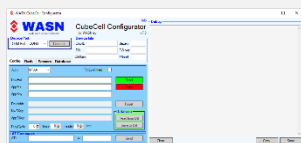


OutdoorNode



Description

This watertight Node includes a 3000mAh LiPo battery, which can be charged with an external solar panel.

This waterproof node has a built-in 3000mAh LiPo battery and is designed for outdoor use.

The node is equipped with a BME680 and BH1750 sensor.

The BME680 sensor measures temperature, humidity, air pressure and the air quality index, and the light intensity is also measured.

An additional, external sensor and a switch contact can be connected.

An external antenna can also be connected for areas with poor radio coverage.

Configuration is done with our WASN Configurator software for Microsoft Windows.

Specifications

- Timer and interrupt triggered measurement
- Integrated 3000mAh LiPo battery
- Solar charge option
- IP67 rated casing
- Complete modular design

Technical details

- based on an ASR650x MCU
- DeepSleep current of 16uA
- 1 internal BME680 sensor
- 1 external sensor interfaces with IIC

Supported Sensors:

- | | |
|--------------------------|----------------------------|
| • Temperature, Humidity | • Wind speed and direction |
| • Air pressure | • Vibration |
| • Soil moisture | • Magnetic field |
| • Leaf wetness | • Different gases like CO2 |
| • UV and light intensity | • ... |