

**ULTRA-LOW-POWER ULTRASONIC
WIND SENSOR (ULP STD)**

Power: 3.3 - 18 VDC

Information Given:

- Wind Speed

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

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

Threshold: 1 m/s (2.24 mph)

- Wind Direction:

Range: 0- 359°

Accuracy: ±1° RMS at 10 m/s (22.37 mph)

Measurement:

- Power Consumption

(UART) 0.15 mA at 38,400 bauds, 1 Hz (5V)

(RS485) 0.25 mA at 38400 bauds, 1 Hz (5V)

Baudrate: 2,400 to 115,200 (8n1) bauds

Output rate: 0.1 to 20 Hz

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



Easy Mount

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

Sensor: Ultrasonic Transducers (4x)

Dimensions: Diameter: 68 mm (2.68 in.)
Height: 65 mm (2.55 in.)
Weight: 210grams (7.4 oz.)

Environmental:

- IP Protection IPX8

- Temperature Range

-15/55° C (5/131° F)

Firmware upgradable. Configurable via cable.

Data Output:

- RS485 (NMEA 0183) -Stream or Poll

-Modbus -Poll

- UART (NMEA 0183)

- DAVIS compatible

- 4-20mA

