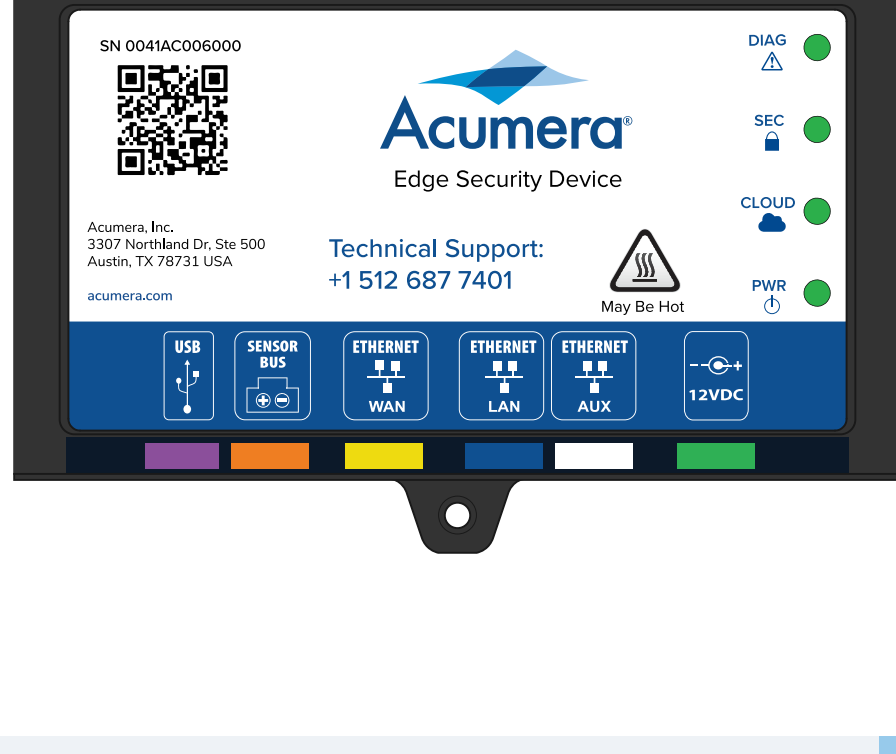




# Acumera SG™ Edge Security Device Installation Guide



## Box Contents

- One (1) Acumera SG Edge Security Device
- One (1) Universal AC/DC adapter

## You Must Have

- A laptop with a modern web browser and internet connection
- CAT5 or better ethernet cable
- For wired broadband, ensure you have an internet device that provides an active RJ45 ethernet port for connectivity

