



BALLISTICS METERS

ballisticswindmeters.com

MINI ALL IN ONE BALLISTICS CMI1086

WEATHER DATA

Apparent and real wind speed & direction, temperature, humidity and pressure 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 (0-35.8 mph) 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 – 11.2 mph) 1° at 5 - 16 m/s (11.2 - 35.8 mph) 6° at 16 - 45 m/s (35.8 - 100 mph)
Resolution	1°

	TEMPERATURE
Range	-15 to 60°C (5 to 140°F)
Accuracy	±0.5 °C at 25°C (±0.9 °F)
Resolution	0.01 °C (32 °F)

	HUMIDITY
Range	10 – 90%
Accuracy	±3.5%
Resolution	1%

	PRESSURE
Range	500 to 1200 hPa
Accuracy	±1 hPa
Resolution	0.1 hPa

POWER

Type	Battery powered
Charging	Wireless charging Qi
Battery live (active use)	Up to 150 hours
Battery live (standby)	2000 hours (advertising)

PARAMETERS

Sample rate	1 Hz
	CONFIGURABLE UNITS via App
Wind	m/s, km/h, knots, mph
Temperature	Celsius, Fahrenheit or Kelvin
Humidity	Percentaje (%)
Pressure	hPa, inHg, mmHg, kPa or atm



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)
SHT40, DPS368 & NTCLE350E4103FHBO

DIMENSIONS

Diameter	43 mm (1.69 in.)
Height	70 mm (2.75 in.)
Weight	85 g (3 oz.)

MATERIAL

Injected engineering plastic (black)

MOUNT

1/4" Female thread	
Tripod mount standard	Included
Mast mount	CMI1028
Phone mount	CMI 1023

ENVIRONMENTAL

IP Protection Grade	IP66
Temperature range	-15/60°C (5/140°F) if no frost
Humidity range	10/90 %HR

APPS COMPATIBILITY

· Calypso Ballistics App



MINI ALL IN ONE BALLISTICS DATA SHEET

CMI1086

July 2026 English version

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