

# ZEN VMS

Installation/Setup Guide



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[www.zen-vms.com](http://www.zen-vms.com)

2495 NW 35 Ave., Miami, 33142 FL

305.633.9636



# Important

Please note, your ZenVMS unit will not be able to communicate with NOAA without first being activated. The customer must fill out the ZenVMS Service Agreement before having the ZenVMS unit installed to ensure the device can be properly activated once it has been installed.

Please visit <https://www.zen-vms.com/service-agreement> to fill out the agreement, or scan the QR code below to be taken to the agreement on your mobile device.



# Installation Guide

**01** Find a dry location to mount the ZenVMS unit.

**02** Choose an antenna setup optimal for the location where the ZenVMS unit is mounted:

A. For remote antenna installation, mount external antenna in an optimal location with a clear view of the sky.

B. For on-device antenna installation, screw both antennas onto their corresponding ports. (Skip to Step 4 if using on-device antennas).

**03** (Optional) Run two extension cables for the external LTE and GPS antenna if needed. Please make sure to verify the extension cables are connected to the correct cable (GPS to GPS, LTE to LTE) to ensure proper reception for each.

- Use LMR-240 50 ohms if < 30 feet.
- Use LMR-400 50 ohms if 30-75 feet.
- If more than 75 feet is needed, please contact support.

**04** Connect the unit to power it on. If using the AC/DC adaptor skip the remaining steps and move on to the Setup Guide. If powering the unit via DC, please continue following the instructions.

**05** Cut the wire off of the AC/DC adapter included with the unit.

**06** Connect the wire lead with a white strip to the negative DC source.

**07** Connect the solid black wire lead to a 3-amp fuse and to the positive DC source.

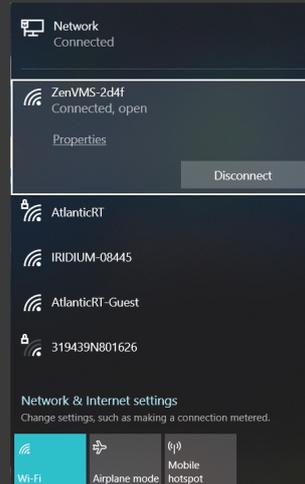
**08** Confirm that the center connector has positive polarity.

**09** Plug in and allow the unit to power up.

# Setup Guide

01

Connect a computer, iOS device or Android device to the ZenVMS Wi-Fi or Ethernet port. (The SSID will be ZenVMS-XXXX). The password to connect is “zenvms123456” .

