reach of an electrical outlet or approved surge protector
 - d. Use conduit as needed, depending on site

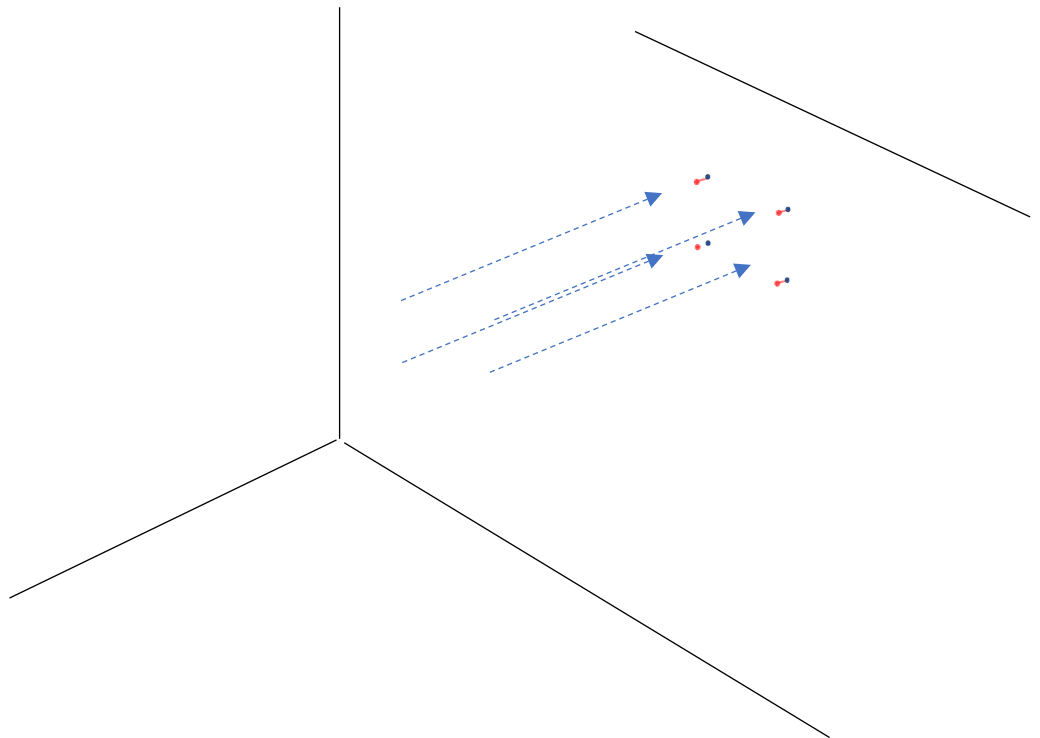


Installing the Basestation

