

foobot SAT

A comprehensive indoor air quality monitor for ventilation / air purification trigger



■ Setup Options:

Wall mounted or Ceiling mounted

■ Outer Dimensions:

in: 4.3 x 4.3 x 1.6 (1.85 incl. backplate)

mm: 110 x 110 x 40 (47 incl. backplate)

■ Power supply:

Power over Ethernet (PoE) or DC power supply

■ Connectivity:

Ethernet (PoE), WiFi, Bluetooth

■ Included services:

- . Professional group provisioning & setup app
- . API including [outdoor air quality data access](#)**
- . Unlimited report & [web dashboard access](#)

Sensors & Accuracy *

■ PM Sensor (Laser): PM1; PM2.5; PM10

0 to 30 $\mu\text{g}/\text{m}^3$, $\pm 3\mu\text{g}/\text{m}^3$ | $> 30\mu\text{g}/\text{m}^3$, $\pm 10\%$ reading

■ CO2 Sensor (NDIR):

0 to 5000ppm | $\pm 50\text{ppm}$ or 5% of reading

■ tVOC Sensor (MOX):

Detects among others: Acetone, Ammonia, Ethanol, Formaldehyde, Toluene, Isobutylene Xylene. **Validated against US EPA reference tVOC gas mix.**

■ Temperature & Relative Humidity sensors

■ PIR sensor: Approx motion detection 500sqft / 45m² (ceiling mounted option)