ONYYX WIRELESS DC RELAY

Features

- **Works with the Onyyx system**
- **Allows you to Trigger LEDs, Sirens, Maglocks, Spot-lights Gates, Garages, Electric Fences and Contact ID Radios**
- **Pulse and latch options**
- **Supports the Xwave2 lite protocol**
- **Status reporting to Onyyx system**

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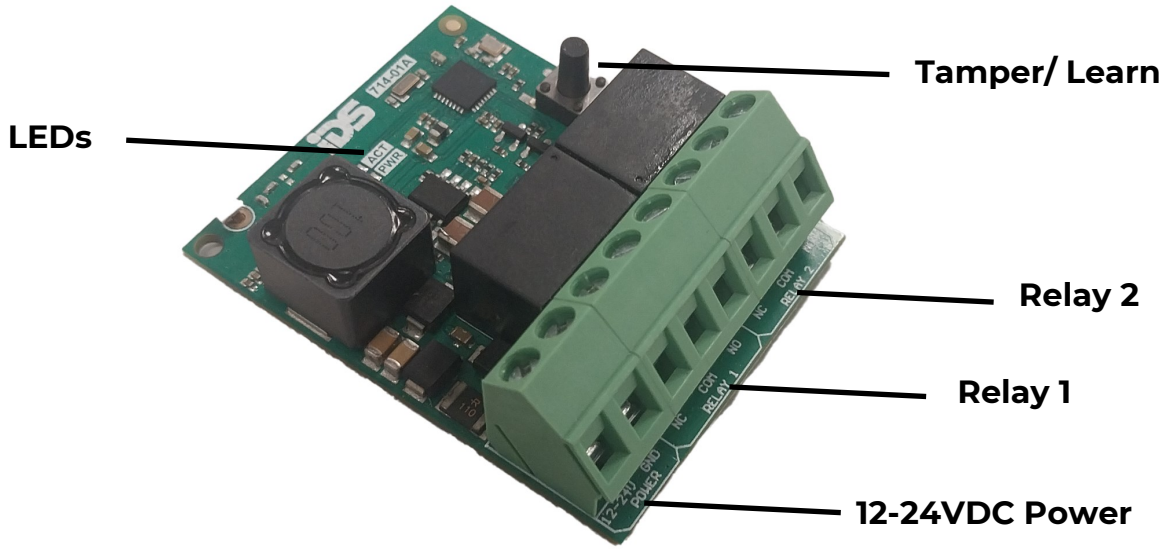

Installation Instructions for DC Relay:

Connect the Device to Power Source:

- Connect the device to be controlled through the DC Relay, ensuring the negative connection of the device is routed through the relay. Please refer to the wiring diagram for clarity.

Power Input for DC Relay:

- Supply the DC Relay with a 12-24VDC power source. This can either be a dedicated power source or the same power supply used for the device you are switching.

Final Assembly:

Once the connections are made, carefully place the cover on the DC Relay, ensuring that the antenna is positioned as straight as possible for optimal performance.

Important:

Polarity Warning: Ensure correct polarity when wiring the **12-24VDC power connections** to avoid damage. Follow the specified positive (+) and negative (-) or (GND) connections carefully.

