

# Ultrasonic Anemometer UA300



Ultrasonic wind speed Wind direction sensor, also known as ultrasonic wind speed and wind direction meter, ultrasonic wind speed and direction meter, is a wind speed and direction measuring instrument developed based on the principle of ultrasonic wave, and calculates the difference of time or frequency (Doppler shift) Wind speed and direction. The sensor can simultaneously measure the wind speed, wind instantaneous values, The Sensor shell with high quality ABS material, with light weight, no moving parts, durable features, and without Maintenance and field calibration, can output wind speed and direction at the same time.

## Technical Parameters

### Wind speed

Range: 0 ~ 60m / s

Accuracy:  $\pm 0.5 + 2\%FS$

0.5m/s Starting Wind Speed

### Wind direction

Range: 1 ~ 360 °

Accuracy:  $\pm 3^\circ$

Output: RS485 modbus

Power supply: 9V ~ 30VDC

Power consumption: 1.2 W

Working Environment: -40 to 80 °C ,0 to 95% RH

Dimensions: Diameter 110 mm Height 200 mm