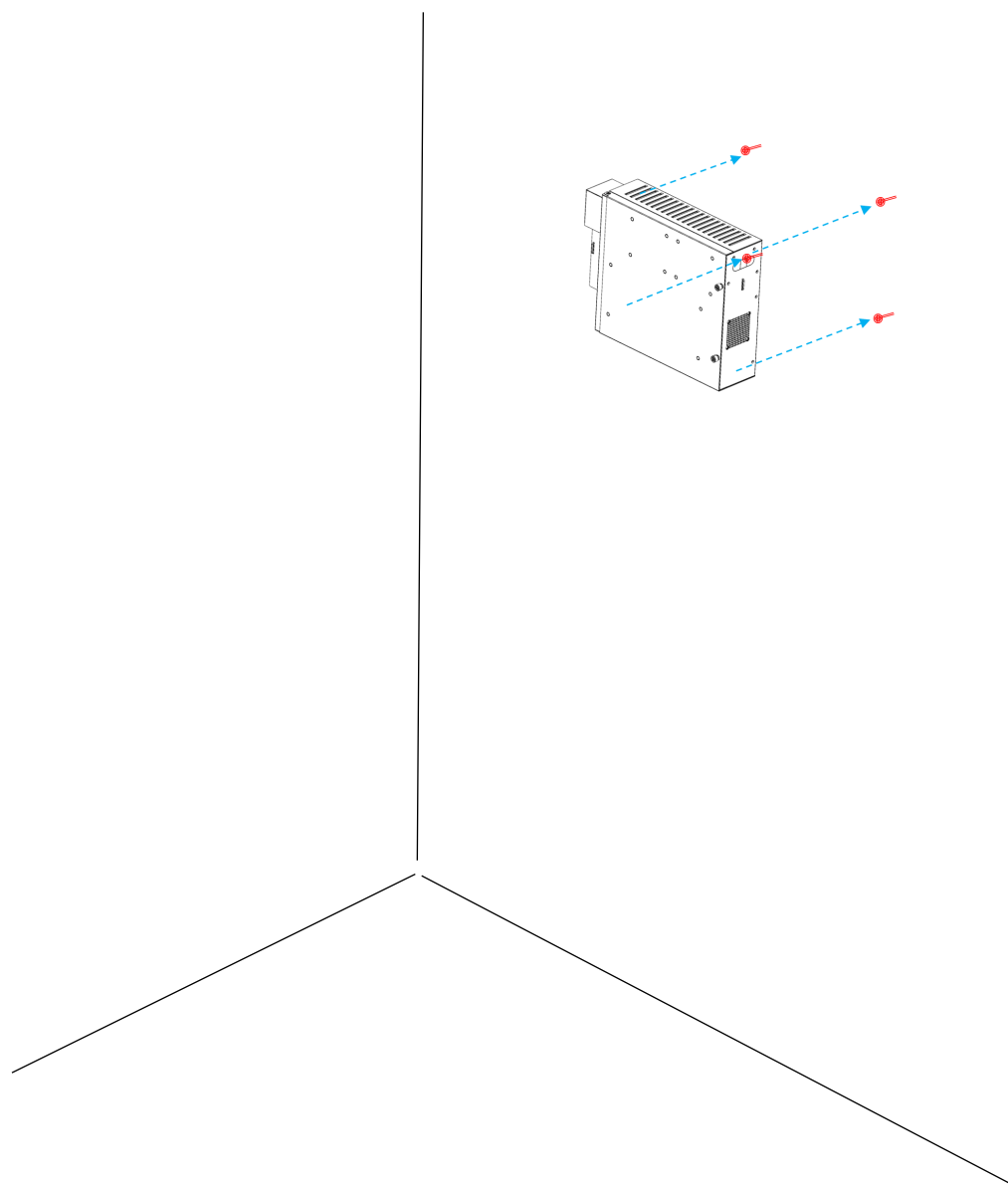
1. Take measurements of the mounting holes you will be using from the back of the Basestation case (or use the template provided).