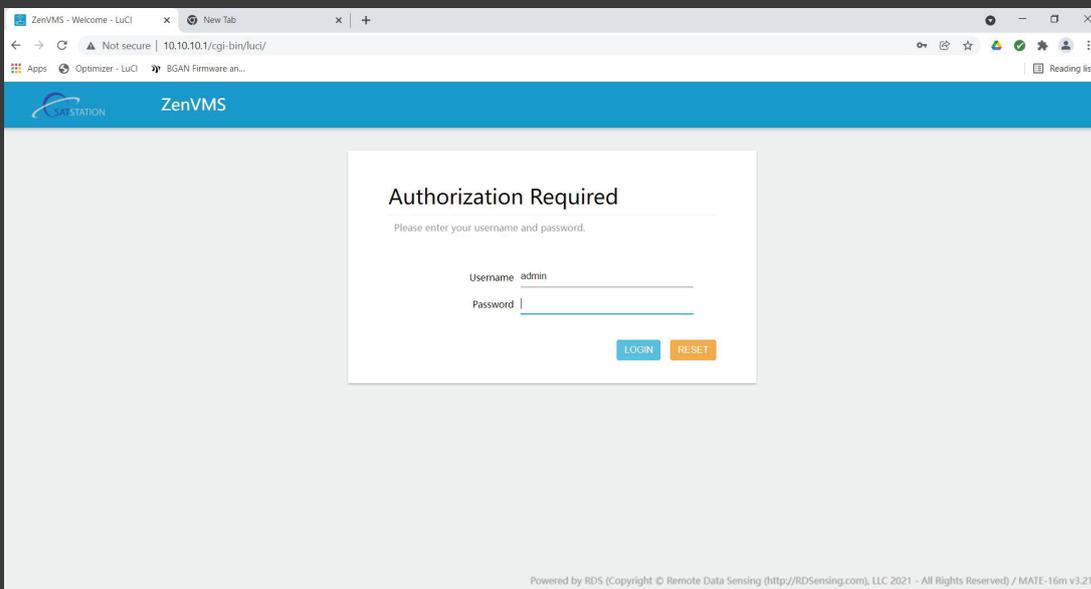


02

Open a browser and navigate to ***http://10.10.10.1***.

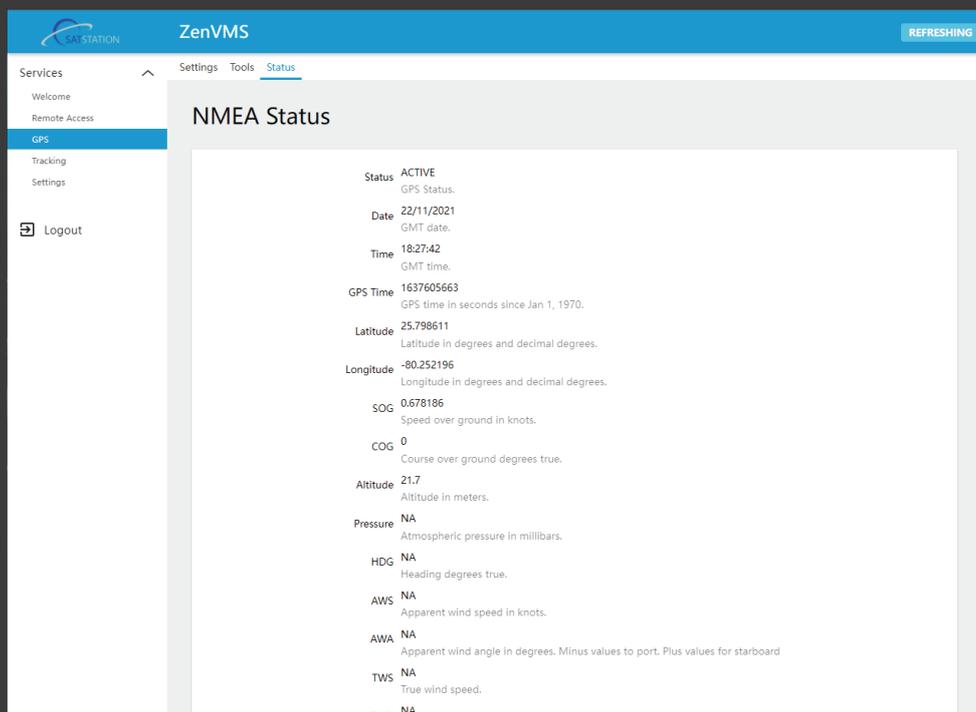
03

Log in using the “admin” username.  
(Username and password are both “admin” by default.)



