

## 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:** **SKU**

**-RS485 / Stream or Poll CMI1031**  
**MODBUS**

If you require a cable length longer than 20 meters (MODBUS), we can provide support. Please contact our technical support team for assistance.

