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INDUSTRIAL PRODUCT DATASHEET

SenseCAP S2120 8-in-1 LoRaWAN Weather Sensor

SenseCAP LoRaWAN S2120 Weather Station provides you with hyperlocal weather at your fingertips.

SKU	UPDATED	PRICE
101990961	2026-11-11 10:02:25	$299.00(Excl. VAT)



Overview



SenseCAP LoRaWAN S2120 Weather Station provides you with hyperlocal weather at your fingertips. It supports multi-scenario applications like backyard, garden, agriculture, meteorology, urban environmental monitoring, and so on. It enables low maintenance cost for its ultra-low power consumption, reliable performance, and built-in Bluetooth for OTA configuration and remote device management.

Key Features

01 **8-in-1 Weather Station**

Collect air temperature, humidity, wind speed/direction, Rainfall Intensity, light intensity, UV index, and barometric pressure data in one device and upload them via LoRaWAN

02 **Bluetooth Configuration in 1 min & Remote Management**

Simple configuration with just a few clicks, supports remote monitoring and managing real-time & historical data via the SenseCAP Mate App (Download here: 1. iOS; 2. Google Play; 3. App Center) and SenseCAP Portal

03 **Ultra-low Power Consumption, Easily Replaceable Battery & Expandable Capacity**

Powered by 0.5W solar panel and 3*standard 1.5V AA size dry batteries with up to 2 years service life (support external battery compartment with capacity for six batteries to double the service life)

04 **Reliable Performance**

Suitable for outdoor harsh environments such as high UV exposure, heavy rain, dusty conditions, etc

05 **One-stop Deployment & Flexible Layout**

Accessories include poles, mounting stand, etc. for quick installation and can be set up at almost any location

Product Gallery







Applications

- **Backyard and Garden: Measure air temperature and humidity, Rainfall Intensity, UV index, etc. in the backyard and garden to protect your family.**
- **Smart Agriculture： Enable farmers to obtain climate data and information in time, take scientific management measures into production, and improve agricultural production capacity and level.**
- **Meteorology: Support applications in the professional meteorological field, for example, timely reflect the changes of various abnormal meteorological conditions in the field of traffic and transportation to provide real-time scientific basis data for traffic management departments.**
- **Urban Weather: Provide real-time data for urban squares, parks, scenic spots, golf courses, and other urban areas.**

Resource Links

- https://www.seeedstudio.com/sensecap-s2120-lorawan-8-in-1-weather-sensor-p-5436.html
- SenseCAP S2120 LoRaWAN Sensor Catalogue
- S2120 Weather Sensor User Guide
- SenseCAP Weather Sensor Catalogue
- Battery Life Prediction Table
- SenseCAP ONE Document Center
- SenseCAP ONE/SenseCAP ONE V2 Compact Weather Station User Guide
- Resource

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