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Installation Instructions for Omni Z-Wave Interface Plugin for Vera Controllers – UI7 Serial Connection Kit

Thank you for purchasing the Omni Z-Wave Interface Serial Kit. These instructions are for the Vera 3 Controller running User Interface firmware Version 7. Please refer to our website for other controllers and User Interface firmware versions. This manual does not provide instructions on how to pair your Z Wave devices to the Vera. Please refer to the relevant Setup Manuals found at www.automationdistributors.com.au. They are located in the document section of each module.

1. What's included

The Omni Z-Wave Interface – Serial Kit includes:

- 1 x Vera 3 Controller
- 1 x USB to DB9M cable
- 1 x DB9M to RJ12 cable
- 1 x Ethernet Cable
- 1 x Activation Key Card



2. Connecting the Hardware

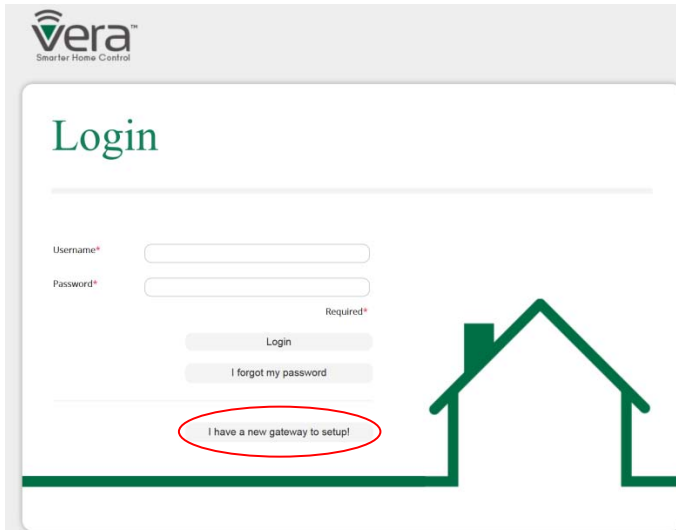
Before powering on the Vera 3 Controller (“Vera”) connect the USB cable to the USB slot on the Vera, connect the Ethernet cable between the Vera and your home network and connect the DB9M to RJ12 cable to the USB cable and a spare serial port on the automation controller. You can now power on the Vera. While your Vera powers up it may automatically update the firmware to the latest version. This may take up to 15 minutes. Do not power off during this process.

Your Vera is ready when the Power, WAN and ZWave lights are lit and not blinking. The USB1 light should also be lit if you have correctly connected the USB cable and the WiFi lit if that is turned on.

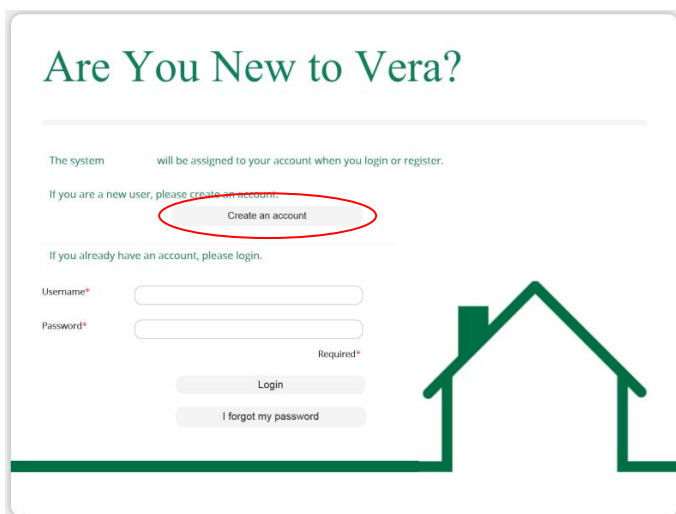
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3. Setting up the Vera for the first time

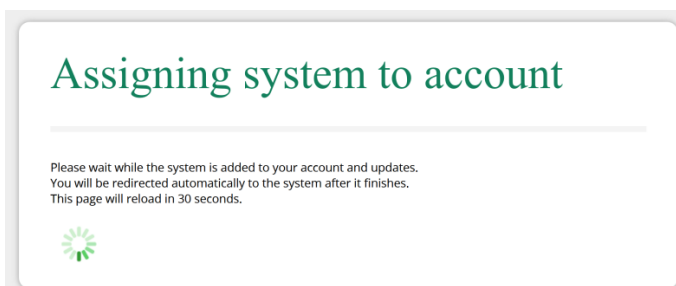
Open a web browser and go to <https://home.getvera.com/users/login> Select “I have a new gateway to setup!”



