Wind speed and direction sensor

WSS-02

Overview:

WSS-02 is a RS485 wind speed and wind direction monitor designed for weather station solution.

WSS-02 shell is made of polycarbonate composite material, which has good anti-corrosion and anti-corrosion characteristics, and ensure the long-term use of the sensor without rust. At the same time, it cooperates with the internal smooth bearing system to ensure the stability of information collection .

Users only need to connect WSS-02 RS485 interface to WSC1-L. The weather station main processor WSC1-L can detect and upload the wind speed and direction to the IoT Server via wireless LoRaWAN protocol.

Features:

- RS485 wind speed / direction sensor
- PC enclosure, resist corrosion

Specification:

- Wind speed range: 0 ~ 60m/s
- Wind direction range: 0 ~ 360°
- Start wind speed: ≤0.3m/s
- Interface: RS485
- Accuracy: ±（0.3＋0.03V）m/s , ±1°
- Input Power: DC 5~24v
- Working Temperature: -30℃～70℃
- Working Humidity: <100% (no dewing)
- Power Consumption: 13mA @ 12v.
- Cable Length: 2 meters

Order Part #- WSS-02