



# UC11-N1

## Quick Start Guide



## Welcome

Thank you for choosing Ursalink UC11-N1.

This guide will teach you how to install the UC11-N1 and how to connect to Ursalink Cloud. Once you complete the installation, refer to the Ursalink UC11-N1 User Guide on how to perform configurations on the device.

## Related Documents

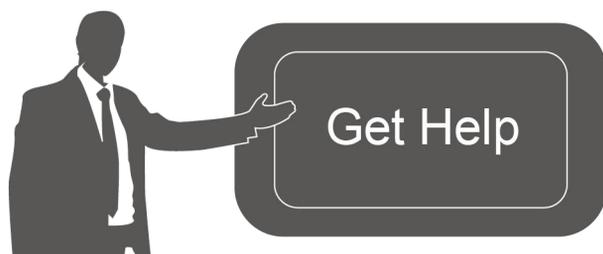
This Start Guide only explains the installation of Ursalink UC11-N1. For more functionality and advanced settings, please refer to the relevant documents as below.

Document	Description
Ursalink UC11-N1 Datasheet	Datasheet for the Ursalink UC11-N1.
Ursalink UC11-N1 User Guide	Users can refer to the guide on how to configure all the settings.

The related documents are available on Ursalink website: <http://www.ursalink.com>.

## Declaration of Conformity

Ursalink UC11-N1 is in conformity with the essential requirements and other relevant provisions of the CE, FCC, and RoHS.



For assistance, please contact  
Ursalink technical support:  
Email: [support@ursalink.com](mailto:support@ursalink.com)  
Tel: 86-592-5023060  
Fax: 86-592-5023065

## 1. Packing List

Before you begin to install the UC11-N1, please check the package contents to verify that you have received the items below.

### 1.1 Package Contents



1 × UC11-N1 Device



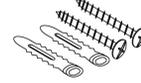
2 × Data Cable



1 × USB Cable



1 × Magnet



Setscrews



1 × Warranty Card

### Optional Accessories



2 × Pole Mounting Kit

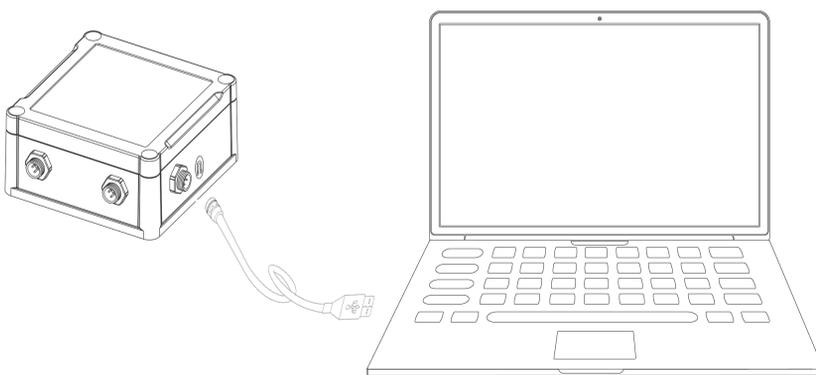


If any of the above items is missing or damaged, please contact your Ursalink sales Representative.

## 2. Hardware Installation

### 2.1 USB Configuration

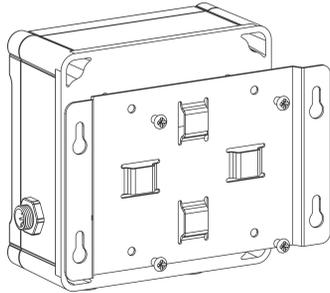
Connect UC11-N1 with laptop via USB cable.



