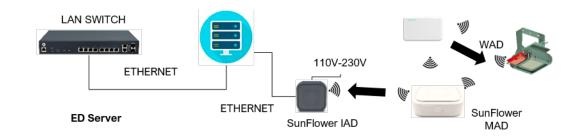# RAJANT

sKy.Air

IoT ACTUATORS

Air quality sensor

Specifically designed to comply with the most recent REHVA (Federation of European Heating Ventilation and Air Conditioning Associations) and NIH (National Institute of Environmental Health Sciences) directives, sKy.Air continuously monitors the indoor environments in real-time, safeguarding the occupants' health.

Detected Compounds: Total Volatile Organic Compounds (VOC), including Formaldehyde, Benzene, Toluene, Xylene, Perchloroethylene etc., Carbon Dioxide (CO_2), Nitrogen Dioxide (NO_2), Carbon Monoxide (CO), Methane (CH_4)

Extra: the device relies on a patented aerospace-grade technology developed for the safety of astronauts on board the ISS (International Space Station) and successfully tested by NASA.

Product Features	
Product Code	50.10001.015
Sensor Coverage Area	max 200 sqm (depending on sensor installation)
Life Expectancy	2 yrs (5 yrs in a clean environment)
Communication Protocol	WiFi 802.11 b/g/n / Bluetooth 4.2 / Digital RS485 / Modbus
Sensing Technology	CO_2 - Optical, non dispersive infared (NDIR) VOC, NO_2, CO, CH_4, CO_2 - Patent pending MEMS + A.I. based realtime multiscan
Gas Measurement Ranges	Total VOCs (Volatile Organic Compounds) - 25 - 20000ppb (Isobutilene equivalent); 250-5000 ppm (CO_2 equivalent units)
Supply Voltage DC	24 VDC nominal (12 to 30 VDC)
Supply Voltage AC	24 VDC nominal (15 to 28 VAC)
Power Consumption	0.5 A total max
Operating Temperature Range	5 - 50° C
Operating Humidity Range	5% - 95% non condensing
Enclosure Rating	IP 55, NEMA 3
Dimension	110x70x27.5 mm - 156g
Warranty	1 year

REIOS

20+ Years OF GAME-CHANGING WIRELESS

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