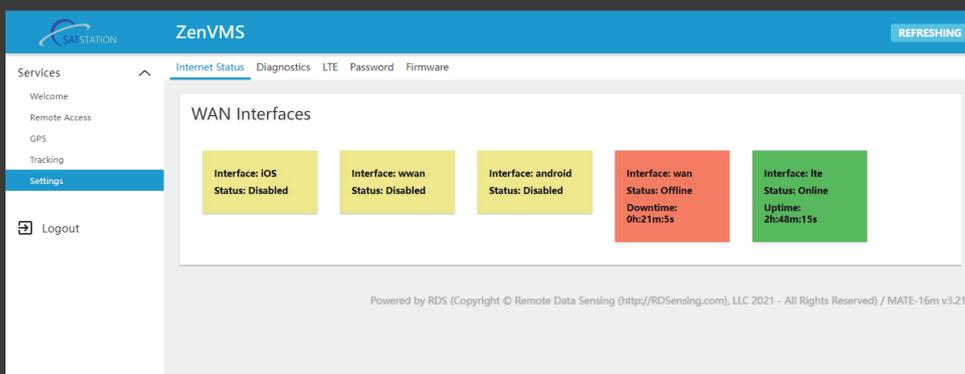
04

Navigate to Services->GPS->Status. and confirm that the GPS is ACTIVE. If it is not, please verify that the antenna has been securely attached and has a clear view of the sky to acquire a GPS signal. If you have followed these steps and are still not seeing an active GPS signal, please contact support.



05

Navigate to Services->Settings->Internet Status to verify you have an active internet connection. If you do not, please navigate to Services->Settings->LTE and work with support to get the unit on the internet. IMEI, ICCID, Signal etc. for LTE will all be listed in the tab.

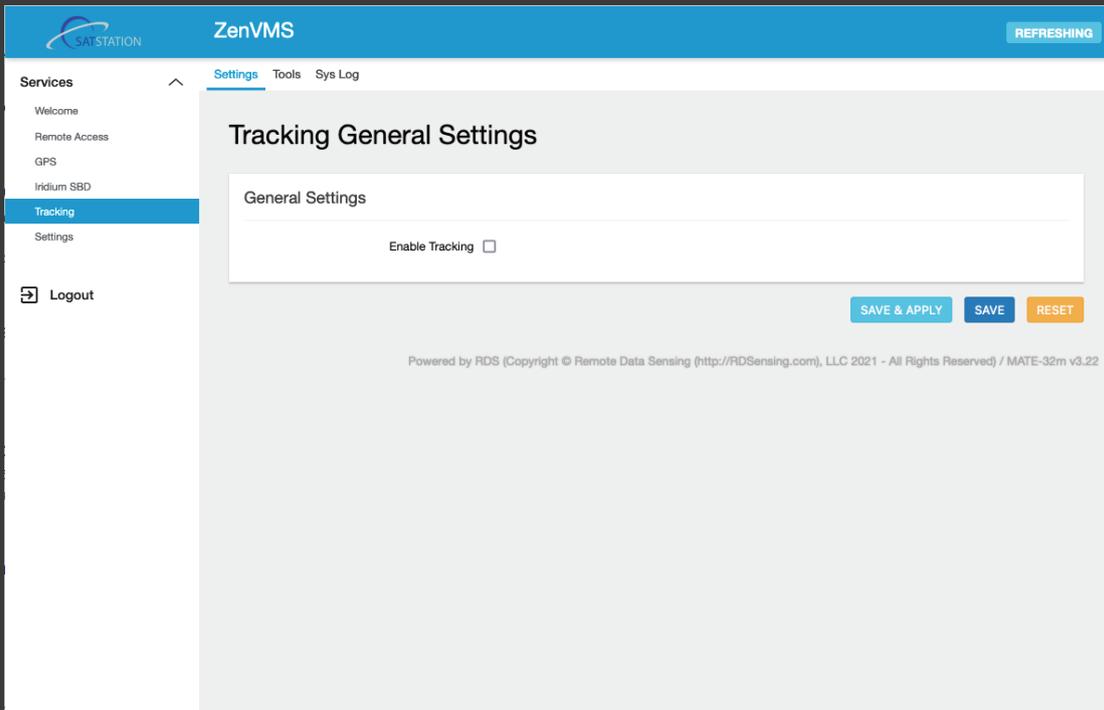


## Quick Troubleshooting for GPS and LTE.

- Verify the correct antenna or antenna leads are connected to the corresponding antenna port.
- Verify the antenna(s) have a clear view of the sky.
- Verify that your unit has been activated