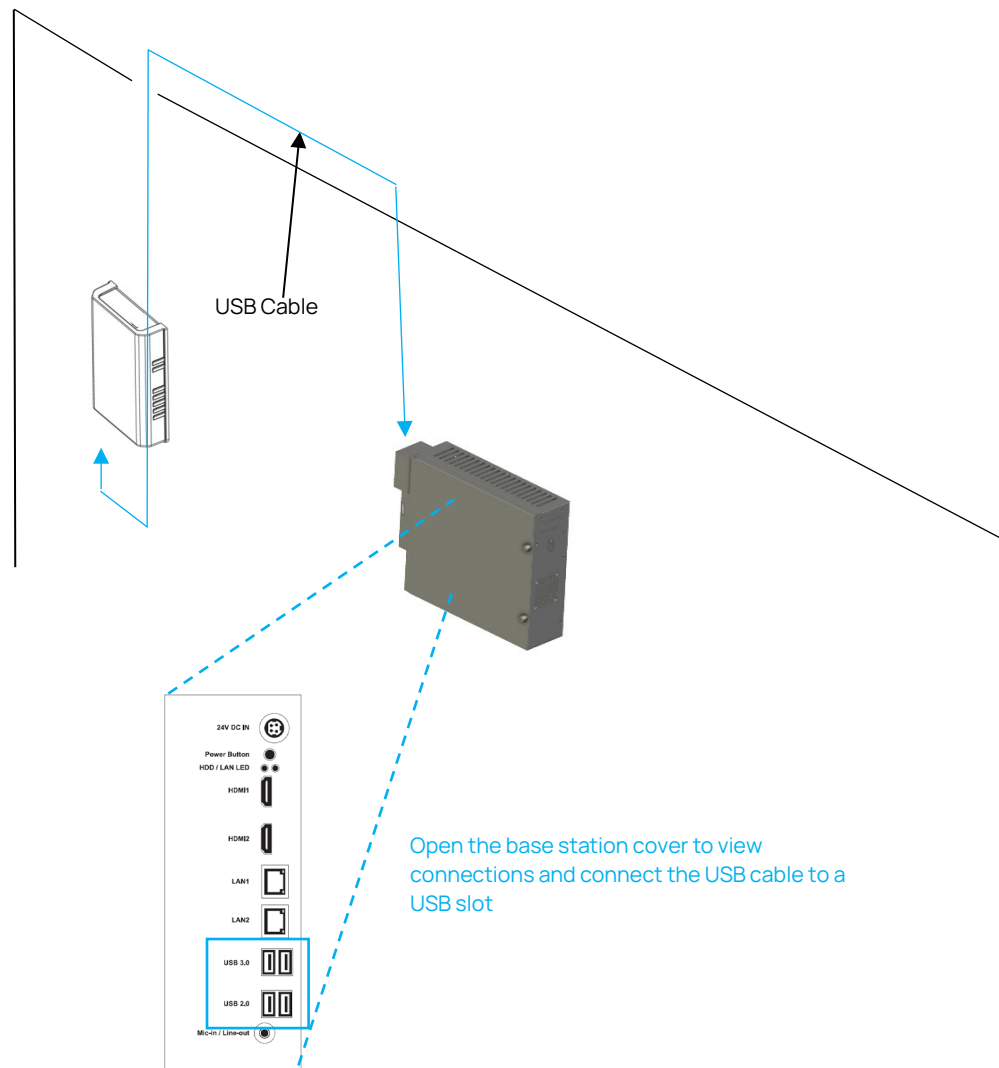
2. Mark the location with measurements you just took on the wall/location where you will be mounting the unit.