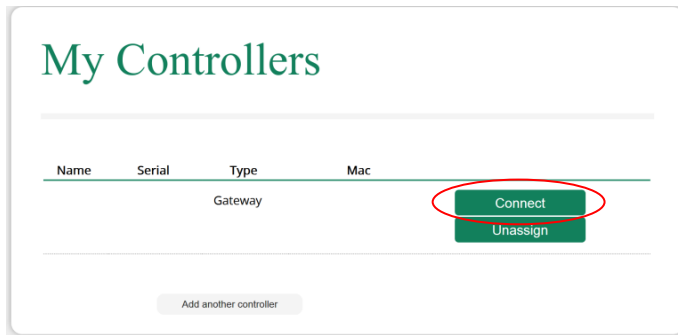
Select your controller as Vera 3 and press “Continue”. It will ask you to plug in your controller and confirm all three lights are on and steady. When you press “Continue” it will recognise your Vera and prompt you to create an account. Follow the process to set up an account and connect to your Vera.



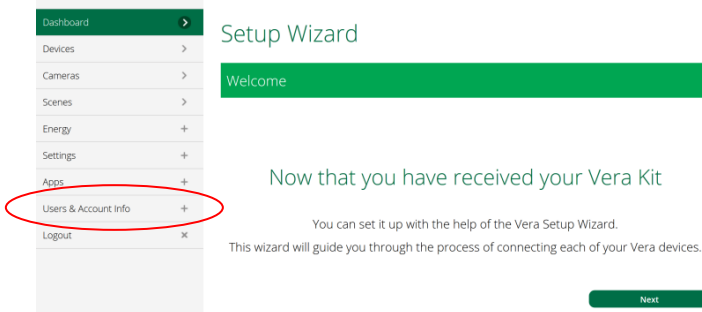
Your Vera will then be assigned to your new account.



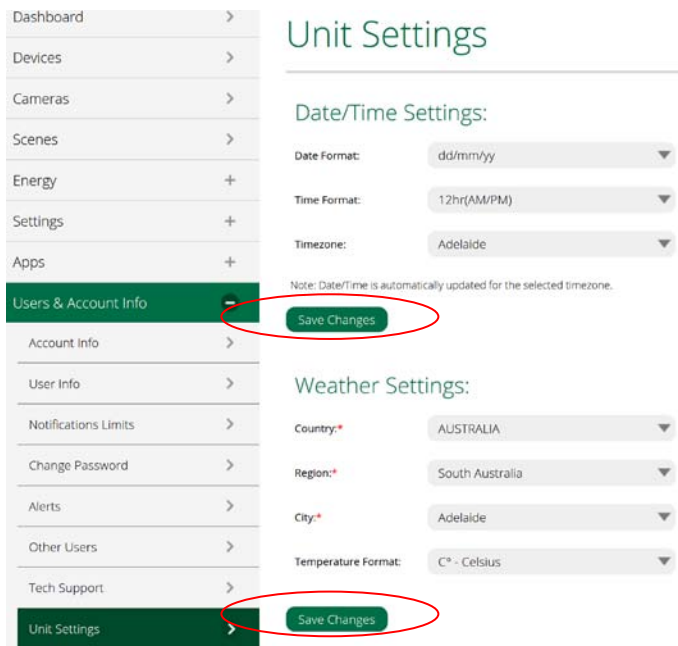
If it doesn't reload after 30 seconds log out and log in again. You will then be taken to a summary page showing your Vera Serial number and Mac address. Take a note of the serial number, you will need this later. Press the "Connect" Button and you will be redirected to the Setup Wizard.



Press the "Users & Accounts Info" button on the left hand side. Select "Yes" to cancel the Wizard.

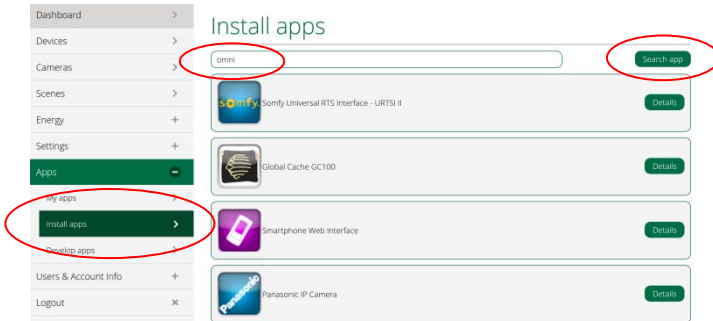


In Unit Settings complete all the Date/Time Setting and press "Save Changes". Do the same for the Weather Settings and press "Save Changes".

