

ULTRA-LOW-POWER ULTRASONIC SUMMIT HEATED WIND SENSOR

Power: 12 VDC (Heating) and 3.3-18 VDC
(Wind Meter)

Information Given:

- Wind Speed

Range: 0.5 - 45 m/s (1.12 to 100 mph)
or 0 - 25 m/s (0 to 56 mph)

Accuracy: 0.1 m/s at 10 m/s (0.22 in.
at 22 mph)

Threshold: 0.5 m/s (1.12 mph)

- Wind Direction:

Range: 0- 359°

Accuracy: $\pm 1^\circ$ RMS at 10 m/s
(22.37 mph)

Measurement:

- Power Consumption

(MODBUS) 0.25 mA at 38,400 bauds,
1 Hz (5V)

(RS485) 0.25 mA at 38,400 bauds, 1
Hz (5V)

Baudrate: 1,200 to 115,200 (8n1) bauds

Output rate: 0.1 to 10 Hz

Output units: m/s, Knots, or Km/h

Material Heated Machined Aluminum



Easy Mount

- 3xM4 lateral female tripod thread - UNC1/4"-20
- 3xM4 inferior female tripod thread - UNC1/4"-20

Sensor: Ultrasonic Transducers (4x)

Dimensions: Diameter: 70 mm (2.76 in.)
Height: 83 mm (3.27 in.)
Weight: 418 grams (14.7 oz.)

Environmental:

- IP Protection IPX8

- Temperature Range

-40/60° C (-40/140° F)

Firmware Upgradable (Configurable via cable)

Data Output:

-RS485 / MODBUS RTU -Stream or Poll

