UNO® Series

Indoor Air Quality Solution Catalog

CO2
768

DELTA

Why Choose Delta
for Indoor Air Quality Solutions?

According to researchers, 90% of the time we spend indoors unhealthy air factors, such as volatile organic compounds, suspended particulates, mold and others, are entering our lungs invisibly. This can increase our risk of respiratory diseases, reduced immunity, cancer, and other health issues. Improving indoor air quality and creating a healthy living space have become essential concerns of today's architecture.

The UNO indoor air quality monitoring solution conforms to the WELL healthy building trend. It offers an intuitively operated smart management platform and mobile app to continuously monitor air factors and environmental quality, intelligently control fresh air equipment or HVAC systems, and improve poor air quality. Applications cover office, education, public, healthcare, and residential buildings.

Maximize Scorecards for **WELL**

Meets the requirements for WELL and LEED Certification.

Certified by RESET. WELL projects adopting the RESET™ Air v2.0 version can also meet some of the air features for WELL v2 projects at the same time.

Paired with Delta's fresh air system, WELL certification can earn an additional +9 points.

Healthier · Greener · Safer

WELL
Healthi Buildings

AIR

LEED
Green Buildings

Meet **ESG** through IAQ

Highlights the air features of the building as key applications to support Well-Being and Health.

Well-Being: High performance ventilation system keeps the air fresh and CO_2-balanced, fostering the physical, mental and emotional well-being of occupants.

Health: Air quality management has adapted BMS to verify that a building has taken the necessary steps to prioritize the health of occupants.

Includes the application of WELL strategies into long-term ESG KPIs and a sustainability roadmap.

E
Environmental
Climate Change
& Pollution

S
Social
Working Conditions
& Environment

G
Governance
Corporate
Sustainable Value

Connected. Smart. Healthy.

UNOweb smart management platform provides real-time IAQ information for wellness awareness. Provides multi-device management, visualization management interface and alert notifications, as well as API to access the newest data, or to download as historical data, turning data into actionable insights you can implement in your building right away.
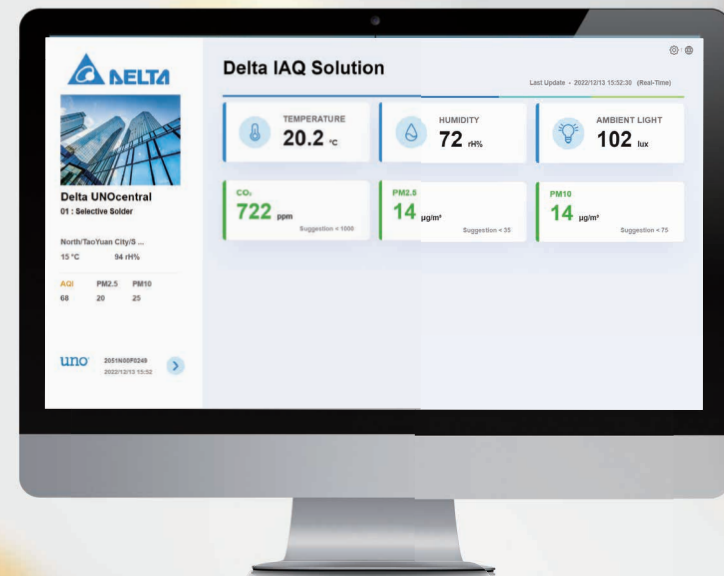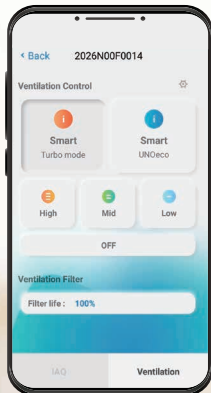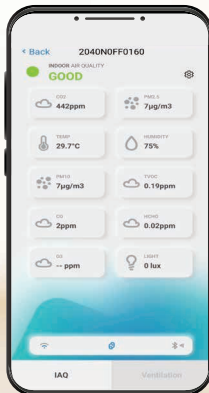
Remote IoT Real-time Management

UNO IAQ app includes real-time monitoring, multi-device management and remote control and ventilation control to improve performance while providing historical data trends and index analyses.
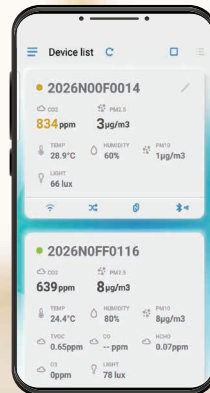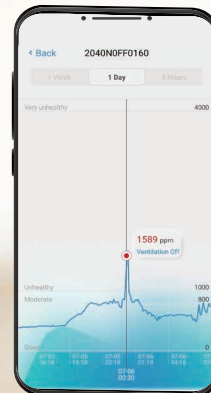
UNO IAQ App