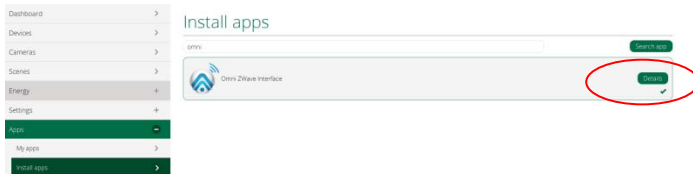


4. Installing the Plugin

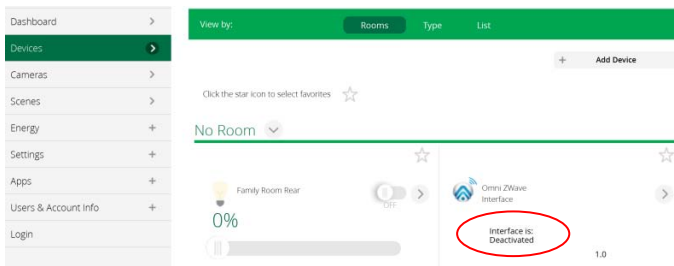
Select “Apps” and then “Install Apps” in the left hand menu. On the right hand side type “Omni” in the Search bar and press “Search app”.



You will see the Omni Z Wave Plugin logo and the Description “Omni Z-Wave Interface”. Press the “Details” Button. On the next screen press the Install Button and Press “OK” to confirm the installation.

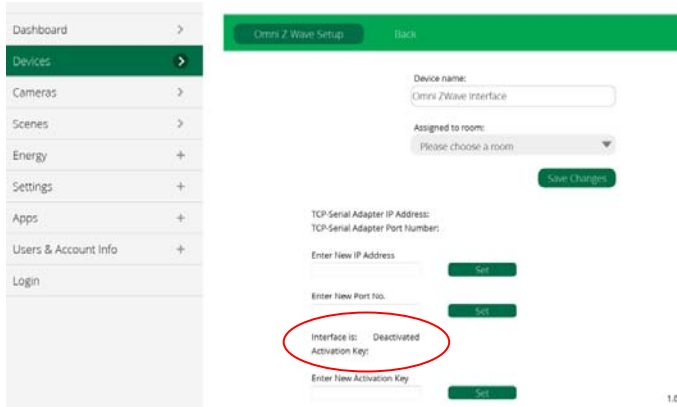


Once installed click on the “Devices” Tab. You may need to refresh your browser for it to appear. You will see the Omni Z-Wave Interface Device. The Main screen shows the version number and the status of the Plugin. If it is “Deactivated” the Plugin will not provide any control or feedback. In order for the Plugin to work you must enter an Activation Key.



5. Setting up the Plugin

Click on the arrow on the right hand side of the Omni Z-Wave Interface Dashboard and it will open the Omni Z-Wave Interface Setup page. It will say “Deactivated” and the Activation Key will be blank.



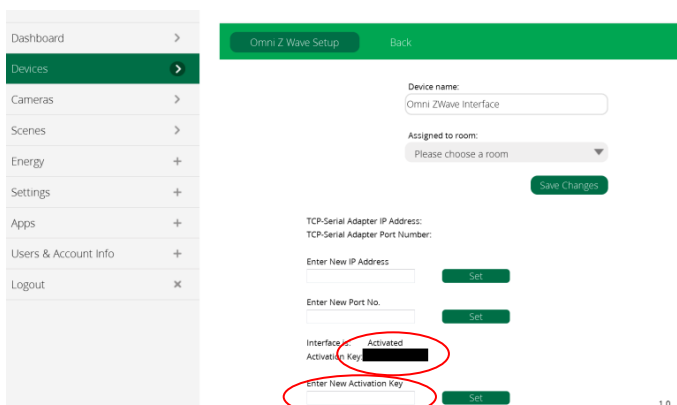
The screenshot shows the 'Omni Z-Wave Setup' page. On the left is a navigation menu with 'Devices' selected. The main content area has a green header with 'Omni Z-Wave Setup' and a 'Back' button. Below the header, there are fields for 'Device name' (Omni ZWave Interface) and 'Assigned to room' (Please choose a room). A 'Save Changes' button is present. Underneath, there are sections for 'TCP-Serial Adapter IP Address' and 'TCP-Serial Adapter Port Number', each with an 'Enter New' field and a 'Set' button. At the bottom, the 'Interface' status is 'Deactivated' and the 'Activation Key' is blank, both circled in red. There is also an 'Enter New Activation Key' field with a 'Set' button.

This screen allows you to configure the Interface for your Activation Key and for use over TCP if you have purchased the Omni Z-Wave TCP to Serial module. As you have purchased the Serial Connection Kit you do not add any details in the IP Address or Port Number boxes. These **must** remain blank. Connecting it to the serial cable is explained later. All that is required is to add the Activation Key.

6. Entering the Activation Key

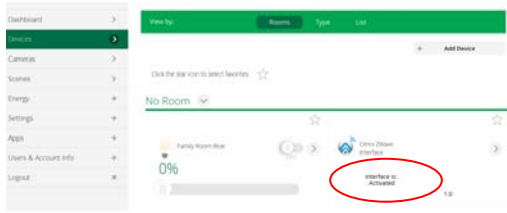
Go into the Omni Z-Wave Interface Setup Page under the Devices tab and enter the Activation Key into the new Activation Key box.

