

CityAir D2

CityAir-D2, LED display, monitor multiple air quality related parameters, it also include light and noise, and such parameters can be used to conduct real-time monitoring for indoor and in-vehicle. Monitored data can help to evaluate indoor environment, and smart-control building ventilation and air filtering system.



Parameter	Range	Linearity	Resolution
Temperature	0 - 40°C	±2°C	0.1°C
Humidity	20 - 85%RH	±5%RH	1%RH
Carbon Dioxide	400 - 2000ppm	±70 ±5% reading	1ppm
PM _{2.5}	1 - 500µg/m ³	±(5+10% of reading)<@50 ±(20 of reading)<@500	1µg/m ³
TVOC	125 - 2000ppb	±(10+10% of reading)	1ppb
Formaldehyde	0 - 5ppm	±15% reading	10ppb
* PM ₁₀	0 - 1000µg/m ³	±10% reading (>100µg/m) ³	1µg/m ³
* Pressure	30 - 120Kpa	1Kpa	0.4Kpa
* Light	0 - 65535lux	±10% reading	1lux
* Noise	30 - 100dB	5dB	1dB

Remark: *Optional Parameter

Communication	Wi-Fi Modbus RJ45
Power supply	24VDC
Install	Ceiling Wall Mount
Size	153mm x 153mm x 36mm
Display	LED 16*24
Weight	420g - 650g
Support	PC Android IOS

Product Feature

- Active sampling
- Industrial level resolution
- Patented Air duct flow technology for stability
- Modulated design for different combination
- Electrochemical sensors calibrate based on real gas
- High-integration, meets multi-monitoring demands
- Support MQTT protocol