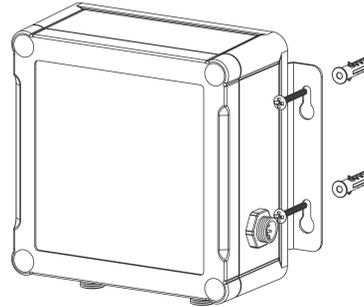
## 2.2 Mount the UC11-N1

### Wall Mounting

A. Mount the enclosure to the mounting bracket with screws.

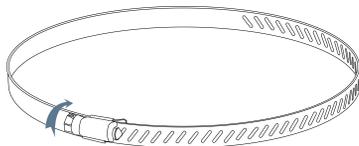


B. Mount the mounting bracket horizontally to the wall by fixing the screws into the wall plugs.

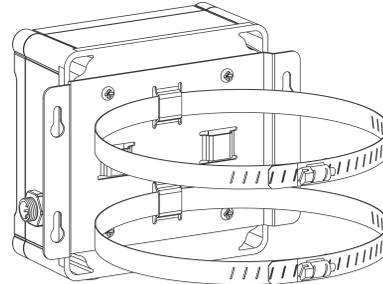


### Pole Mounting

A. Mount the enclosure to the mounting bracket with screws.



B. Straighten out the hose clamp and slide it through the rectangular holes in the mounting bracket, wrap the hose clamp around the pole.

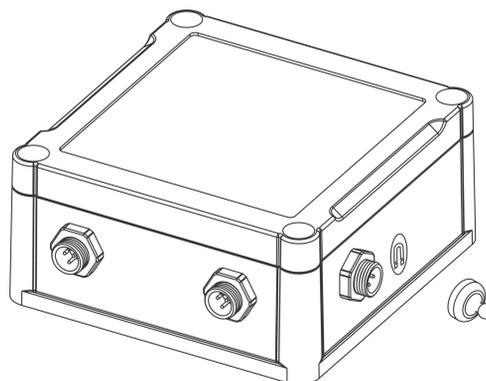


## 2.3 Turn ON/OFF UC11-N1

Place the magnet on the sign “U” to turn on/off UC11-N1.

Power on: Beep for 2 seconds

Power off: Beep for 6 seconds



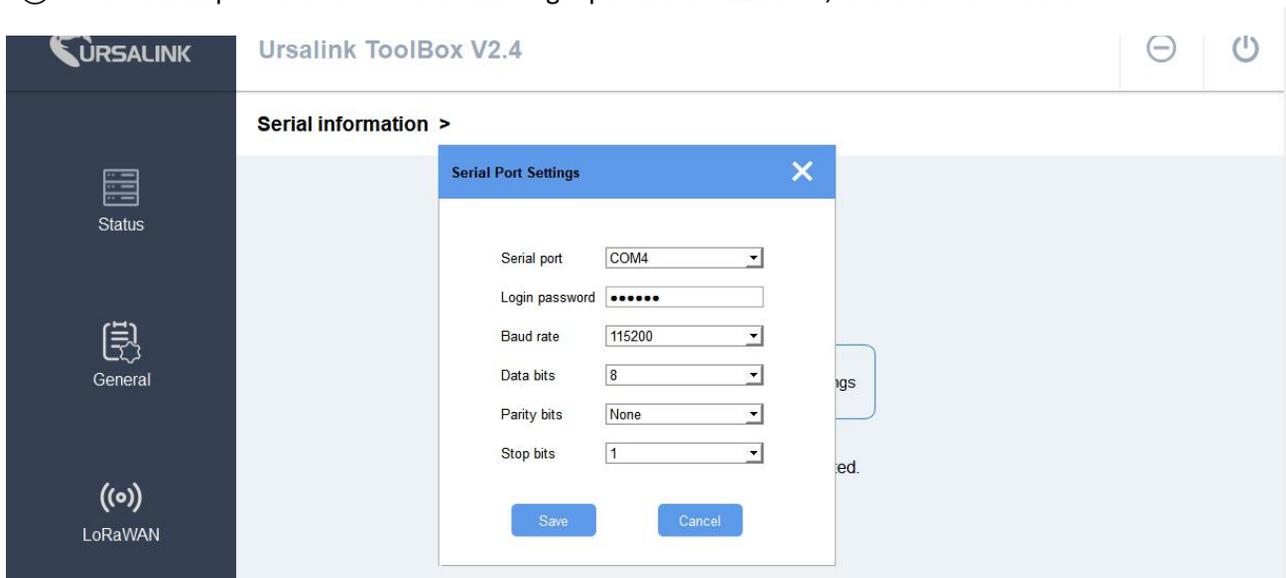
## Getting Started

### 4. Connect to Ursalink Cloud

#### 4.1 Configure UC11-N1 via Toolbox

Please connect PC and UC11-N1 directly via USB ports and open the Toolbox.