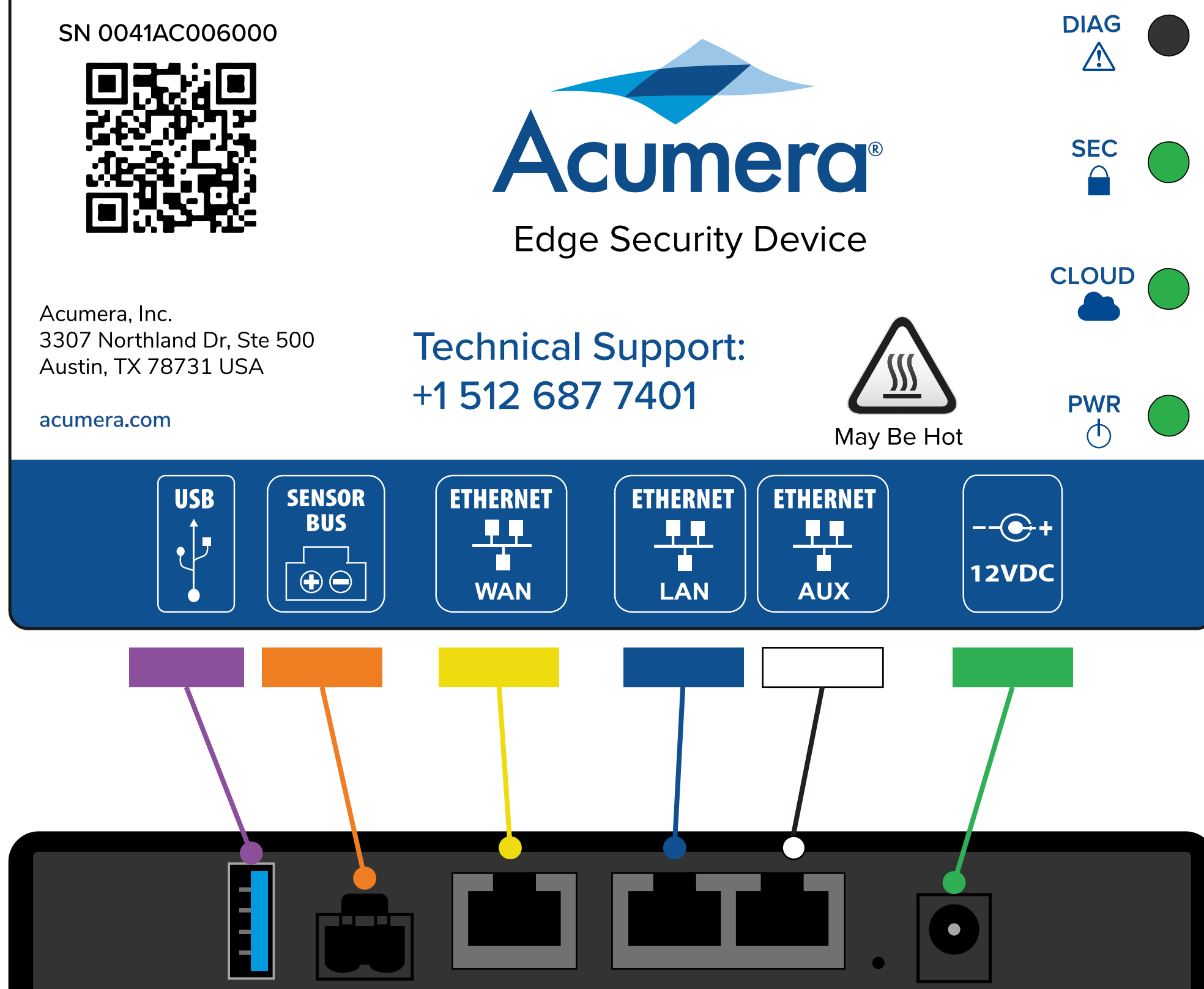
### Recommended:

- Drill and drill/driver bits
- Cable ties
- Drywall or construction screws for wood stud walls
- Concrete anchors and screws for cinder block installs

