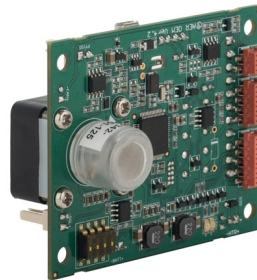




## SKS4 Datasheet Ozone Sensor



High-resolution ozone measurements for Sparvio, with built-in fan.

Parameters	Specifications
Measured Parameters	Ozone
Measurement Range	0 – 150 ppb (parts per billion)
Accuracy	< 5 ppb (under conditions stated in calibration certificate)
Resolution	12 bit (0.0366 ppb)
Response Time	60 seconds
Sampling frequency	1 per 70 seconds
Operating Temperature	0°C – 40°C (-20°C – 50°C if enclosed)
Operating Humidity	10% to 95% RH (non-condensating)
Warm-up time	10 minutes to full spec
Supply Voltage	11 – 15 V <sub>DC</sub> (Contact Sparv Embedded for other options)
Power Consumption	1 – 3 W
Communication	Sparvio SSP
Size	60 mm x 75 mm
Weight	65 gram

**Disclaimer:** Preliminary data. The integration and final specifications will be completed when required.



### **Sparvio background**

The Sparvio system provides a modular, plug-and-play solution for measuring various quantities for UAVs, other environmental studies, lab experiments and education. The system is designed to start immediate measurements without any further integration.