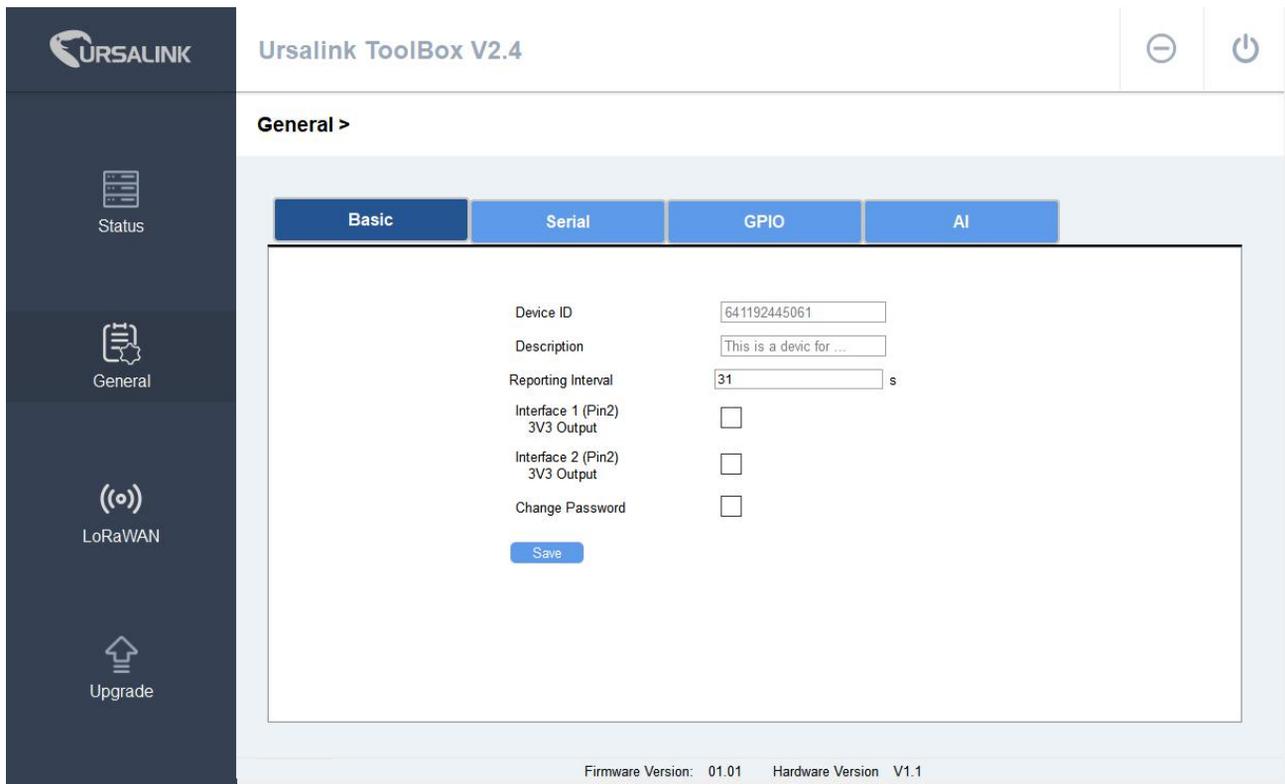
- ① Select Serial port and fill in the default login password: "123456", and then click "Save".



