

ULTRASONIC PORTABLE MINI SPECS SHEET

Power:

Battery powered (150 hours runtime)

Wireless charging Qi

Information given:

-Wind speed

Range: 1-25m/s (2.24-56 mph)
Accuracy: 0.3 m/s at 10 m/s (0.67 mph at 22.37 mph)
Threshold: 1 m/s (2.24 mph)

-Wind direction

Range: 0 - 359°
Accuracy: ±1°

Measurement:

-Sample rate

1 Hz

-Output units

m/s, km/h, knots, mph

Data Output:

-Bluetooth

Version	5.1
Range	Up to 30 meters or 98 feet (free space)

Easy mount:

Tripod mount - Female thread



Sensors:

Ultrasonic transducers (4x)

Dimensions

Diameter: 43 mm (1.69 in.)
Height: 47 mm (1.85 in.)
Weight: 78 grams (2.75 oz.)








Environmental:

IP Code	IPX8 Protection Grade
Temperature range	-15/60° C if no frost
Humidity	0/100% HR

APP Compatibility:

Marine



-  Calypso Instruments Sailing Anemotracker
-  Weather4D
-  Sentinel Marine Solutions
-  iRegatta
-  eStela
-  Sail Racer
-  EDO sailing instruments
-  SailGrib
-  qtVlm Navigation and Routing
-  Tactiqs

Meteo



Ballistics



Display Compatibility



WEATHERDOT SPECS SHEET

Power: Battery powered (720 hours of active use)

Information Given:

- Temperature

Range: -15 to 60°C (5 to 140F)
Accuracy: $\pm 0.5^\circ\text{C}$ at 25°C
Resolution: 0.1°C

- Humidity

Range: 20 - 80%
Accuracy: $\pm 3.5\%$
Resolution: 1%

- Pressure

Range: 500 to 1200hPa
Accuracy: ± 1 hPa
- Resolution: 1 hPa

Measurement:

- Sample Rate

From 1 sample/s (1Hz) - 1 sample/24h
(1.16×10^{-5} Hz)

- Output units

Celsius, Farenheit or Kelvin
% and hPa, inHG, mmHG, kPA or atm



Sensor:

BME280 & NTCLE350E4103FHBO

Dimensions:

Diameter: 43 mm (1.69 in.)
Height: 32 mm (1.26 in.)
Weight: 40 grams (1.41 oz.)

Environmental:

- IP Protection

IP65

- Temperature Range

-15/60° C (5/140° F)

- Humidity

20-80% humidity

Easy Mount:

Tripod mount - female thread

Datalogger

Avaiable in future updates

Compatible With Ultrasonic Portable Mini

