

Sensorbee Air Pro 2 Cellular

The Sensorbee Air Pro 2 Cellular is a professional air environmental monitoring device. It uses solar power to measure dust, temperature, humidity, and gases. It can connect to extra sensors and shares data via mobile networks. This tool is designed for efficient and eco-friendly monitoring, useful for advanced environmental research and urban management.



SB8202 - Air Pro 2 Cellular



Communication & Remote Management:

LTE-M or NB-IoT (Nano SIM)
Sensorbee Cloud (LwM2M ≥ 1.1)



External Sensor Connectors:

- M8 conn. for Sensorbee Provided sensors
- M12 8pin conn. for Modbus RTU sensors (5V / 12V support)



Dimensions, Weight & Material:

145 x 200 x 80 mm, 1.9 kg,
Polyamide



Power Input: 5 to 24 VDC
Internal Battery: 20 Ah



Regulatory Compliance:

CE



Modules Supported:

6 Sensorbee gas modules (not included)
Sound Level Meter (not included)



Operating Temperature & Humidity:

(Recommended) -20 to +60 °C,
0 to 99 %RH



Mounting:

Pole/Wall mounting bracket

INCLUDED MODULES :

Particle Sensor Module: (SB4102):

Type : Optical particle counter

Mass size Range: PM1, PM2.5, PM10

Number size Range: PM1, PM2.5, PM10

Temperature Sensor Module (SB4602):

-20 to 50 °C: ± 0.1 °C

EnviroSense Sensor Module (SB4502):

Humidity: 0 to 100 %RH, 15 to 55 °C: ± 1.0 %RH

VOC: 0 to 1000 ppm (VOC Index 0 to 500)

NOX: 0 to 10000 ppb (NOX Index 0 to 500)

Pressure: 300 to 1250 hPa ± 0.5 hPa