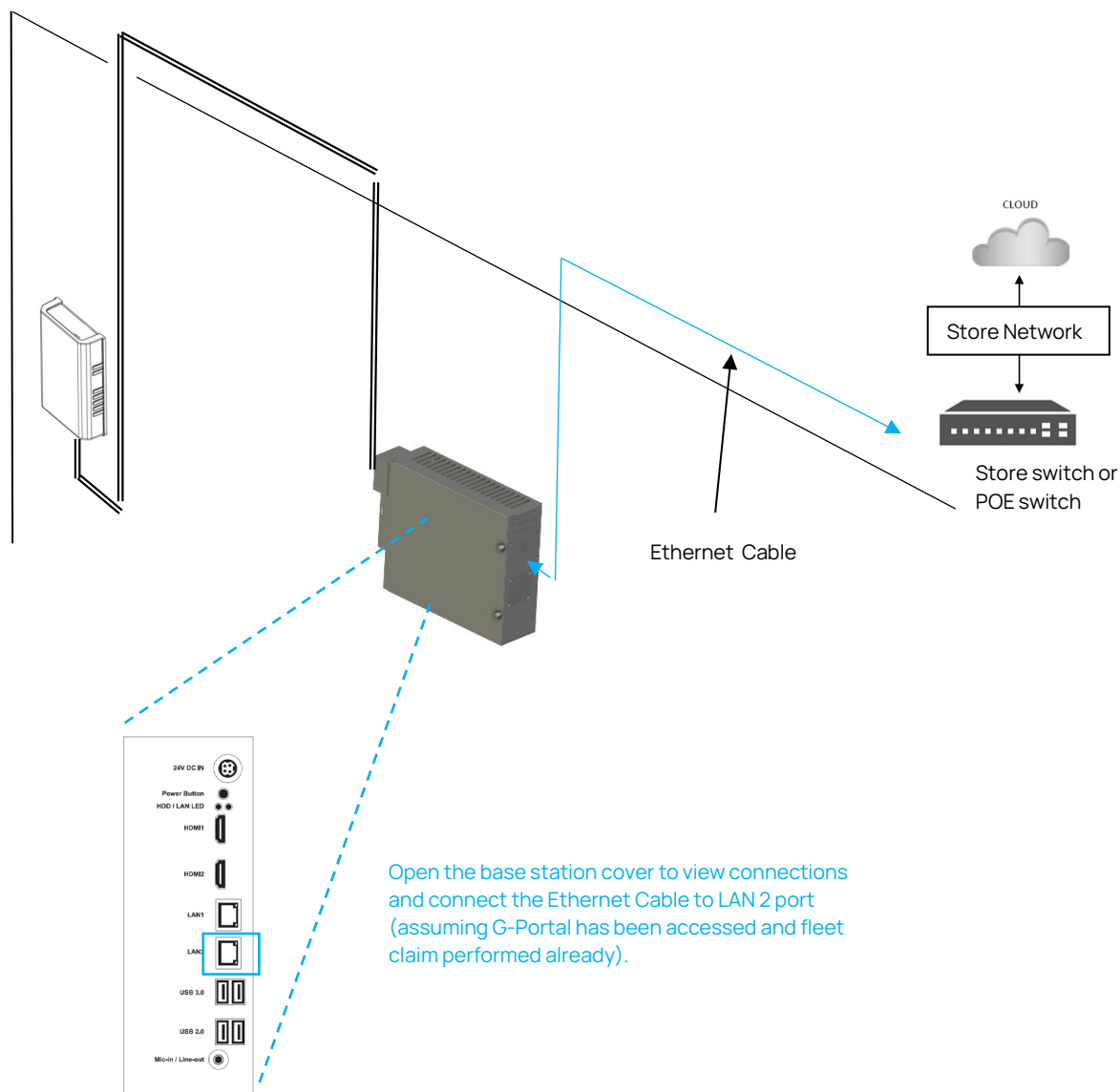
3. Pre-drill the holes as needed referencing your markings and use screws and or anchors as applicable to hang and mount the Basestation.
4. Hang and mount the Basestation and tighten down the screws.



5. Plug in the USB cable to the transceiver and the other end of the USB cable to the basestation (ensure the basestation is powered off).
 - a. Proceed to complete the other system installation(s) and refer to the Quick or Full Installation Guides/Manuals and Quick Start/Full User Manuals as needed for the Transceiver, LAi, DT Portal, and PAR CLEAR Communications System.