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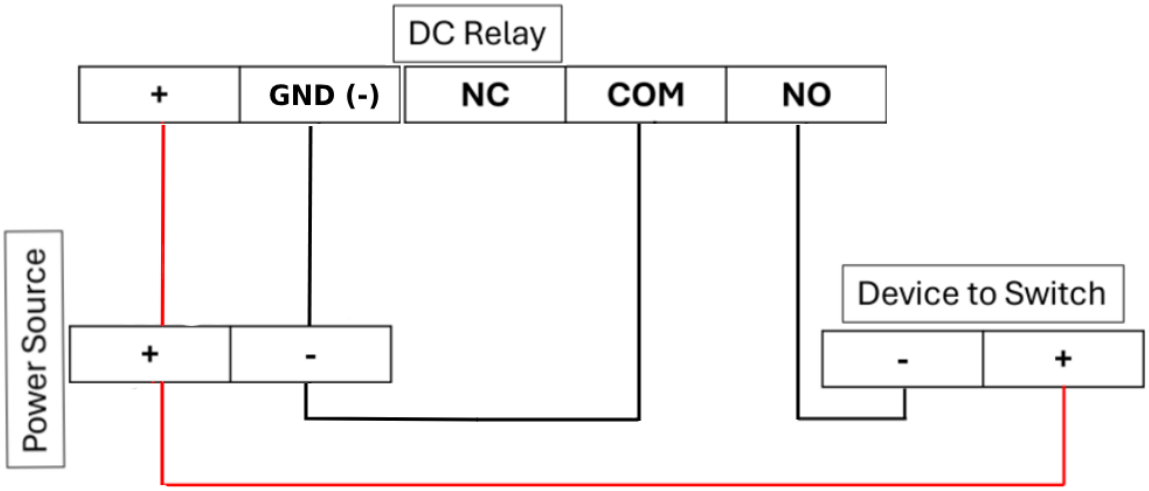


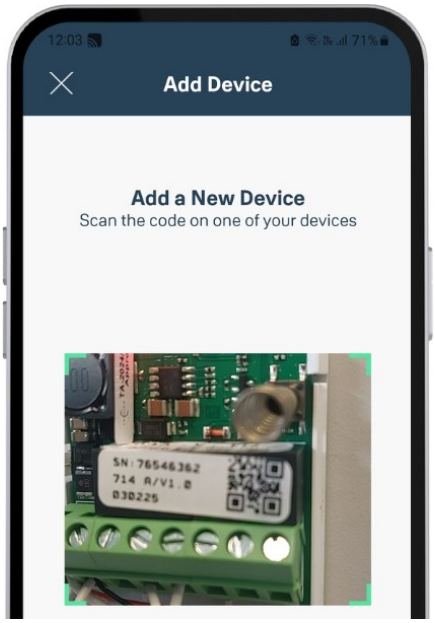
Xwave² DC Relay LEDs

There are two LEDs to indicate the status of the DC Relay:

- **PWR LED:** Will illuminate when there is power to the Wireless DC Relay
- **ACT LED:** Will blink when there is an RF message being sent or received.

Learning the Xwave² DC Relay

Learn the DC Relay to the Onyyx app by scanning the QR code.



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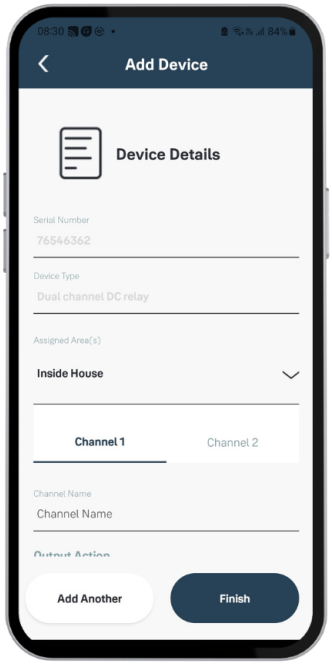
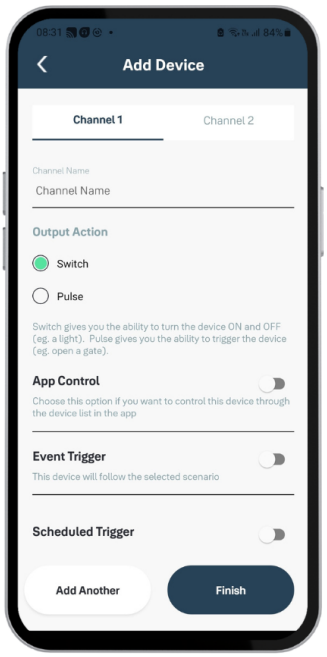