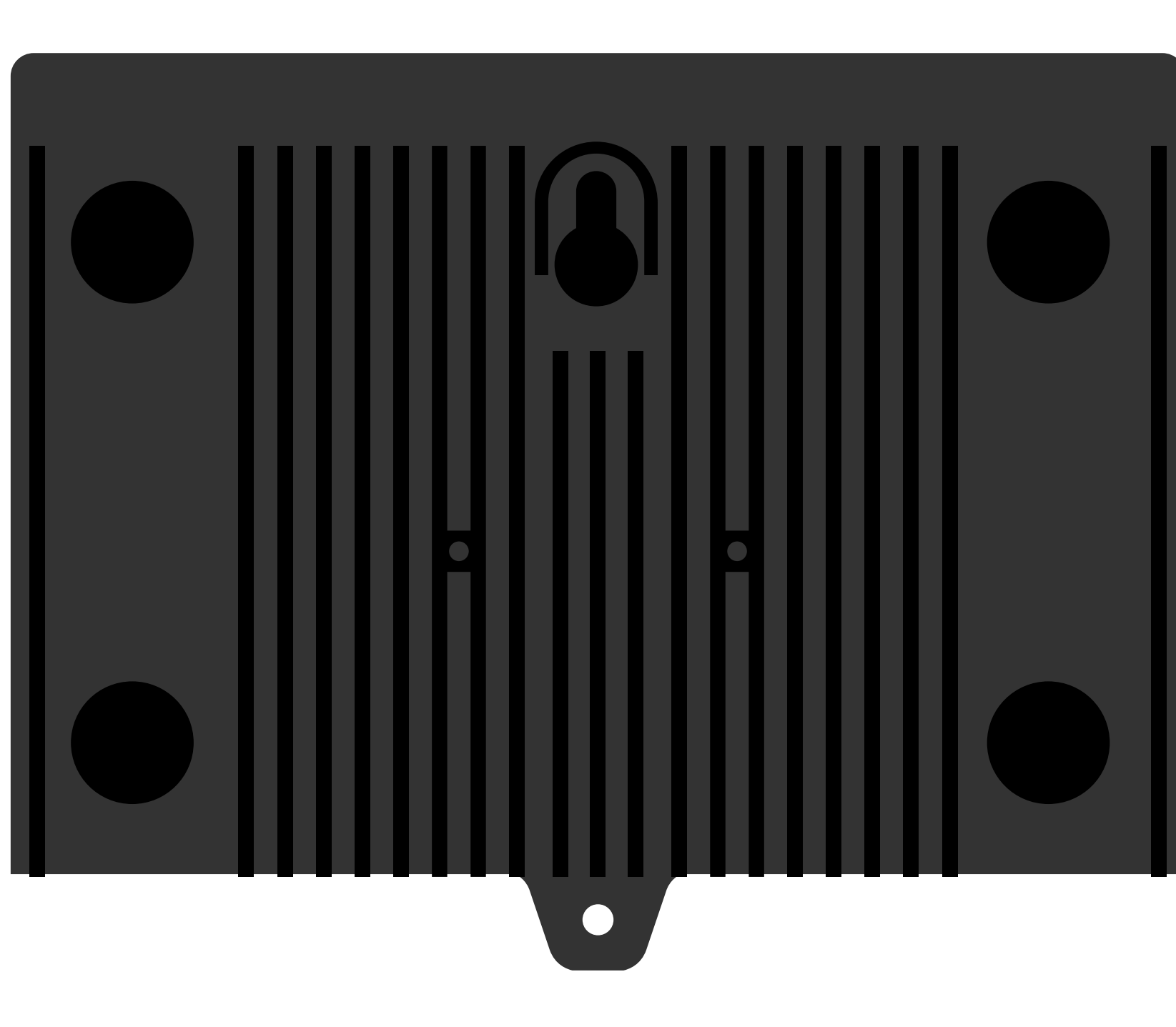
### Optional:

- 2' x 2' plywood backer board if needed
- RJ11 & RJ45 modular plugs
- Crimping and punchdown tools
- Cable tester

## Front Label Indicators



## Bottom



## Rear

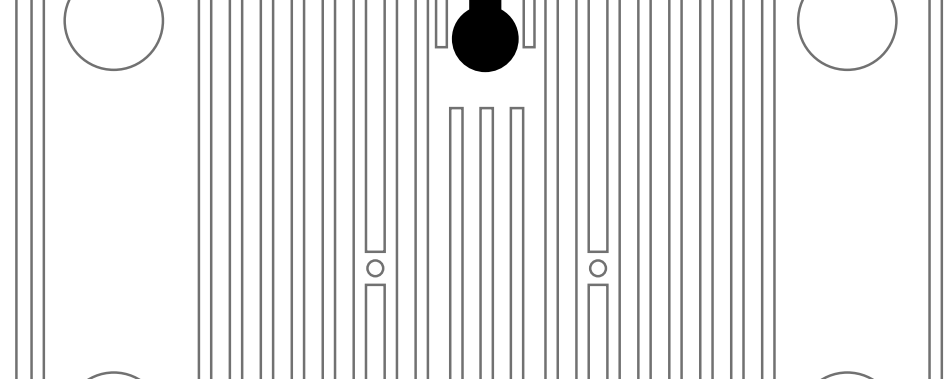
## Installing the Device

Installation steps may be modified for individual site installation requirements

## Step 1: Mounting the Acumera SG

- Mount the SG on a wall using the rear mounting holes on the top and bottom as a guide for the screw locations
  - Install a screw into the wall or plywood, leaving about 1/4" sticking out
  - Hang the SG onto the screw using the keyhole at the top of the device
  - Use a second screw through the bottom mounting flange to secure the device. Avoid overtightening the screw.
  - Test to ensure the device is secure

