

SenseCAP S2103

CO₂, Temperature, and Humidity Sensor



Overview

SenseCAP LoRaWAN® S2103 Sensor measures CO₂ emission level, temperature and humidity in the atmosphere at the range of 400 to 10000 ppm, -40°C to 85°C and 0 to 100% RH (non-condensing), making it widely applicable in greenhouse, indoor and outdoor air quality monitoring scenarios.

Specifications

CO ₂	
Range	400 to 10000 ppm
Accuracy	400 to 5000 ppm: $\pm(30+3\%MV)$
	5000 to 10000 ppm: $\pm 10\%MV$
Resolution	1 ppm
Air Temperature	
Range	-40 to +85 °C
Accuracy	± 0.2 °C
Resolution	0.01 °C
Long-Term Drift	<0.03 °C/year
Air Humidity	
Range	0 to 100 %RH
Accuracy	± 1.8 %RH
Resolution	0.01 %RH
Long-Term Drift	<0.25 %RH/year

* General parameters are the same as those of SenseCAP S2101.