ibiot C-sensor LoRa user manual

The ibiot C-sensor is designed to measure, collect, and send usage and alert data from battery-powered devices such as liquid dispensers, paper towel dispensers, and other standard battery-powered devices.

Check in the library https://ibiot.io/#devices to see if your device is not in the library, you can suggest a new model for pairing. The sensor counts your device's usage events and battery volatge and then sends it via LoRaWAN to the cloud, where supply consumption and battery power are tracked, sending low level/empty alerts when applicable. Most of the time, the sensor is in "sleep mode," so power consumption is close to zero. The sensor "wakes up" only in case of an alert or if the status update transmission time occurs.

When a consumption event in device for example, a dispenser occurs during "sleep mode," it is counted and saved in the sensor's memory. When a status update transmission time occurs, a cumulated events count will be sent. In instances when the battery power drops below the user-defined minimum voltage level, the sensor will send a real-time alert.

How to use:

1. Insert AA-sized 1,5 V battery inside the sensor, ensuring that the positive (+) and negative (-) terminals are connected correctly.

2. Register and claim your sensor from: welcome.ibiot.io

3. Complete the onboarding from our welcome.ibiot.io site.

4. Put the sensor inside the desired device, ensuring that the positive (+) and negative (-) terminals are connected correctly.

5. Replace the battery when the sensor sends a critical battery alert.

Warning!

Do not expose the sensor to continuous direct sunlight.

Do not put the sensor in a humid environment; not over 65% relative humidity.

Keep out of reach of children!

Do not put it in the fire!

Do not throw away, recycle in the proper way!

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