Remote
Control

IAQ
Information

Multi-equipment
Detection

Historical
Data Curve

UNOnext
for Every Environment

· Accurately detects indoor air factors that are harmful to health

· Plug and play, lets you quickly browse real-time indoor environment information

· Provides historical data trends and index analyses, as well as cloud data storage

· Smart linked HVAC/fresh air system improves air quality

· Comes with third-party laboratory inspection certificate, and provides on-site calibration solution

PM2.5　PM10　CO_2　TVOC　Temp.　Humid.　CO　HCHO　O_3

Scan to learn more

UNO IAQ App

UNOweb
Smart Management Platform

UNOcentral
IAQ Management Platform

Wi-Fi

Internet

Bluetooth/
Wi-Fi

Modbus RTU, TCP/IP

uno® next

UNOnext
Indoor Air Quality Monitor

CO2   80%
768
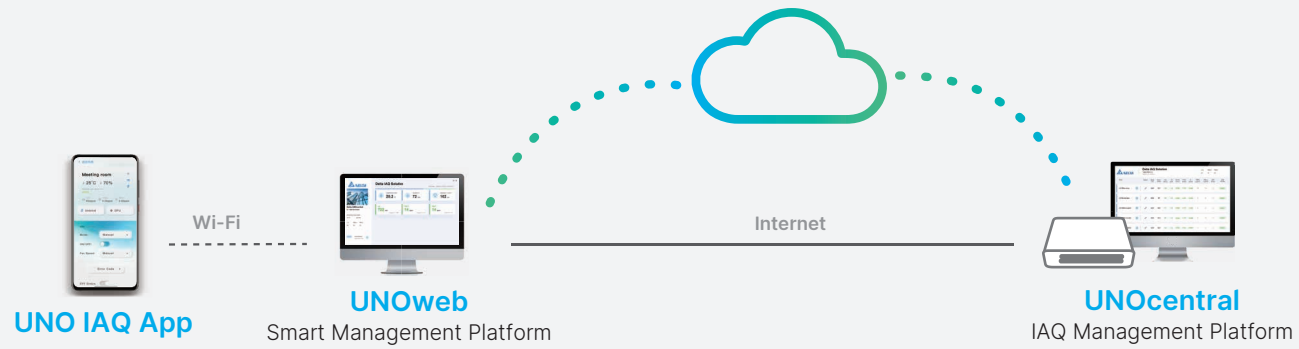
Modbus RTU/DO(Low active)

Modbus RTU,
BACnet MS/TP

BACnet IP

Independent ventilation

Fresh Air System

Delta In-Line/
Cabinet Ventilation Fan

Delta Fresh Air
Supply Fan

Delta Energy Recovery
Ventilation (ERV)

Building Automation System

Building Management and Control

UNOlite
for Commercial Buildings

· **7-in-1 Coverage Air Quality Monitor**

· **Enhances the air quality in commercial buildings**

· **Seamlessly integrates with BACnet-based smart systems and beyond**

· **Ensures high levels of data accuracy and reliability**

· **Promotes wellness awareness through enhanced air quality**

· **Certified to meet LEED and WELL standards**

(PM1) (PM2.5) (PM10) (CO_2) (TVOC) (Temp.) (Humid.)

