UbiBot Wind Speed
Sensor (0-30m/s) 3m cable for WS1 Pro & GS1

SKU: UBIBOTWS
Manufacture Warranty period: 12 months
Country of Origin: China

Measuring Range: 0-30m/s

Descriptions

Wind Speed Sensor is an industrial-grade probe that can monitor the speed of the wind in various types of environments with high precision. The probe comes with a Micro USB works with WS1 Pro & also with a 3.5 mm audio plug works with GS1 and SP1 series.
The data collected by the probe is sent from the internal chip of the sensor to UbiBot devices through the modbus-RS485 interface. The data is displayed on the LCD screen and synced to UbiBot Cloud Platform via the WiFi/GSM/Ethernet network. You can access the data both instantly on the screen and remotely via the UbiBot App or Web Console.

Features

- This sensor has compact size and high measurement accuracy
- Quick response and good interchangeability
- Simple and easy installation

Applications

- Aquaculture Farm
- Farm Shed
- Oil Refinery Plant
- Underground Wind Tunnel

Specification

Measuring Range:	0 to 30m/s
Measuring Accuracy:	±(0.3 + 0.03 V) m/s, "V" means wind speed
Response Time:	<1s
Working voltage:	5V to 24V DC
Stabilization Time:	<1s
Cup Diameter:	Φ54mm
Base Diameter:	Φ79mm
Total Height:	177mm
Overall Dimension:	Φ220 x 177mm
Operation Temperature Range:	-30°C to +70°C (-22°F to +158°F)
Operating Humidity Range:	15% to 85%RH
Cable length:	3m
Connector:	3.5mm Audio Plug for GS1
	Micro USB for WS1 Pro
Communication Protocol:	RS485
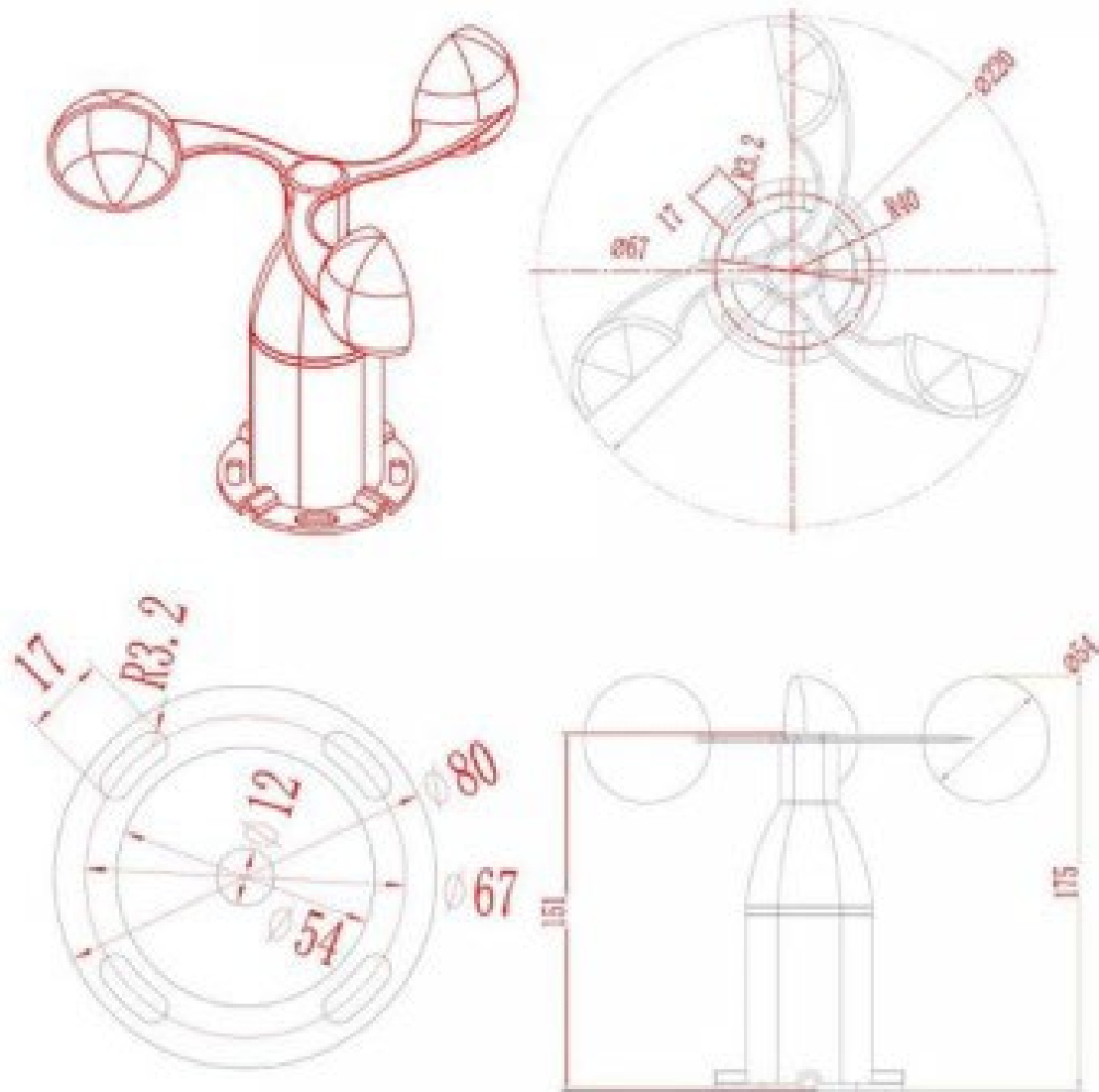
Cautions

1. Please check that the packaging is intact and that the sensor model and specifications match your purchased product.
2. The sensor cannot be wired with electricity. The power can be turned on only after the connecting line has been checked with no issue.
3. Users should not alter the components and wires which have been soldered.
4. The sensor is a precision device, so please do not disassemble it yourself when using it.
5. Avoid sticky particles going inside the sensor and prevent moisture from affecting the measurement performance.