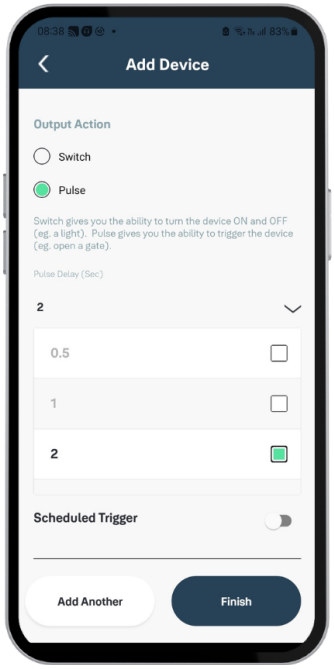
On the device details page, Select the area that the DC relay will belong to.

Give your channel a name and select the output action.

Switch: Gives you the ability to turn a device ON and OFF

Pulse: Gives you the ability to trigger a device. You also need to select the pulse time that you want the device to be triggered for





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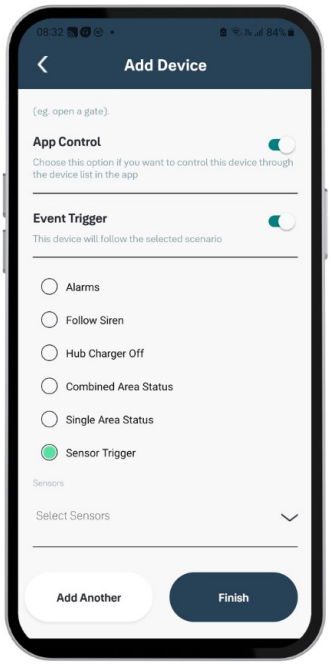
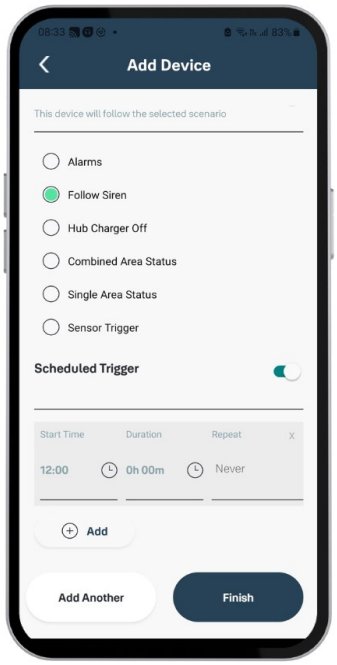


App Control : You can select to trigger the relay using the app.

Event Trigger: You can choose to select which event will trigger the relay



Scheduled Trigger: You can choose to schedule a trigger for a specific time and repeat it for specific days.

There is also an option to add multiple schedules

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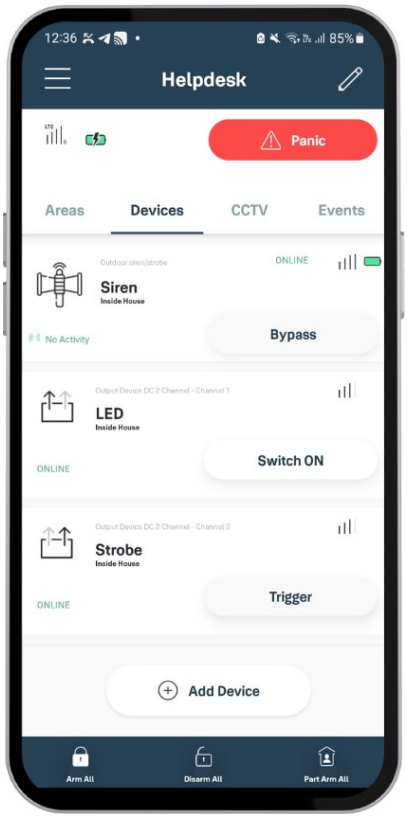
Once done, Click on Finish then your DC Relay channels will show on the device list



Technical Specifications

Power Input	12-24VDC
Standby Current	2.2mA at 13.8VDC
Max Current	59.5mA at 13.8VDC
Relay Rating	5A at 30VDC
RF Range	Up to 500m