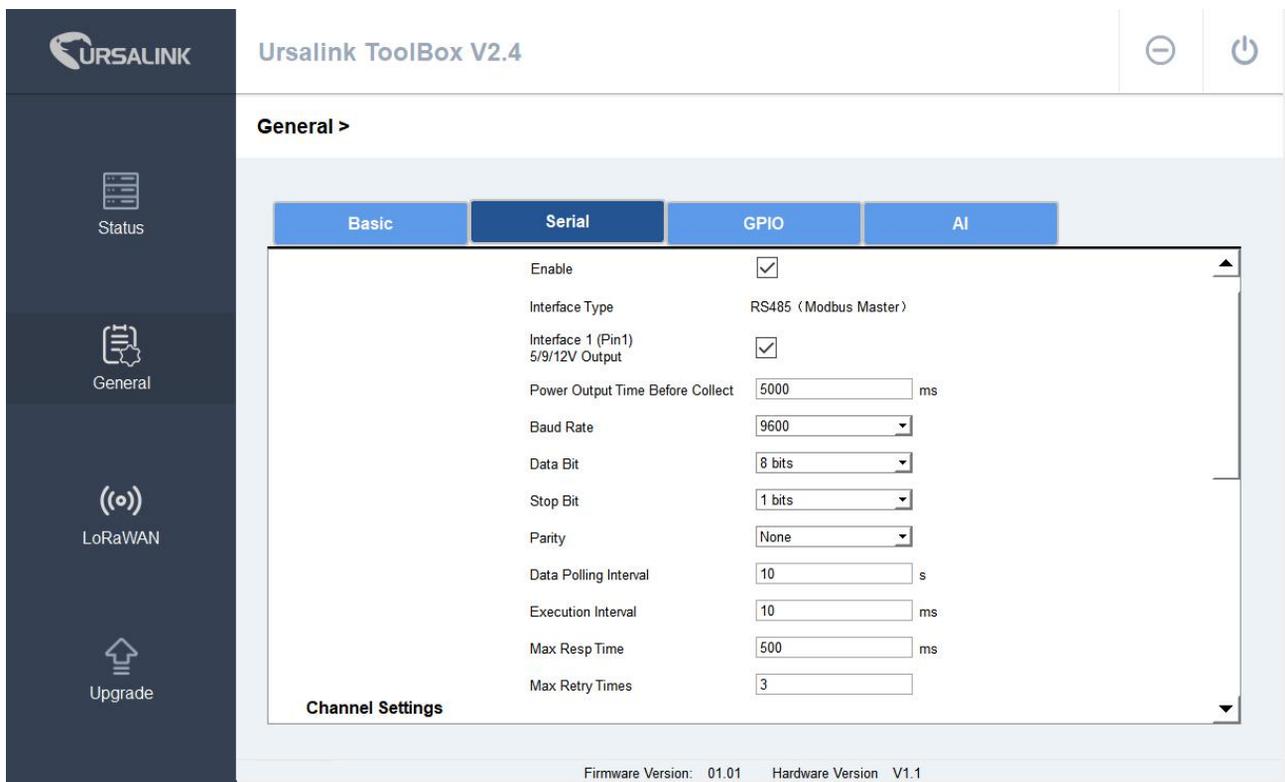
- ② Click "Status" to check property of UC11-N1.



- ③ Click "General/Basic" to configure the "Reporting Interval".



④ Click “General/Serial” to configure RS485 property and channel.





In this Quick Start Guide, UC11-N1 connects with two equipment (light sensor and wind speed sensor), both sensors use Modbus RS485.

