



# A70H-USD1

## Ultrasonic Wind Sensor

A70H-USD1 is a lightweight economical high precision wind speed and direction sensor designed for meteorological, research, industry, aviation, environmental, oceanographic, agricultural and transportation monitoring.



Technical Specifications		
Power Supply	12-24VDC	
Power Consumption	24V@60mA	
Output Signal	RS232/RS485(Modbus/NMEA-0183), 0-5V, 4-20mA	
Operating Temperature	-30° - +70° C	
Ingress Protection	IP65/NEMA4	
Heating Power (optional)	3W	
Electronic Compass	Optional	
Atmospheric Pressure	Optional (150-1100 hPa)	
Dimensions	145mm*138mm	
Weight (unpacked)	.8kg	
Main Material	ABS Engineering Plastic	
Technical Specifications		
	Wind Speed	Wind Direction
Range	0-45m/s, 0-60m/s	0-360°
Resolution	0.01m/s	1°
Accuracy	≤ 10m/s : ±0.2m/s >10m/s : <±2% the current value	±3°
Starting Threshold	0.1m/s	0.1m/s
Maximum Wind Speed	60m/s	