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INDUSTRIAL PRODUCT DATASHEET

# SenseCAP ONE S700 7-in-1 Compact Weather Sensor

S700 7-in-1 Weather Sensor measures air temperature, relative humidity, barometric pressure, light intensity, rainfall (optical), wind speed, and wind direction (ultrasonic).

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 101990787 | 2026-11-11 10:07:26 | $1799.00(Excl. VAT) |



# Overview




S700 7-in-1 Weather Sensor measures air temperature, relative humidity, barometric pressure, light intensity, rainfall (optical), wind speed, and wind direction (ultrasonic). It is ideal for application in a rough environment like outdoor, agriculture, or smart cities. Use it with SenseCAP LoRaWAN Data Loggeror SenseCAP 4G Data Logger.

# Key Features

01 **7 parameters to measure in one**

air temperature, relative humidity, barometric pressure, light intensity, precipitation intensity, wind speed, and wind direction

02 **Embedded with the electronic compass / magnetometer**

enabling easy installation and you can choose to disable the electronic compass while orienting to the North manually.

03 **3m cable are included in the package for the pole mount**

04 **IP66 rated**

waterproof, and dustproof, suitable for outdoor scenarios

05 **Integrated heaters that can be switched on in extreme weather**

06 **Ultrasonic wind speed & direction sensors without moving parts**

07 **Optical rain gauge, compact in size and user-friendly**

08 **Radiation shields are equipped to ensure accurate ambient measurement.**

09 **Supported interface**

RS 485 (MODBUS-RTU) / 232 / 422 (Modbus) / SDI-12

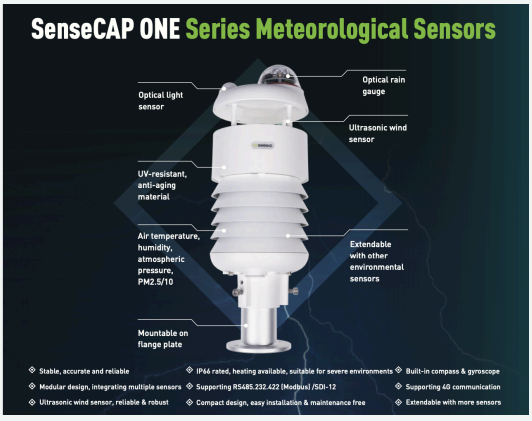
10 **Calibrated and maintenance-free**

11 **CE and FCC certified**

# Product Gallery










# Applications

- Smart Agriculture
- Smart City
- Smart Buildings
- Transportation and Traffic
- Smart Industry
- Weather Monitoring

# Resource Links

- https://www.seeedstudio.com/SenseCAPONE-S700-7in1-Compact-Weather-Sensor-p-4879.html
- SenseCAP ONE/SenseCAP ONE V2 Compact Weather Station User Guide
- SenseCAP Weather Sensor Catalogue
- SenseCAp Sensor Hub Catalog (Data Logger & Sensor Probes)
- SenseCAP Document Center
- Resource

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