**Sensor property**

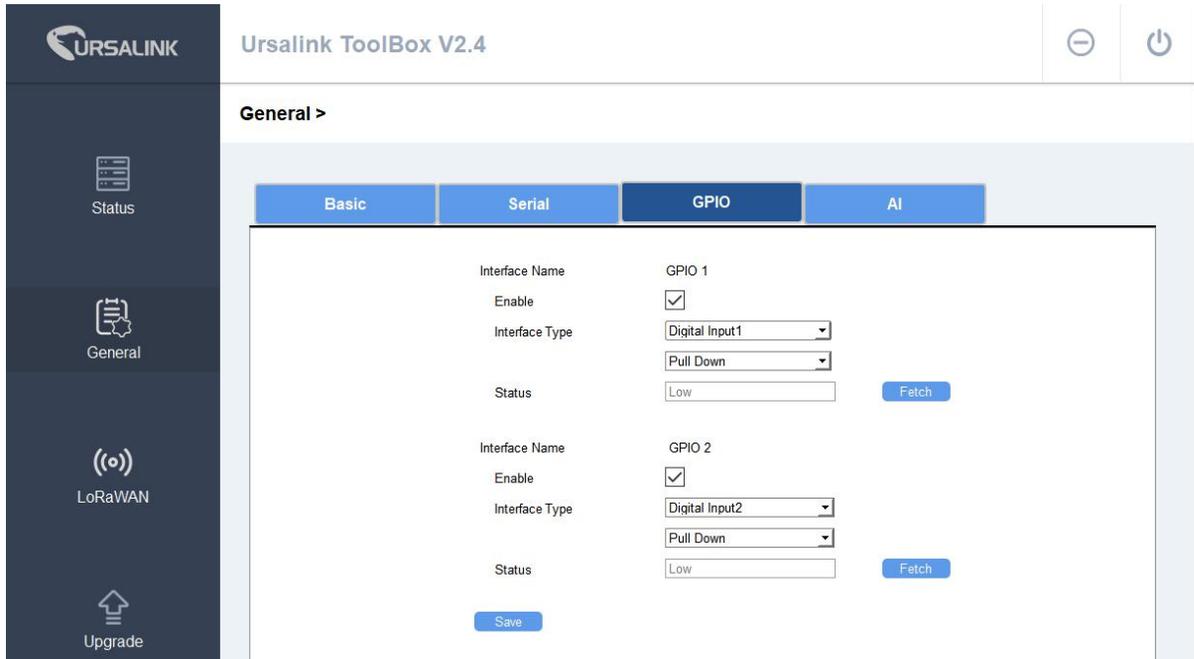
Sensor	Serial Port	Slave ID	Register	Type
Light Sensor	9600 8N1	1	6	Holding Register (INT16)
Wind speed sensor	9600 8N1	2	0	Holding Register (INT16)

