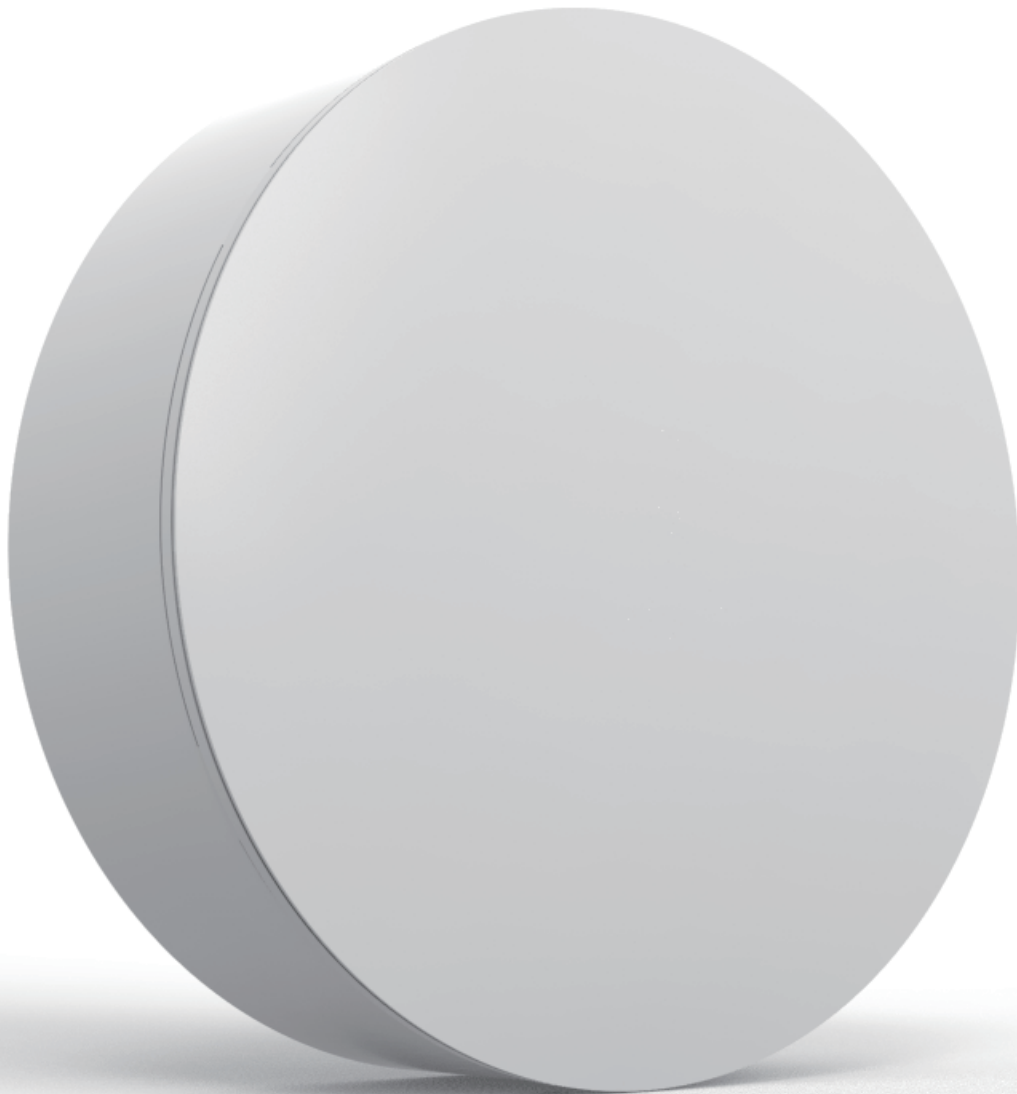# CityAir D1

CityAir-D1 Monitor, the device consists of 5 key parameters. Online sampling with the built-in filter film will not cause any radioactive sources, suitable for any indoor environment and evaluation for air purifying efficiency. Device transmit 485 signals and communicates via Wi-Fi, can easily integrate onto building automation system.

Parameter	Range	Linearity	Resolution
Temperature	0 - 40℃	±2℃	0.1℃
Humidity	20 - 85%RH	±5%RH	1%RH
Carbon Dioxide	400 - 2000ppm	±70 ±5% reading	1ppm
PM$_{2.5}$	1 - 500μg/m³	±(5+10% of reading)<@50 ±(20 of reading)<@500	1μg/m³
TVOC	125 - 2000ppb	±(10+10% of reading)	1ppb

Communication	Wi-Fi RS-485
Power supply	24VDC
Install	Ceiling Wall Mount
Size	D 131mm H 50mm
Weight	408g
Support	PC Android IOS

Product Feature

- MEMS optical sensing technology

- Industrial level resolution

- 32 bits microprocessor

- Online monitoring, real-time data transmission

- High-integration, meets multi-monitoring demands

- Support Wi-Fi and 485 communication

- Patented air duct drainage technology