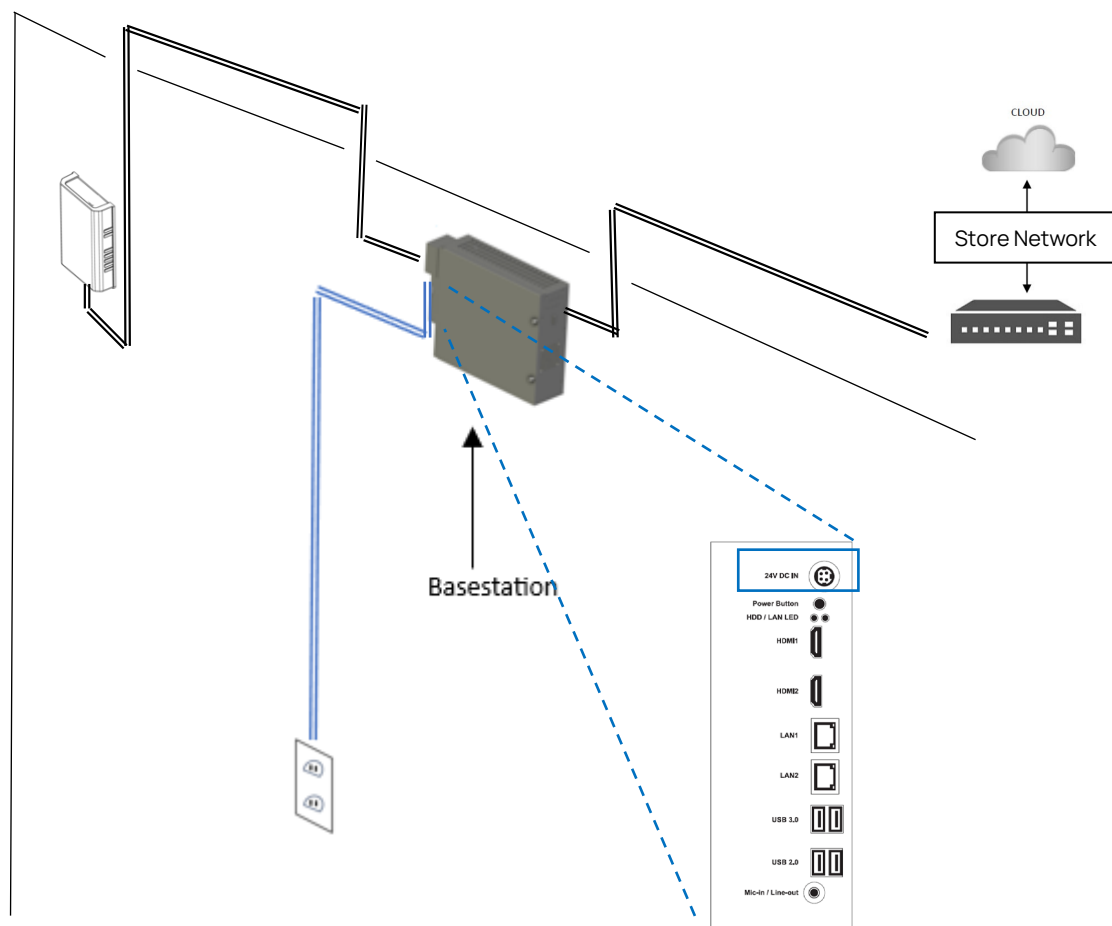


- Assuming the basestation has been configured with the G-Portal, connect an Ethernet Cable to the basestation's LAN 2 port. Note that the basestation must be connected to the same LAN as the LAi and Command Console for the system to work. The basestation default static IP is listed in the table below (ensure the basestation is powered off when installing).



Setting	Address
IP	192.168.99.20
Subnet	255.255.255.0
Gateway	192.168.99.1
DNS	1.1.1.1, 8.8.8.8

