

Ultrasonic Wind Speed and Direction Sensor WS-204



Non-contact magnetic sensor measuring principle, high accuracy and reliability;
 strong wind resistance, strong corrosion resistance;
 Wide wind speed measurement range, with low starting wind speed;
 Compact design, automatic heating , low temperature defrosting;
 Sensor circuit protection with fault-tolerant capability;
 Meet CE EMC standard, multi-levels for anti-lightning anti-surge design

Product Description

WS-204 ultrasonic wind speed and direction sensor uses the ultrasonic time difference method to measure the wind speed and direction. ultrasonic wind speed and direction sensor has high measurement accuracy, reliable performance, convenient portability, no moving parts, and no maintenance and on-site calibration. It is a more advanced instrument for measuring wind speed and direction.

Technical Parameters

Wind Speed Parameter	
Measuring range	0~60 m/s
Starting wind speed	0.1m/s
Response time	1s
Resolution 0.1m/s	0.1m/s
Accuracy	±0.3m/s or ±3% (0-30m/s, whichever is greater) ±5% (30-60m/s)
Wind direction Parameter	
Measuring range	0-360°
Starting wind speed	0.1m/s
Accuracy	±2
Resolution	0.1
Basic parameters	
Digital signal	RS485 4-20mA 0-5V
Baud rate	9600, 19200, 38400, etc.
Power supply	9-24VDC
Average current	<35mA (12VDC)
Operating temperature range	-20~60°C
Operating humidity range	0~95%RH
IP Grade	IP66

External structure

