

Tools NEEDED / RECOMMENDED

- Retro-reflective vest and helmet, and any other road safety gear.
- Sturdy ladder with nylon straps and helper to secure the ladder OR bucket lift.
- 5/16" (8mm) socket OR #2 slotted screwdriver bit and driver.
- 7/16" (11mm) box wrench OR crescent wrench.

Pre-deployment



5-10
minutes
per
location
(est.)

1. Identify suitable installation locations using site visits, maps, or aerials. A suitable installation location will have the following traits:
 - ✓ Safe place to park with visibility of oncoming traffic with access to a pole at least 10 feet tall and at least 2.5 to 18 inches in diameter.
 - ✓ Consistent proximity to the traffic being observed across all installation locations (ideally within 100 feet of the farthest lane).
 - ✓ Consistent mounting height relative to the traffic being observed across all installation locations (the installation height range is between 9 and 18 feet).
 - ✓ Line-of-site view of the traffic being observed, and open view of the southern skies (for solar installations).
2. Verify batteries are in good condition. Fully charged 12V SLA batteries should measure >12.7V. Do not connect the battery to the device at this time.
3. Secure any necessary permission, permits, or right of way to install on public or private property.

Day of Deployment



15-30
minutes
per
location
(est.)

1. Feed straps through bracket.
2. Pre-thread mounting hex bolts into back of Bluemac box to finger-tight, then back out two full turns.
3. Attach only the mounting bracket to a pole with the supplied quick-release worm-drive stainless steel straps, or 3/4" (20mm) banding.
4. Set the box into the mounting bracket slots. Allow it to drop into the mounting slots, then tighten the hex bolts with a wrench.
5. Plug in the battery and power on the device by plugging in the power connector to the faceplate.
6. Attach the RAM arm mount and connect the solar panel if equipped.
7. Attach the Bluetooth Antenna and BLE and WiFi antennas if equipped.
8. Confirm functionality and communications by logging into the website using the provided credentials and clicking the Devices tab.
 - Host: <https://venetian.bluemacanalytics.com>
 - NOTE: The "Last Heartbeat" column can take up to one hour to update depending on the location's 4G LTE connection.
9. Click "Manage" next to the deployed device and set their deployment details by coordinates or clicking-dragging the Bluemac icon to the correct location. The address field will auto-populate and can be modified to anything more relevant (landmarks, cross streets, etc.).