

ULTRASONIC PORTABLE MINI 45

WIND METER CMI1037

WEATHER DATA

Apparent and real wind speed & direction via App

WIND SPEED

Range	0.5 – 45 m/s (1.12 – 100 mph)
Accuracy	0.3 m/s or 3% at 0 - 16 m/s (0-35.8mph) 5% at 16 - 45 m/s (35.8–100 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 - 45 m/s (35.8–100 mph)
Resolution	1°

POWER

Type	Battery powered
Charging	Wireless Qi
Battery life (active use)	Up to 300 hours
Battery life (standby)	2,000 hours (advertising)

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	43 mm (1.69 in.)
Height	47 mm (1.85 in.)
Weight	78 g (2.75 oz.)

MATERIAL

Injected engineering plastic (black)

MOUNT

1/4" Female thread

Tripod thread	1/4" standard
Mast mount	CMI1028
Phone mount	CMI1023

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