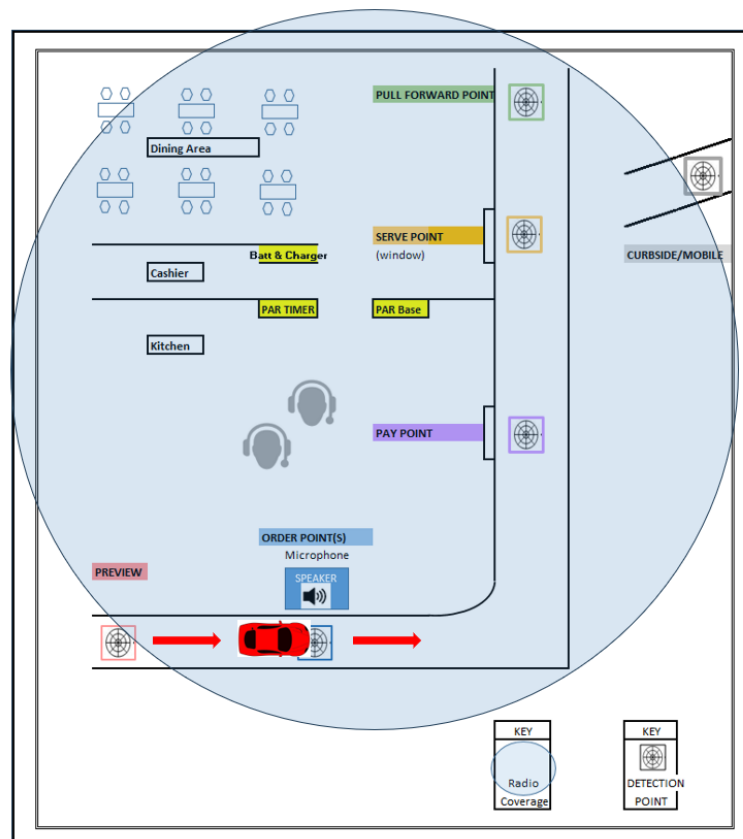
7. Plug in the power and turn on the basestation



Testing the Basestation and Finalizing Installation

Basestation testing assumes the LAi, Digital Microphone, Speaker, Transceiver, and DT Portal are properly installed and configured.

1. Register a headset(s) and test the inbound/outbound of the system, vehicle arrival alerts, and volume adjustments accordingly. Ensure the store is operational by pulling a car into the lane to see if communications are clear and headsets function as expected (use the other quick reference guides as needed for the Headset, LAi, and DT Portal for configurations and volume adjustments).



2. Once you have ensured that the Basestation and system are operating as expected, check to make sure all system wirings are soldered, protected/insulated, and all screws are tightened properly.

Basestation Setup

Please refer to the *G-Portal Quick Reference Installation Guide* to set up the Basestation as needed (this guide is for installation purposes only).

Basestation Specifications

Physical

Parameter	Specification or Requirement
Dimensions (l x w x d)	10.4" L x 12" W x 3.5" D
Weight	3.3Kg, 7.26lbs