**Wiring**

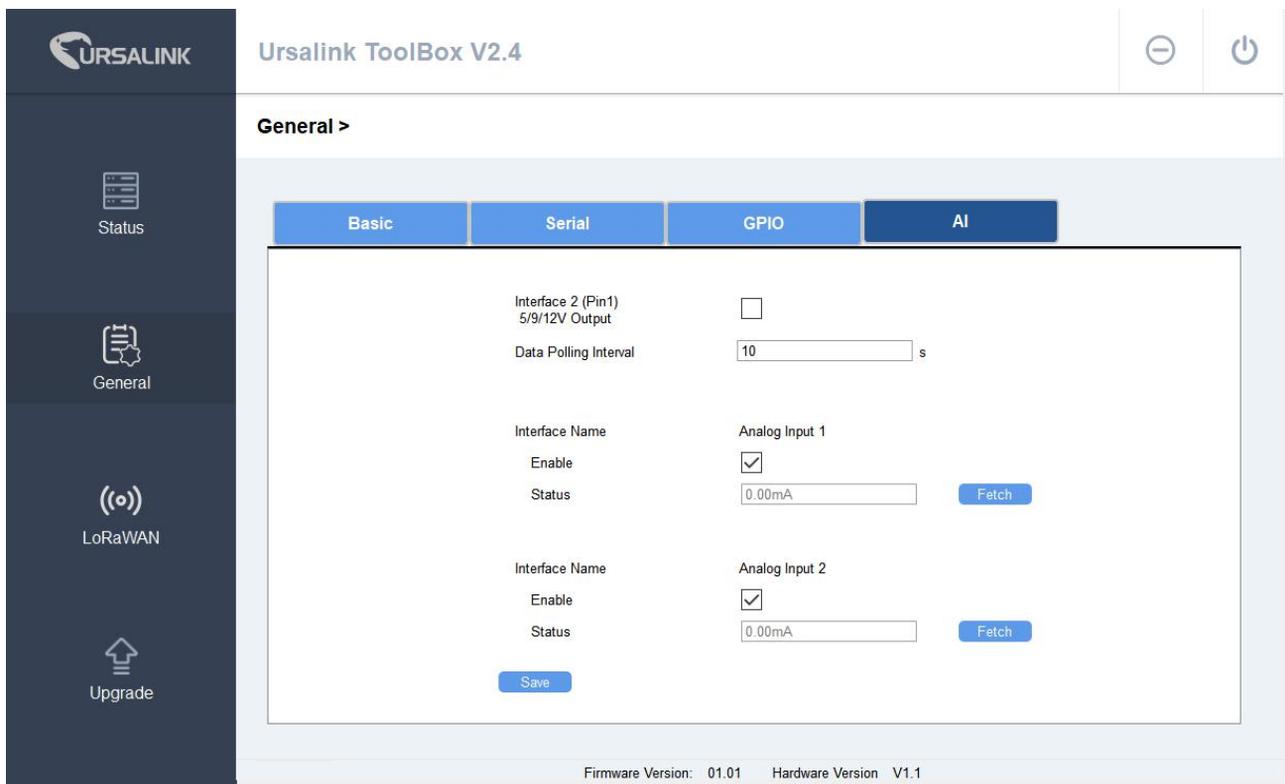
<b>UC11-N1</b>	Orange (12V/9V/5V)	Brown (V+)	<b>Sensors</b>
	Black (GND)	Brown (V-)	
	Green (A)	Green (A)	
	Yellow (B)	Blue (B)	

**Note:** UC11-N1 provides power for these two sensors. Therefore before collecting data, UC11-N1 will provide power for the sensors for 5 seconds as default.

⑤Click “General/GPIO” to configure digital input and output.



⑥ Click “General/AI” to configure analog input.



