Ultraschall Windsenor





Self powered bluetooth 4.1 ULTRASONIC windmete

Rating: Not Rated Yet
Price
543,90 €

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Description

BLE Windsensor

This self powered bluetooth 4.1 ULTRASONIC windmeter can work for 29 days without charging while measuring, and an entire year in sleep mode thanks to its solar panel.

Built with ULTRASONIC sensors, it will provide you with one of the greatest accuracies we have ever achieved in an anemometer. Allowing a continuous measurement of wind speed and direction.

Technical Specifikations:

- Wind Speed
    - Range: 0 - 25 m/s
    - Resolution: ±0.1 m/s at 10m/s
- Wind direction
    - Range: 0 - 360º

    - Resolution: ±1º
- Sensors
    - Ultrasonic transducers (4x)
    - Sample rate: 1, 4, 8 Hz
    - Secondary sensors: Thermometer, Gyroscope, Accelerometer
    - (Accuracy may vary depending upon the App used, its release and the firmware version)
- Power
    - Solar panel, internal battery, automatic power management.
    - Autonomy with no sunlight: in sleep mode up to 1 year, while measuring up to ~30 days.
- Bluetooth
    - Version: 4.0 or beyond
    - Range: Up to 50 m (free space)
- Firmware
    - Upgradable
- IP Code
    - IPX8 protection grade (10 meters).
- Dimensions
    - Diameter: 70 mm
    - Height: 57 mm
- Weight
    - 135 grams
- Easy mount
    - 16 mm (M16x2) female thread