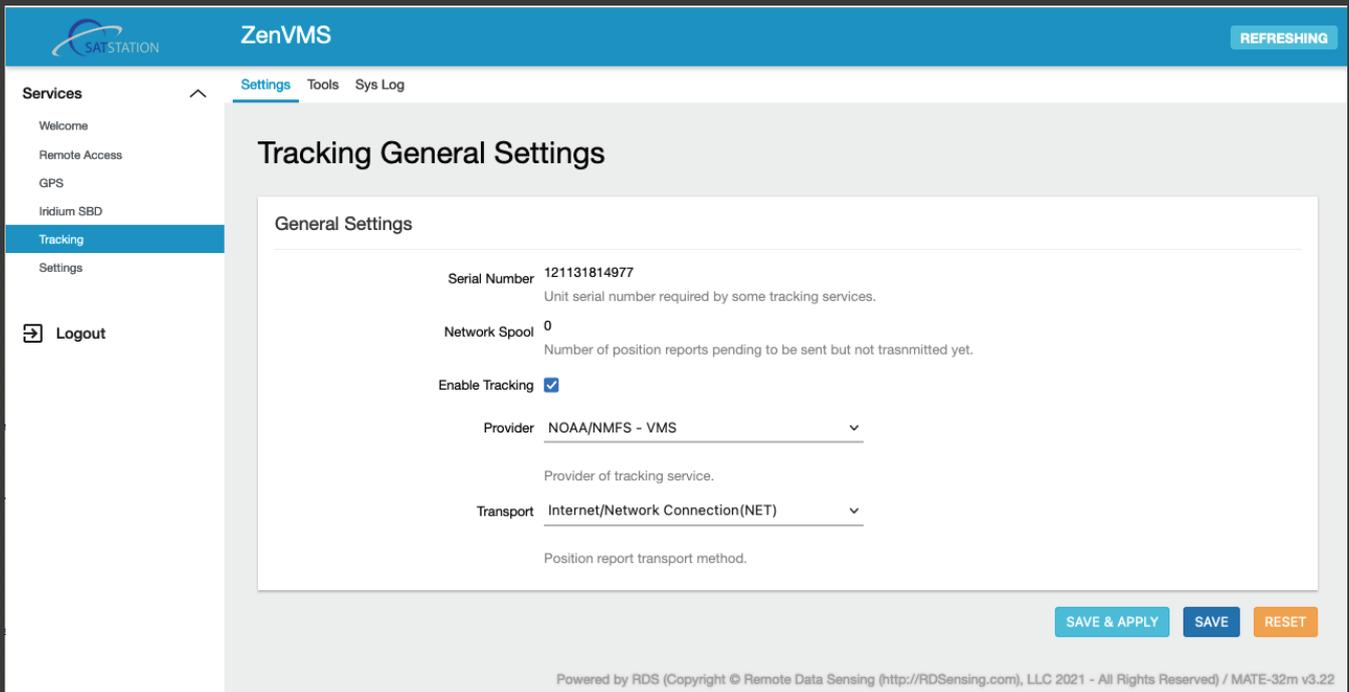
06

Next, navigate to Services->Tracking, click on Enable Tracking and then click SAVE & APPLY on the bottom of the page to enable tracking for the unit .



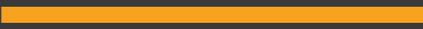
07

After enabling tracking, verify that "NOAA/NMFS – VMS" is selected in the provider drop-down, and then hit SAVE & APPLY at the bottom of the screen.





# LED Lights Pattern

|   |                          |
|---|--------------------------|
|  | No GPS                   |
|  | No Internet              |
|  | Good Internet            |
|  | Pending Reports          |
|  | Power                    |
|  | Internal Data Processing |

