

Water Monitoring Pre-Configured Guide

Thank you for purchasing our JVA Water Monitoring System.

We have pre-configured your Water Monitoring System, so it is ready to go. This means the SIM card is pre fitted into the Wi-Fi dongle and it comes already paired with your inbuilt Wi-Fi gateway.

1. Please ensure that you put credit onto the SIM by following the information provided with the ALDI SIM card.
2. Open the unit, attach the external antenna and connect the red lead to the battery that has been provided.
3. Check the device is connected to the cloud, the Wi-Fi LED on the gateway will flash slowly.
4. Download the APP for your associated device.

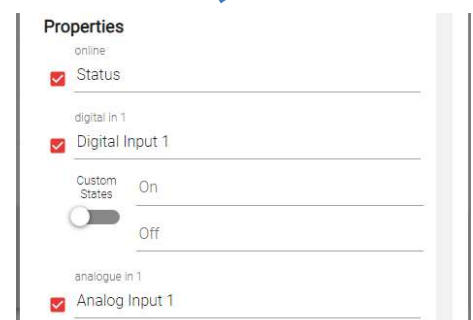
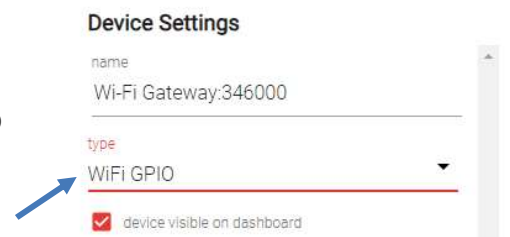
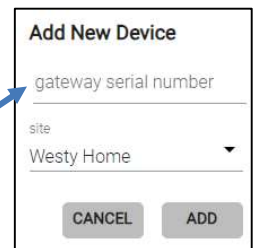
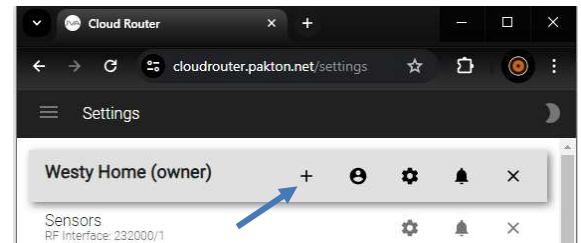
Android

Download the 'Cloud Router' App from the [Google Play store](https://play.google.com/store/apps/details?id=com.pakton.cloudrouter) and install it on your Android phone or device.

iOS Device

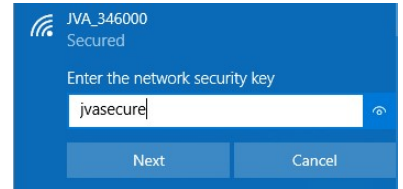
Download the 'Cloud Router' App from the [iTunes Apple Store](https://itunes.apple.com/au/app/cloud-router/id1442424242?mt=8) and install it on your iOS device.

5. Ensure you have registered an account at <https://cloudrouter.pakton.net/register>. The activation email may have gone to your junk folder.
6. Log into your cloud router account.
7. In the Cloud Router App, select the SETTINGS page and click on the + symbol on the site you want to add the Wi-Fi Gateway to. Type in the Serial Number of the Wi-Fi Gateway and click ADD.
8. The site will show the newly added Wi-Fi Gateway, unfortunately this needs to be changed to a Wi-Fi GPIO. Click on the Gear icon.
9. The Device Settings box will open. Click on the type to open the list, click "Wi-Fi GPIO" to change the setting. You can also Rename the unit to something that is more meaningful.
10. Once complete, click on the SUBMIT button.
11. Again, click on the Gear icon to open the settings for the GPIO.
12. As Input 1 is being used as an Analog signal, un-tick the Digital Input 1 box. You can rename the input by clicking on it.
13. Un-tick Inputs and Outputs 2-4. Rename Outputs 2-4 as "0".
14. Once complete, click on the SUBMIT button.
15. Click on DASHBOARD from the Menu/Tabs to see the Wi-Fi Gateway in the site.

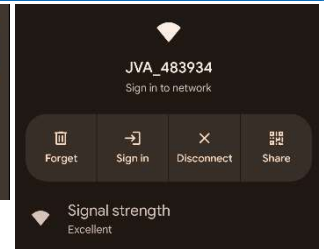
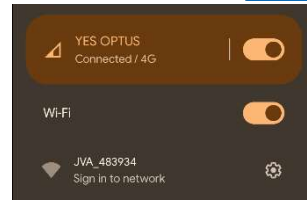


Customising Pre-Configured Settings

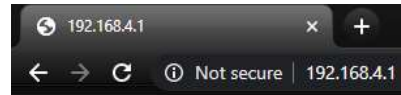
- To customise settings, connect to the Wi-Fi of the board using a Phone/Tablet/Computer.
The Wi-Fi Name will be JVA_ followed by the serial number of the



- A phone/tablet will request "Sign-In". Clicking on this will automatically open the Browser to the correct location. The Virtual Keypad Main screen will appear.



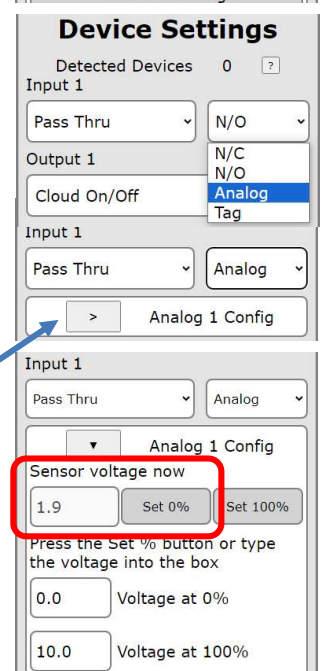
- Open a Browser App and in the address bar, enter http://192.168.4.1



- The Browser should start to display the Virtual Keypad Main screen. If it does not load correctly, refresh the page using the Reload Button or swipe down in most phone browsers.



- The Main Menu has 4 buttons listed. Press the Device Settings button.
- When the Device Settings Page opens, scroll down to Input 1. It should be configured as Pass Thru and Analog. If not, click on the right box. This will display a list of options. Click on Analog.



- The Analog 1 Config section will be visible, click on the right arrow button to open the settings.
- "Sensor voltage now" is the current reading. In the Voltage at 100% box, enter the expected height of water in the tank to just below the overflow outlet. If the tank is 3 meters and the bottom of the overflow is at 2.8m, enter 2.8.

- To change the Wi-Fi access point, press Wi-Fi Settings from the main menu. Click scan to search for the new access point. Then select the new access point and enter the password. Click connect to save settings.

