

Scimetic S4 Environmental Sensor

Product Sheet

Wireless S4 Sensor

The wireless S4 sensor is an advanced device designed to detect temperature, humidity, CO2 levels, and water proof housing. It is equipped with pharmaceutical grade sensors that can be calibrated for accurate measurements.



Key Features:

- **Temperature detection:** The S4 sensor accurately measures temperature levels in real-time, ensuring optimal environmental conditions.
- **Humidity detection:** With its high-quality sensors, the S4 sensor provides precise humidity readings, allowing for efficient monitoring of moisture levels.
- **CO2 detection:** The sensor effectively detects CO2 levels, enabling users to maintain a healthy and safe environment.

- **Wireless Connectivity:** The sensor communicates wirelessly to the Scimetic net and integrates with T1 controllers using Hortimod OS.
- **Water-proof housing:** The S4 sensor comes with a durable water-proof housing, ensuring reliable performance even in challenging conditions.
- **Pharmaceutical grade sensors:** Equipped with top-notch sensors, the S4 sensor guarantees accurate and reliable measurements, meeting pharmaceutical industry standards.
- **Calibratable:** The sensors can be easily calibrated, providing users with the flexibility to adjust and fine-tune the measurements as needed.

Specifications:

- **Dimensions:** 22,5CM (Long) x 5cm (High) x 6cm (Wide)
- **Weight:** 373g
- **Measurement Temperature:** -40 - 70 °C (+- 0,4 °C)
- **Measurement Humidity:** 0 - 95 %RH (+- 3%)
- **Measurement Co2:** 400-10000 ppm (+- 30PPM)
- **Power supply :** 220V
- **Connectivity:** IEEE 802.11 b/g/n 2.4GHz; (Wi-Fi)
- **Housing:** Waterproof (IP6X)
- **Operating Temperature:** -10°C to 60°C
- **Compatibility:** Scimetic Hortimod OS

Applications:

- **Pharmaceutical industry:** The S4 sensor is ideal for pharmaceutical facilities, laboratories, and cleanrooms, where precise environmental monitoring is crucial for maintaining product integrity.
- **Agriculture:** It can be used in greenhouses and agricultural settings to monitor temperature, humidity, and CO2 levels, optimizing crop growth.
- **Indoor air quality:** The S4 sensor helps ensure a healthy indoor environment by monitoring temperature, humidity, and CO2 levels in offices, schools, and residential buildings.
- **Industrial Air Treatment and management.**

With its cutting-edge features and superior performance, the wireless S4 sensor is a reliable and versatile solution for various industries. Trust in its accuracy and durability to meet your environmental monitoring needs.