When you press the “Set” button, if the Activation Key is valid for your Vera, the Status will change to Activated.



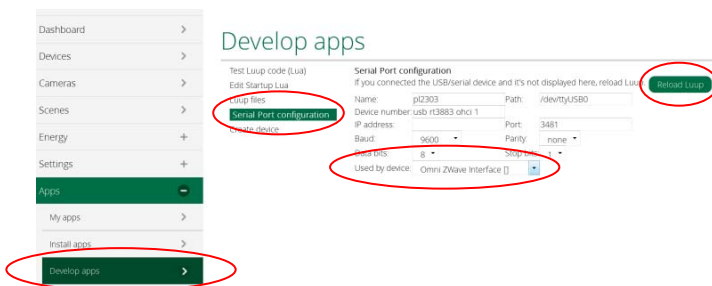
This screenshot is similar to the previous one but shows the 'Interface' status as 'Activated' and the 'Activation Key' field filled with a blacked-out key, both circled in red. The 'Enter New Activation Key' field and its 'Set' button are also circled in red.

Close the Setup page by pressing the Back button and you will notice that the Interface front page will also say Activated.



7. Linking the Plugin to the Serial Port

You now need to link the Serial Port to the Omni Z-Wave Interface. Press the “Apps” tab, then click on “Develop Apps” and select “Serial Port Configuration”.

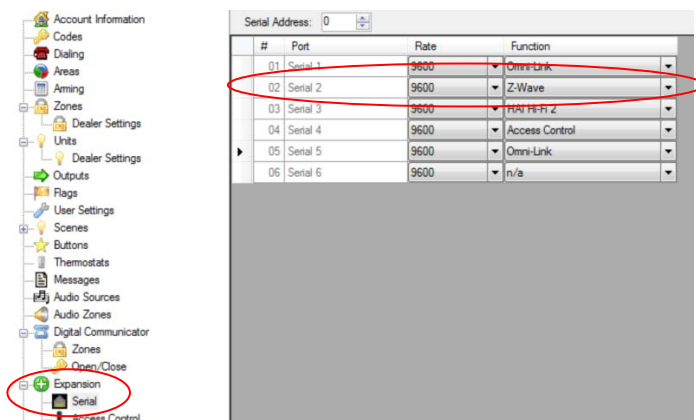


In the “Used by Device” drop down box select Omni Z Wave Interface. Then press the “Reload Luup” Button.

Congratulations!! You have set up the Controller to send and receive Z Wave commands and provide feedback to your Leviton automation controller. The next step is to get the Automation Controller to send the commands to the Vera.

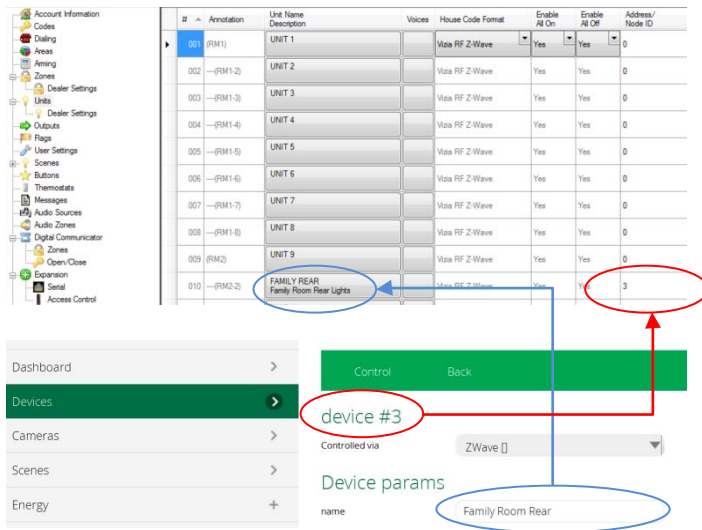
8. Configuring PC Access

Open the PC Access client file and in the left hand navigation bar select Expansion -> Serial. Select a spare serial port and change it to “ZWave”. Leave the baud rate at 9600.



8.1 Dimming, Relay, Roller Shutter Modules and Power Point Plugs

Select Units and change the House Code Format to Vizia RF Z-Wave. To link the modules or power point plug add the Device number of the module into the Address/Node column. To locate the device number go into the module within Vera, Press the right hand arrow and scroll down to “Advanced” and press it.



Save your PC Access file and upload it to the automation board. Congratulations!! You are all set up and you should now be able to control your Z Wave modules.

11.2 Access Control

In PC Access select Access Control from the left hand menu. Change the On the Reader row click on the Device Type and change the device type to Z Wave and add in the Device number of your lock.

