

## ULTRASONIC PORTABLE (Ultrasonic anemometer)

### Description:

Bluetooth, solar powered and IPX8 pocket-sized ultrasonic anemometer

This self powered bluetooth 4.1 ultrasonic windmeter stays on for 29 days and 1 year without sun.

Built with ultrasonic sensors, it will provides you one of the greatest accuracy we have ever made in an anemometer. Allowing a continuous measurement of wind speed and direction.

### Specification:

#### Wind Speed

Range: 0 - 40 m/s (first units range: 0 - 25 m/s).

Resolution:  $\pm 0.1$  m/s.

#### Wind direction

Range: 0 - 360°.

Resolution:  $\pm 1$ .

#### Sensors

Ultrasonic transducers (4x).

Sample rate: 1, 4, 8 Hz.

Thermometer, Gyroscope, Accelerometer.

#### 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: 4.1 or beyond. Range: Up to 50 m.

**Firmware:** Upgradable, Current version: 0.52.

**IP Code:** IPX8 protection grade (10 meters).

#### Dimensions

Diameter: 70 mm.

Height: 57 mm.

Weight: 135 grams.

#### Easy mount

16 mm (M16x2) female thread.