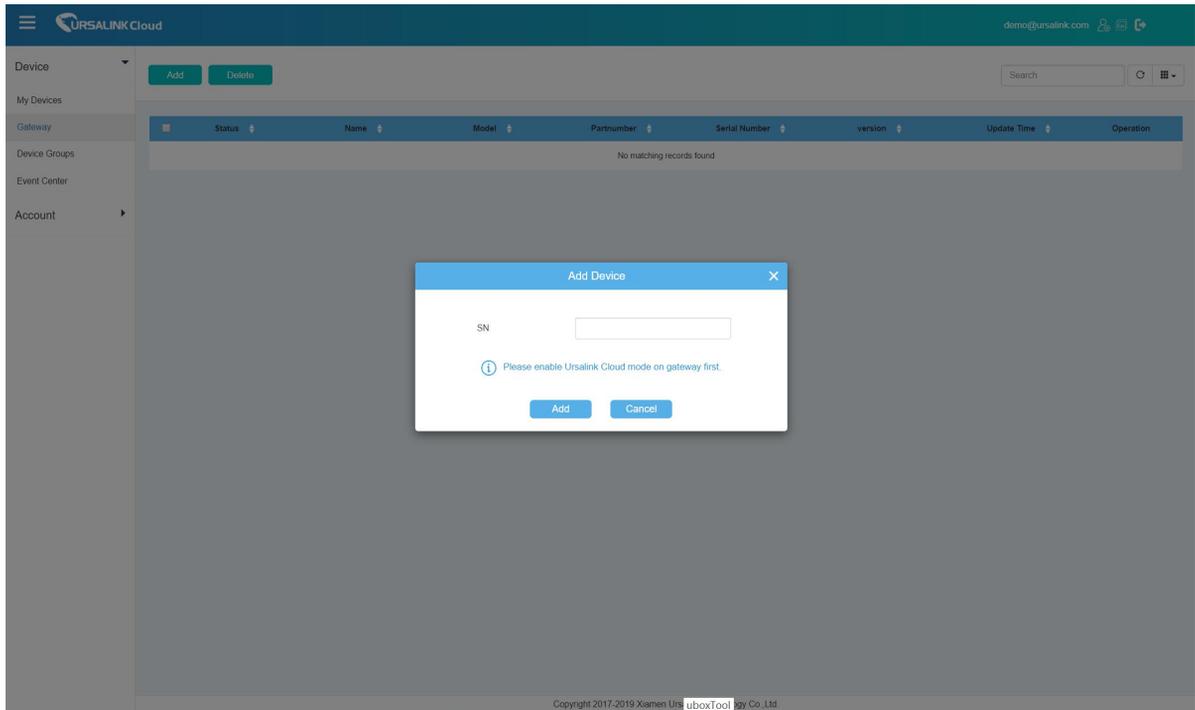
## 4.2 Ursalink Gateway Configuration

Enable network server and mode as “Ursalink Cloud”.

## 4.3 Ursalink Cloud Configuration

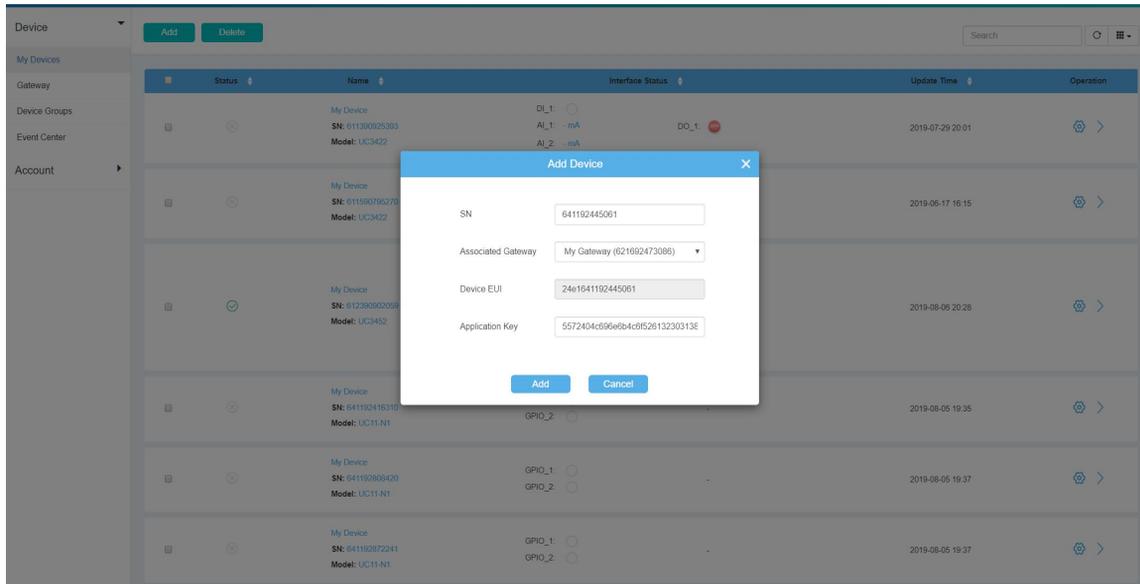
- 1 Register an Ursalink cloud account

② Log in Ursalink Cloud and go to “Gateway/Add” to fill in the gateway SN and click “add”.