- See [SG Mounting Guide](#) for other mounting and placement options

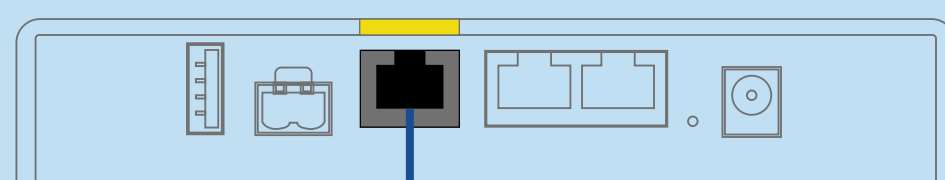


## Step 2: Network Cabling

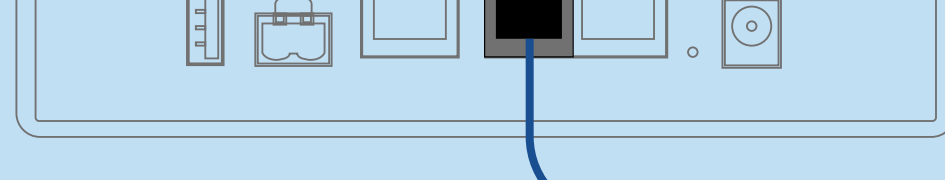
- Connect a CAT5e or better cable to the SG's WAN port, then connect the other end to the device providing internet

- Connect a CAT5e or better cable to the SG's LAN port, then connect the other end to port 1 on the managed switch

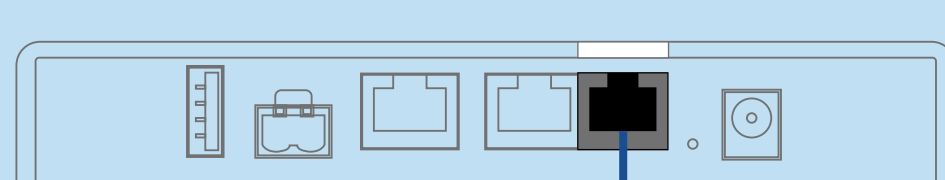
- If the site will use WAN failover, connect a CAT5e or better cable to the SG's AUX port, then connect the other end to a cellular router or additional broadband connection



1. ETHERNET TO INTERNET PROVIDER



2. ETHERNET TO MANAGED SWITCH



3. ETHERNET TO CELLULAR FAILOVER

## Step 3: Broadband Connection

### Verification of Connection

The installer should set up their laptop for DHCP IP addressing or static IP address, as required by the internet connection. Then, plug the laptop into the internet router ethernet port. Finally, use an internet browser to go to [www.acumera.com](#). If that resolves then the internet may be considered active.

### General guidelines for connectivity to carrier modem

- There should not be a DMZ host set on the carrier modem
- Private NAT IP allocation is preferred

### Pre-Configured Broadband Services

DSL, cable, FIOS, fixed wireless access cellular, or other broadband services will supply the router/edge device. The installer will connect the SG's WAN port to the existing ethernet handoff from the broadband device and configure as needed per carrier instructions. This may include the additional step of configuring the SG for a static IP address (below).

### Cellular Router

For locations connected with cellular internet, the installer may need to install the cellular router. For an Acumera-provided cellular router, the device will already be configured. For assistance with placing the cellular router for optimum signal, please call the Acumera Customer Support Center at 512.687.7401 or [team@acumera.com](#).

### Static IP Address on the WAN port

If the site uses a static IP address for WAN connectivity, the store's internal help desk will provide this information. Complete the following steps to configure the SG:

NOTE: Do not disconnect power from the SG during this procedure.

NOTE: The following step is only required when a carrier connection is using a static IP address. Please confirm with the location's IT help desk. If not using a static IP address, skip to Step 4.

- Ensure the SG is in a powered off state.
- Connect a laptop to the LAN port of the SG (Figure 1)
- Set the laptop internet connection to DHCP
- Connect the power cable to the SG (Figure 2). The SG's PWR light will illuminate. If it does not, check the power cord and then observe the light indicators on the top edge of the SG
- Enter http://10.0.1.1 into the address bar. This will open the configuration page for the SG
- Complete the WAN information as appropriate. Figures 3-5 are provided as guidance for configuring the SG with a static IP address