Electrical

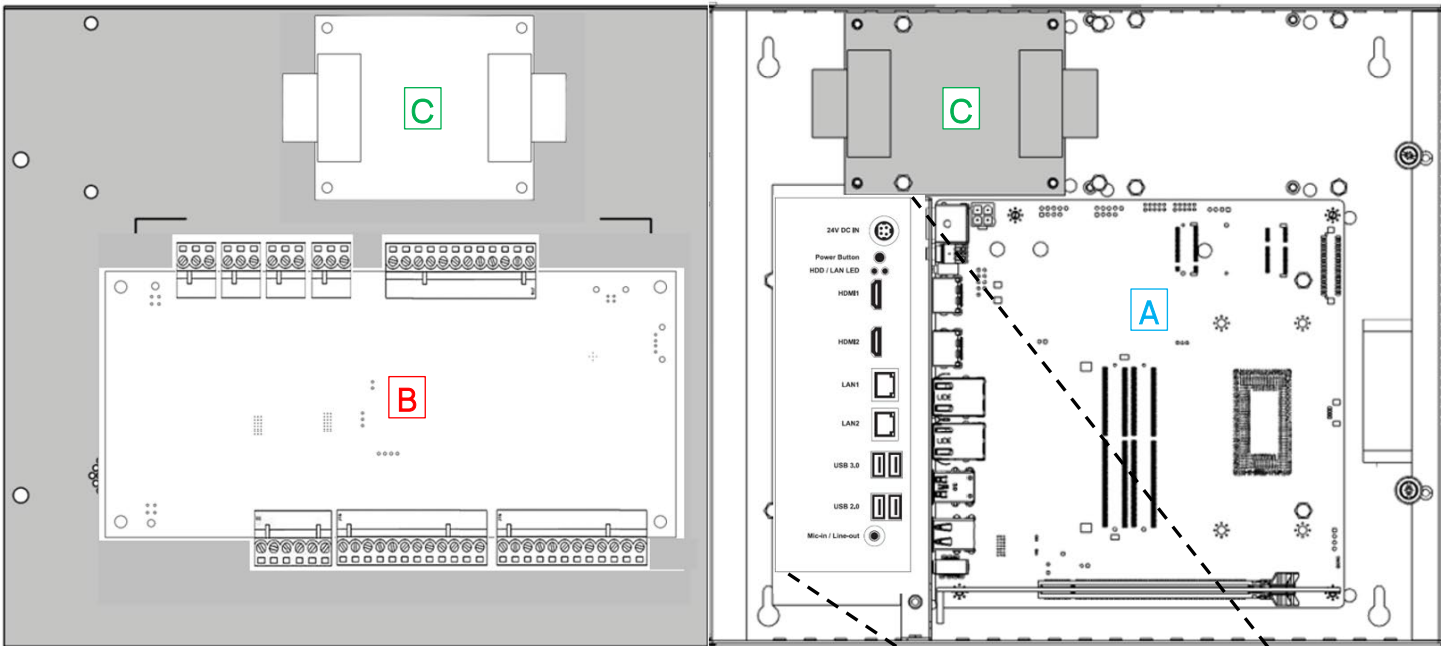
Parameter	Specification or Requirement
Input Power	100 VAC ~240 VAC
Frequency	50/60 Hz

Functional

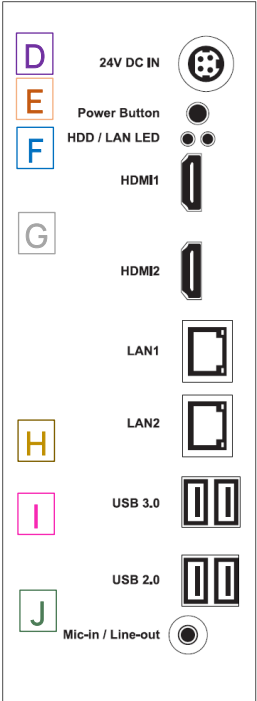
Parameter	Specification or Requirement
Indicator	Red, Green, and Blue LED
Operating Humidity	5% to 85% non-condensing
Operating Temperature	0 C to 60 C

