

WEATHERDOT

SPECS SHEET

Weather dot is a compact, battery-powered sensor that measures temperature, humidity, and atmospheric pressure with high accuracy. It features configurable sampling rates and supports multiple output units. With IP65 protection, it's built for reliable outdoor use. The device offers up to 720 hours of active operation. It is compatible with the Ultrasonic Portable Mini and mounts easily on a tripod.

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 x 10⁻⁵ Hz)

- Output units

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

Sensor: BME280 & NTCLE350E4103FHBO

Dimensions: Diameter: 43 mm (1.65 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



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