

ULTRASONIC PORTABLE SOLAR WIND SENSOR CMI1006

WEATHER DATA

Apparent and real wind speed & direction via App

WIND SPEED

Range	1 – 25 m/s (2.24 – 56 mph)
Accuracy	0.3 m/s or 3% at 0 - 16 m/s (0-35.8mph) 5% at 16 - 25 m/s (35.8–56 mph)
Resolution	0.01 m/s (0.0224 mph)

WIND DIRECTION

Range	0 – 359°
Accuracy	3° at 1 - 5 m/s (2.24-11.18 mph) 1° at 5 - 16 m/s (11.2–35.8 mph) 6° at 16 - 25 m/s (35.8–56 mph)
Resolution	1°

POWER

Solar panel, internal battery, automatic power management

Autonomy (standby)	Up to 1 year with no sunlight
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PARAMETERS

Sample rate	1 Hz
Configurable units (App)	m/s, km/h, knots, mph

DATA OUTPUT

Bluetooth

Version	BLE 5.1 or beyond
Range	Up to 30 meters or 98 feet (free space)
Configurable interface	AnemoTracker Configurator
Firmware Upgradable	via Bluetooth



SENSORS

Ultrasonic transducers (4x)

DIMENSIONS

Diameter	70 mm (2.76 in.)
Height	57 mm (2.24 in.)
Weight	145 g (5.15 oz.)

MATERIAL

Machined engineering plastic (black)

MOUNT

M16 Female thread

Adapter for tripod	CMI1025
Carbon fiber pole	CMI1008 or CMI1009 - 33 cm or 1 m
Aluminum pole	CMI1011 or CMI1012 – 33 cm or 1 m
Mast mount	CMI1015
GoPro screw	CMI1026

ENVIRONMENTAL

IP Protection Grade	IPX8
Temperature range	-15/60°C (5/140°F) if no frost
Humidity	0/100 %HR

APPS COMPATIBILITY

· Calypso AnemoTracker App

Marine

- Garmin
- Calypso Instruments Sailing
- Sentinel Marine Solutions
- iRegatta
- eStela
- Sail Racer
- EDO sailing instruments
- SailGrib
- qtVlm Navigation and Routing
- Tactiqs

Meteo

- Weather4D
- Weather File

Ballistics

- Strelok Pro

COMPATIBLE DEVICES AND DISPLAYS

- Sail Racer
- N9350 (Novasail)
- Vakaros Atlas 2