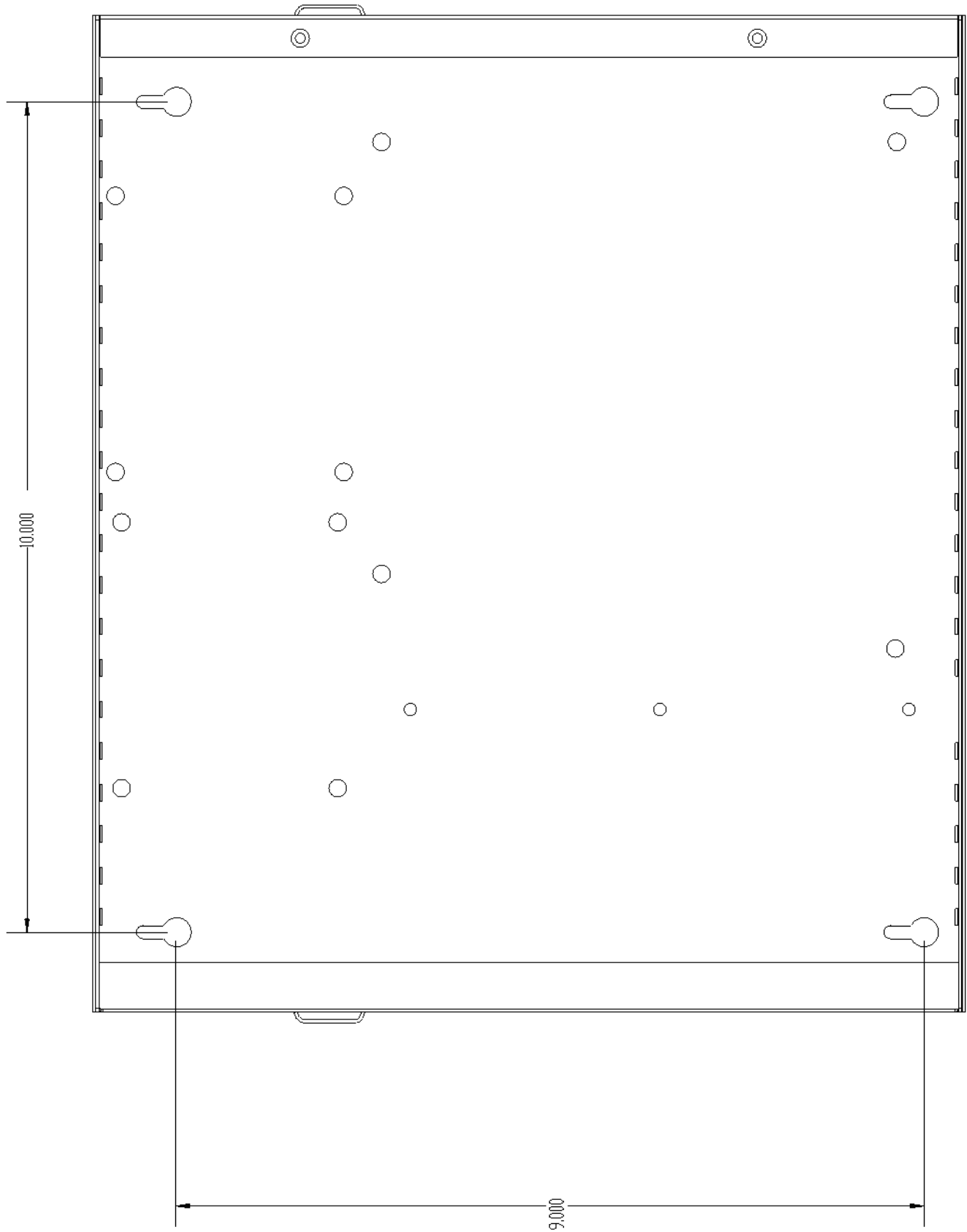
Inside the Basestation Reference

Reference Letter	Item Description
A	Basestation Motherboard
B	PTIO Board
C	Vehicle Detector Boards (VDB)



Reference Letter	Item Description
D	Power In- 24 VDC
E	Power Button
F	HDD-SSD/ LAN LED Indicators
G	HDMI Outputs
H	LAN Ethernet Connections
I	USB 3.0 and 2.0 Connections
J	Mic-In/ Line out jack





FCC Note:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Canada Note: CAN ICES-3 A/NMB-3 A

This device complies with part 15 of the FCC Rules and with Industry Canada license-exempt standard RSS-210 as of the date printed. Operation is subject to the following two conditions: (1) this device may cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Cet appareil est conforme avec la norme RSS-210 d'Industrie Canada exempte de licence à compter de la date imprimée. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil peut causer des interférences, et (2) cet appareil doit accepter toute interférence, y compris celles pouvant provoquer un fonctionnement indésirable de l'appareil

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Version History

Date	Version	Notes
8/6/24	A	Initial Release
11/25/24	B	General layout/formatting updates, updated Electrical Specifications table
12/20/24	C	Updates to Ethernet connection instructions
1/7/24	D	Updated references to external user guides/installation manuals
3/5/25	E	General layout/formatting updates