

CCSTH Temperature and Humidity Sensor

Product Brief



1 Operating Conditions

This device is designed to operate optimally under the following atmospheric conditions.

Temperature: -20 to 50 °C

Relative Humidity: 0 to 100 %

2 Measured Parameters

The measurement ranges and expected accuracies are given below. Values in parenthesis are the maximum accuracy values for extreme conditions, 100% for humidity and 60 degrees Celsius for temperature.

Temperature: -20 to 50 °C, Accuracy: +/- 0.1 (0.3).

Relative Humidity: 0 to 100 % Accuracy +/- 1 (3).

3 Sampling

The device records samples of atmospheric temperature and humidity values every 30 minutes to internal memory. Alternative sampling periods are available on request.. The records are also uploaded to an online server depending on device setup.

4 Power requirements

This device uses two AA 1.5V batteries for power. Using the recommended Duracell MN1500 or Energiser E91 MAX AA batteries, a running time of at-least 9 months can be expected for 30 minute sampling in online mode. In offline mode (No data transmission to an online server), the device can record data to memory for at least months.