

uno[®]
next



Protect your health, starting from indoor air quality

Connected. Smart. Healthy

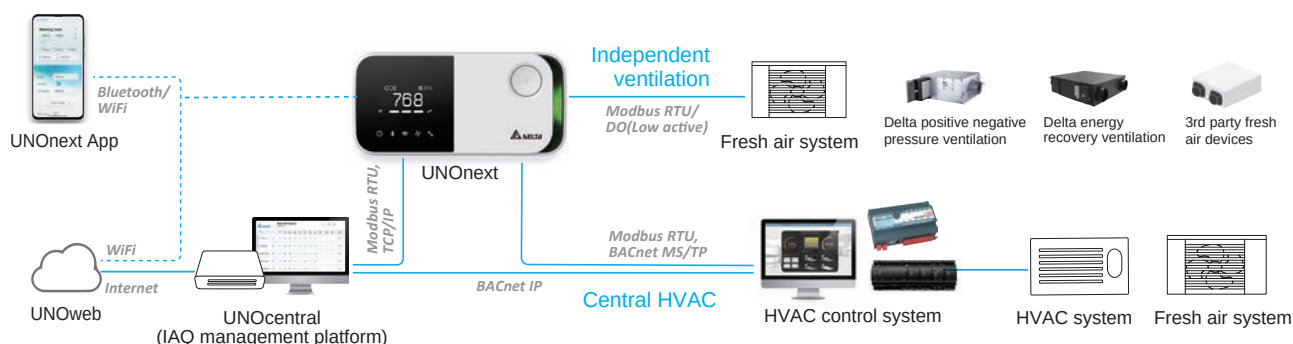
The UNOnext Indoor Air Quality Monitor can continuously monitor real-time data for seven types of harmful indoor air factors. The detection range includes Carbon Monoxide (CO), Carbon Dioxide (CO₂), Fine Suspended Particulates (PM_{2.5}), and Suspended Particulates (PM₁₀), Formaldehyde (HCHO), Ozone (O₃), Total Volatile Organic Compounds (TVOC) and Temperature, Humidity, Illuminance, etc.

UNOnext not only has a detection function, but it can also independently link ventilation equipment or integrate with central air conditioning. When indoor air quality turns poor, UNOnext immediately sets off an alarm and introduces fresh air to eliminate the bad indoor air. The innovative design of UNOnext also earns extra points for LEED green building standards and WELL healthy building standards.



Features

- Accurately detects indoor air factors that are harmful to health. Comes with third-party laboratory inspection certificate, and provides annual calibration services
- Plug and play, lets you quickly browse real-time indoor environment information
- Provides historical data trend and index analysis, cloud data storage
- Smart linked HVAC/fresh air system improves air quality



Monitor Specification

Items	Measurement Range	Accuracy
Temperature	0-50°C	± 1°C
Humidity	0-100% rH	± 5%
CO ₂	400-10000 ppm	± 30 ppm ± 3%
PM2.5	0-1000 ug/m ³	0-100 ug/m ³ ± 10 ug/m ³ , 100-1000 ug/m ³ ± 10%
PM10	0-1000 ug/m ³	0-100 ug/m ³ ± 25 ug/m ³ , 100-1000 ug/m ³ ± 25%
Luminance	0-10000 lux	For ambient light reference
HCHO	0-5000 ppb	± 15%
CO	0-1000 ppm	± 20ppm or ± 5%
O ₃	0.5-10 ppm	0.01 ppm
TVOC	0-30000 ppb	± 15% in lab test (Ethanol)
Ext. temp.	NTC10k Thermistor	± 0.3°C

System Specification

Operation range	0°C to 50°C, 10-90% RH, IP20
Storage temp.	-20°C to 70°C
Power requirements	Input 1: 9-24VDC+/-10% ; Input 2: power adapter 12V/1A
Power consumption	Max 500mA@12VDC
Digital Control	RS485 or DO (low active)
Dimensions	14.2cm(L) x 6.8cm(W) x 4.2 cm(D)
Weight	208 g
Display	1.3" OLED
Accessories	Wall Mount, Power Adapter, NTC thermistor(Optional)
Language	Chinese, English, Japan
Connectivity	RS485, Wi-Fi 2.4G 802.11 b/g/n, BLE5.1
Security	Open, WPA-PSK, WPA2-PSK
Certification	CE, FCC/IC, NCC, JRF, WPC/ETA, SIRIM, IMDA, NBTC, VNTA

Model	Temp./Humid.	PM2.5/PM10	CO ₂	Lux	TVOC	HCHO	CO	O ₃ *	BLE	Wi-Fi	BACnet MS/TP	Modbus RTU	Ventilation equipment control
UNO-7TB	●	●	●	●	●						●	●	
UNO-6SW	●	●	●	●					●	●		●	●
UNO-7HW	●	●	●	●		●			●	●		●	●
UNO-9SW	●	●	●	●	●	●	●		●	●		●	●
UNO-10SW	●	●	●	●	●	●	●	●	●	●		●	●

*UNO-10SW: Made to order



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