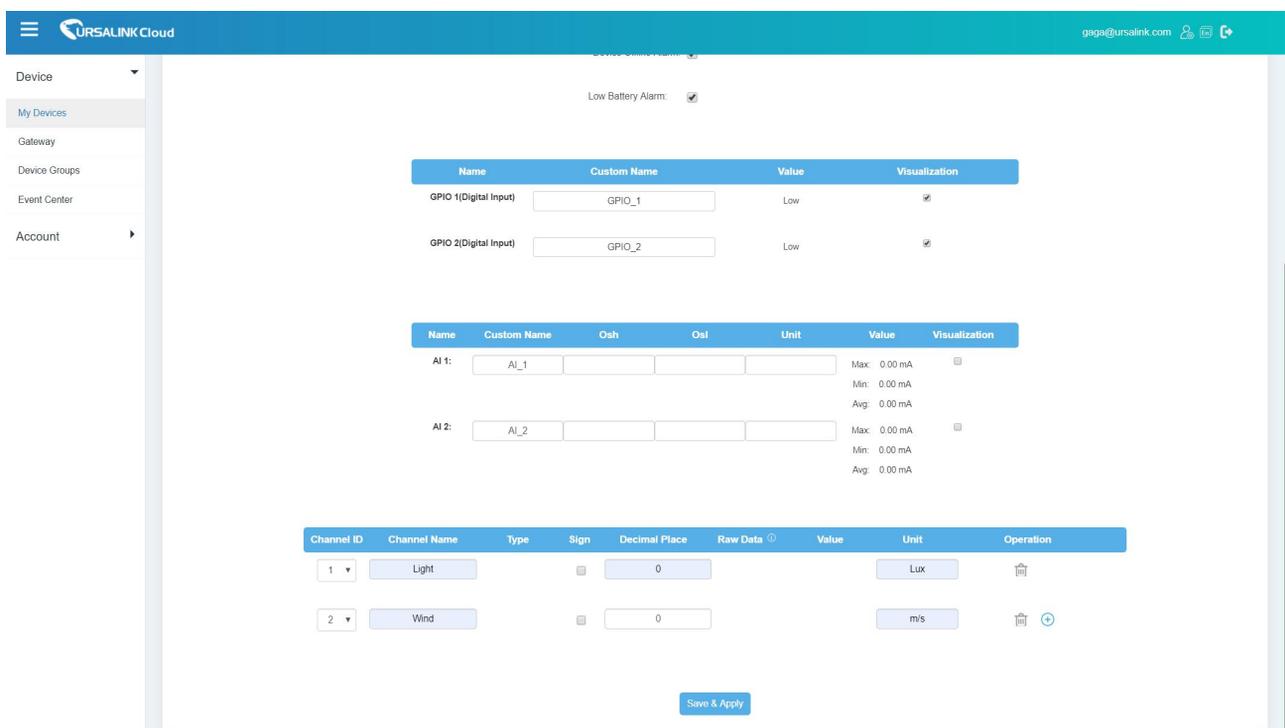


Status	Name	Model	Partnumber	Serial Number	version	Update Time	Operation
⊗	My Gateway	UG87-L00E-W-G-EU868	L00E-W-G-EU868	621692473086	Firmware 80.0.0.24 Hardware V2.0	2019-08-05 19:37	⚙️
⊗	My Gateway	UG85-L00E-G-US915	L00E-G-US915	621791878976	Firmware 80.0.0.24 Hardware V1.0	2019-08-05 19:37	⚙️
⊗	My Gateway	UG85-L00E-G-EU868	L00E-G-EU868	621791898699	Firmware 80.0.0.20 Hardware V1.0	2019-07-24 10:23	⚙️

③ Go to “My Devices” and click “add”. Fill in the SN of the UC11-N1 and select associated gateway.



④ Click  to configure the UC11-N1 from Ursalink cloud and add channel for the Modbus.  
**Note:** Channel name should be as same as the one set in UC11-N1.



⑤ Check "Data" that connects with UC11-N1.

The screenshot displays the URSALINK Cloud interface with a sidebar on the left containing navigation options: Device, My Devices, Gateway, Device Groups, Event Center, and Account. The main content area shows a list of devices. The first device (SN: 641192416310) has a graph for RSSI and battery levels. The second device (SN: 641192445061) has a graph showing data for AI\_1, AI\_2, GPIO\_1, GPIO\_2, CHN\_1, and CHN\_2. The third device (SN: 641192808420) and the fourth device (SN: 641192872241) are also listed with their respective details and graphs.

**Note:** For More details, please refer to the UC11-N1 user guide.

[END]