



FN110
Indoor Air
Monitor

Overview

- Sensor measures PM2.5 particles using multiple directional light scattering principles, capable of detecting particles as small as 1.0 micron.
- Carbon dioxide (CO₂) sensor operates on Non-Dispersive Infrared (NDIR) technology for indoor use.
- The device is designed for portability and can be used in various locations or connected to WiFi to work with the Freshnergy Air Quality Platform, allowing air quality and particulate monitoring anywhere via a mobile application. The sensor data can also control indoor air replenishment systems.

Applications

- Works with the Freshnergy Air Quality Platform
- Portable monitoring device
- Air quality monitoring stations
- Air quality control systems
- Air replenishing systems
- Smart home systems
- Schools
- Hospitals

Specifications

Measurement type	PM1.0,2.5,10	0-999 ug/m ³ ±(10µg/m ³ @0~100µg/m ³ , 10%@100~500µg/m ³)
	CO ₂	400-5000 ppm ±(50ppm+5% reading value)
properties	Voltage	5 VDC 2A USB-C
	Communication	2.4 GHz WiFi
	Display	7-Segment
Environmental conditions	Operating temperature	0°C to 60°C
	Humidity	10%~90%
	Dimensions	90x60x20 mm.