

Environmental Sensors

Industrial air quality sensors.

AQBot is an industrial air quality monitor with automation capabilities. Dustroid is an Online Particulate Monitoring system to measure the concentration of dust particles in the ambient air. Odosense is the real-time odour emission tracking solution. Polludrone is a Continuous Ambient Air Quality Monitoring System.



Technical Specifications

Description	AQBot	Dustroid	Odosense	Polludrone
Processor	Quad-Core ARM cortex A-72	Quad-Core ARM cortex	Quad-Core ARM cortex	Quad-Core ARM cortex
Memory	2GB RAM, 8GB eMMC ROM	2GB RAM, 8GB eMMC ROM	2GB RAM, 8GB eMMC ROM	2GB RAM, 8GB eMMC ROM
Device interface	On-device software, API, display	On-device software, API	On-device software, API	On-device software, API
Temperature	-20 to +60°C	-20 to 60°C	-20 to 60°C	-20 to 60°C
Humidity	0 - 90%RH, non-condensing	0-95% RH	0-95% RH	0-95% RH
Avg. power consumption	3.5 W	5 W	5 W	5 W
Wireless connectivity	Global 2G/3G/4G, LoRa, LTE, NB-IoT, Sigfox, WiFi	GSM, LoRa, LTE, NB-IoT, Sigfox, WiFi	GSM, LoRa, LTE, NB-IoT, Sigfox, WiFi	GSM, LoRa, LTE, NB-IoT, Sigfox, WiFi
Wired connectivity	Ethernet, Modbus TCP, Modbus RTU, RS-485, CANbus	Ethernet, Modbus, relay output	Ethernet, Modbus, relay output	Ethernet, Modbus, relay output

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