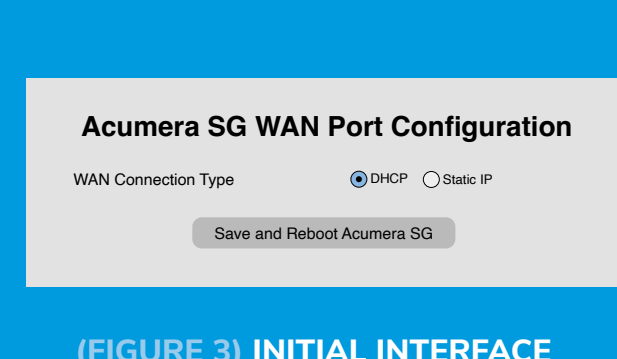


(FIGURE 1) ETHERNET TO LAPTOP

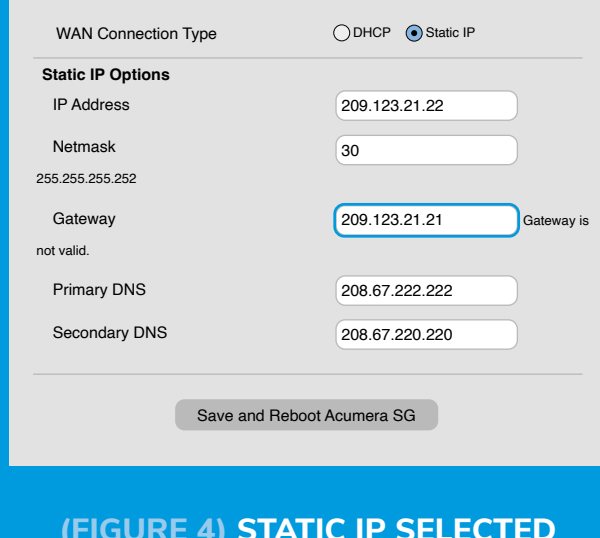


(FIGURE 2) POWER CABLE TO SG

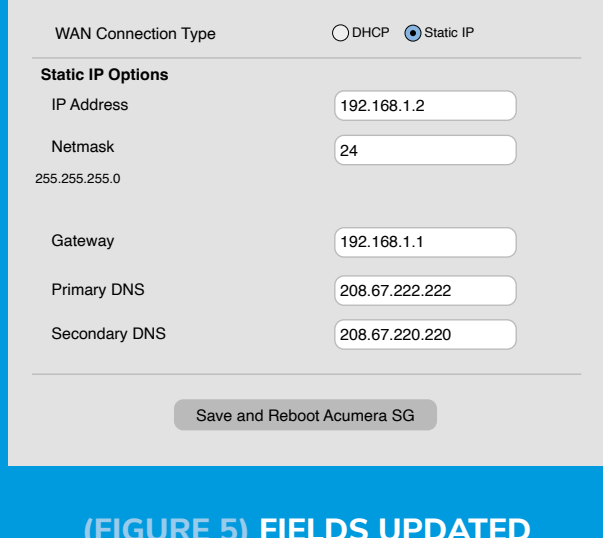
### Static IP Address Information



(FIGURE 3) INITIAL INTERFACE



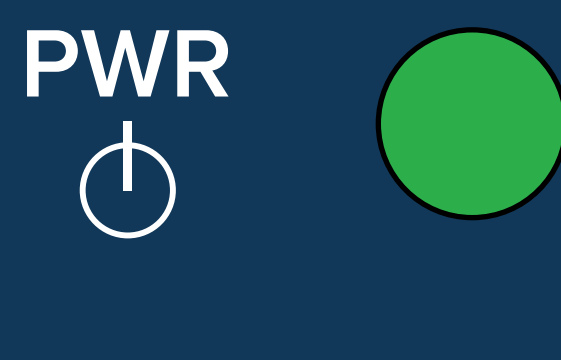
(FIGURE 4) STATIC IP SELECTED



(FIGURE 5) FIELDS UPDATED

## Step 4: Power up the SG

- Connect the SG's power if not already connected
- The SG's PWR light will illuminate. If it does not, check the power cord and then observe the light indicators on the top edge of the Acumera Edge Security Device.
- Watch for the CLOUD light to turn solid GREEN
- If the CLOUD light does not turn solid GREEN, check the broadband connection.
- Once a broadband connection is established, proceed to final step



## Step 5: Contact Acumera Support Center

Contact the Acumera Customer Support Center (CSC) to complete activation and configuration.

Have questions? Email [team@acumera.com](#)



**Contact Support Center**  
US+1 512 687 7401  
[team@acumera.com](#)