CALYPSO instruments
calypsoinstruments.com

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 (2.24 – 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) 1º at 5 - 16 m/s (1.12–35.8 mph) 6º at 16 - 45 m/s (35.8–100 mph)
Resolution	1º

POWER

Type	Battery powered
Charging	Wireless QI
Battery live (active use)	Up to 300 hours
Battery live (standby)	2000 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	Calypso 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

Injection-molded plastic (black)

MOUNT

1/4" Female thread

Tripod mount standard	Included
Mast mount	CMI1028
Phone mount	CMI1023

ENVIRONMENTAL

IP Protection Grade	IPX8
Temperature range	-15/60°C 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
- Hornady

COMPATIBLE DEVICES AND DISPLAYS

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

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