**NO GPS** – Rapidly alternating green and orange lights

**NO INTERNET** – Slowly flashing orange light

**GOOD INTERNET** – Solid orange light

**PENDING REPORTS** – Slowly flashing green light

**POWER** – Solid blue light

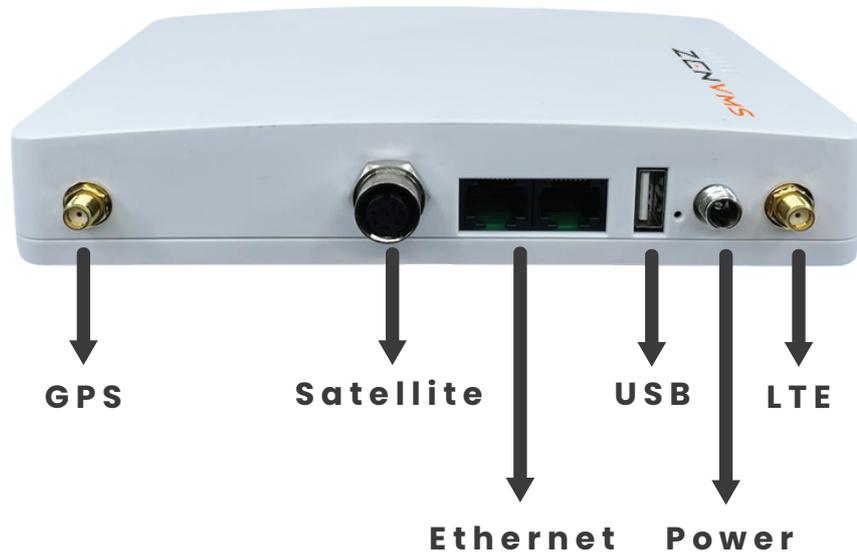
**INTERNAL DATA PROCESSING** – Intermittent Red Light

*\*The blinking red LED is indicative of internal data processing and is expected to flash intermittently while the unit is active.*

## What's Included?

- 01 ZenVMS Terminal
- 02 Internal GPS Antenna
- 03 Internal LTE Antenna
- 04 External GPS/LTE Antenna
- 05 AC Power Adapter
- 06 LED Light Sequence Label
- 07 User/Installation Guide

# What's Included?



**GPS Antenna**



**LTE Antenna**



**LTE/GPS Combo  
Antenna**



SCAN ME

[www.zen-vms.com](http://www.zen-vms.com)

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# Troubleshooting

If your unit does not have an internet connection and you require support, please contact support at 305.633.9636. If your unit does have an internet connection and you need support, please follow the instructions below. If you are unable to log in and request support, send an email to [zensupport@atlanticrt.com](mailto:zensupport@atlanticrt.com).

01

Connect a computer, iOS device or Android device to the ZenVMS Wi-Fi or Ethernet port. (The SSID will be ZenVMS-XXXX.) The password to connect is "zen-vms123456".

02

Open a browser and navigate to <http://10.10.10.1>.

03

Log in using the "support" username. (Username and password are both "support" by default).

04

On the Remote Support page, type a description of the problem you are facing and click "Enable Remote Support." This will send a support request and allow support to remotely fix any issues you may have.

**NOTE:** An active internet connection is required for this. If the LTE modem is not working, you can plug an iOS or Android phone into the USB port and enable USB tethering on the mobile device. This will allow ZenVMS access to the internet and the remote support feature.

ZenVMS

Services Remote Access Diagnostics Internet Status LTE

Remote Access

Logout

### Remote Support

Info: Enter something meaningful here. e.g. John Doe, FV Miss Janey, 888-111-2222x33

Enter optional information such such as name, phone number, vessel name, problem description, etc. or anything else that might be useful to support personnel.

[ENABLE REMOTE SUPPORT](#)

Allow remote personal access to your router via a broadband satellite, WiFi, or cell phone link

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# Warranty

ZENVMS guarantees that each new ZENVMS product is warranted to be free from defects in material or workmanship. The standard warranty for the ZENVMS equipment and parts is valid for a period of two years from the date of commissioning of the product by the installing certified dealer.

The standard warranty for the labor costs directly associated with ZENVMS equipment is valid for a period of one year from the date of commissioning of the product by the installing certified dealer.

Visit the link below for full warranty details

[www.zen-vms.com/warranty](http://www.zen-vms.com/warranty)