Scan to learn more

UNO IAQ App

Wi-Fi

UNOweb
Smart Management Platform

Internet

UNOcentral
IAQ Management Platform

Bluetooth/
Wi-Fi

Modbus RTU, TCP/IP

uno®
lite

UNOlite
Indoor Air Quality Monitor

Modbus RTU,
BACnet MS/TP,
Bluetooth Mesh

BACnet IP

Building Automation System

Building Management and Control
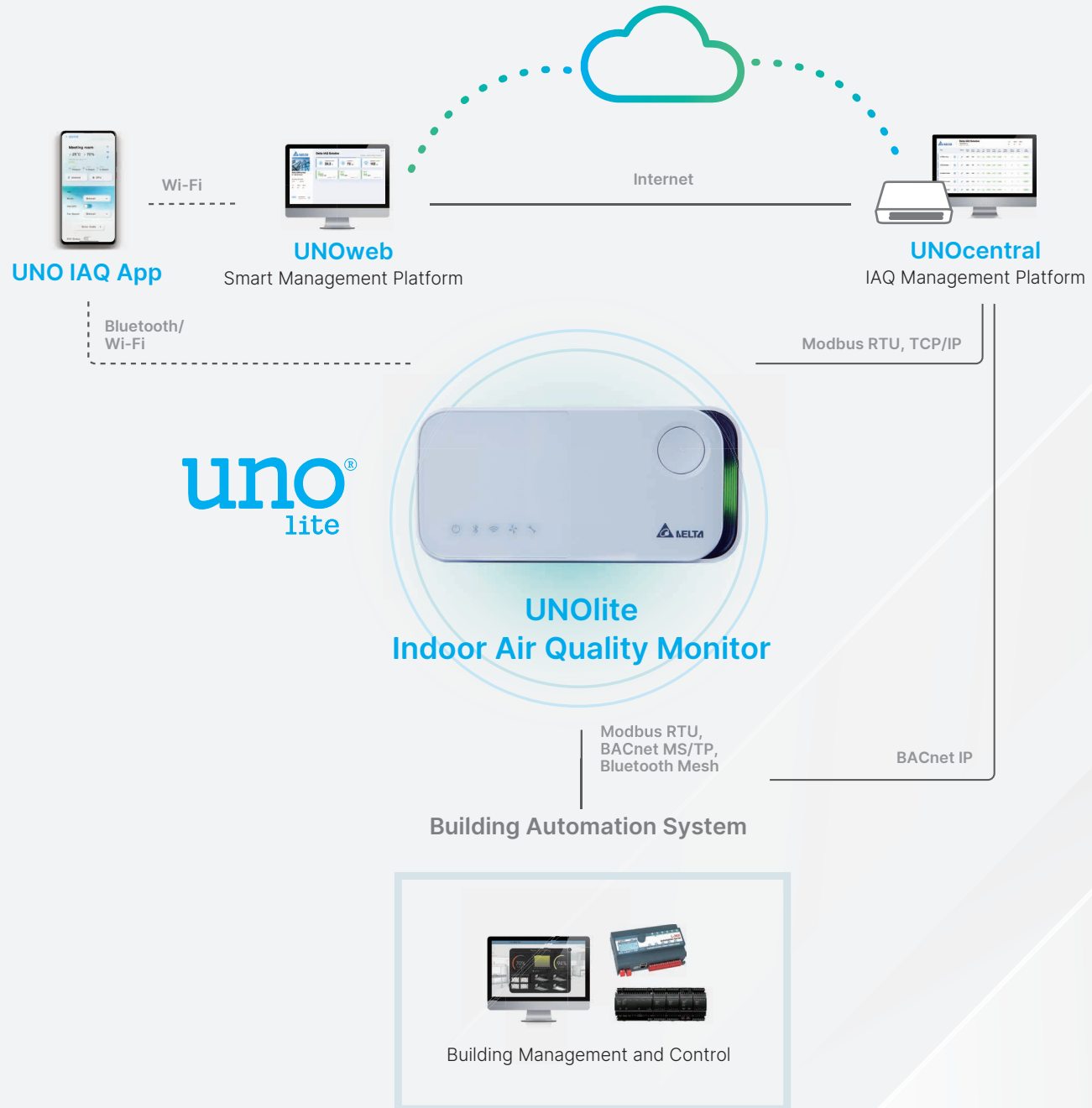
Select the Right UNO

Gear up for an exploration of diverse options to seamlessly integrate into your smart home or commercial buildings. Whether you're a wellness enthusiast, an allergy warrior, or someone just yearning for a breath of fresh air, our product catalog is the way to go for one-stop-shopping that offers you a healthier, more breathable living space.

Integrated Equipment, Smart Switch On/off
· Integrates control via one button
· Eliminates harmful factors instantly
· Saves energy and enhances sustainability

Indoor Air Quality Indication
🟩 Good		🟥 Unhealthy	
🟨 Moderate		🟪 Very Unhealthy	

	UNOnext				UNOlite		
	UNO-6SW	UNO-7TB	UNO-9SW	UNO-10SW	UNO-L/UNO-L1	UNO-LW	UNO-LWD
General							
Dimension	14.2cm(L) x 6.8cm(W) x 4.2 cm(D)				14.2cm(L) x 6.8cm(W) x 4.2 cm(D)		
Weight	208 g				188 g		
Display	1.3" OLED				—	—	1.3" OLED
Operating Range	0°C to 50°C, 10-90% RH, IP20				0°C to 50°C, 10-90% RH		
Storage Temperature	-20°C to 70°C				-20°C to 70°C		
Accessories	Wall Mount, Power Adapter				Two types of wall mount cradle Drywall mount, Electrical box mount		
Security	Open, WPA-PSK, WPA2 PSK				Open, WPA-PSK, WPA2 PSK		
Certification	CE, FCC/ISED(IC), NCC, JRF, RCM, SRRC, NBTC, WPC, IMDA				CE, FCC/ISED(IC), SRRC, NCC, JRF, NBTC, SRIM, WPC, IMDA		CE, FCC/ ISED(IC), NCC
Warranty	1 year				1 year		

	UNOnext				UNOlite		
	UNO-6SW	UNO-7TB	UNO-9SW	UNO-10SW	UNO-L/UNO-L1	UNO-LW	UNO-LWD
Sensor							
Temperature/Humidity	✓	✓	✓	✓	✓	✓	✓
Luminance	✓	✓	✓	✓	—	—	—
PM1	—	—	—	—	✓	✓	✓
PM2.5/PM10	✓	✓	✓	✓	✓	✓	✓
TVOC	—	✓	✓	✓	✓	✓	✓
HCHO/CO	—	—	✓	✓	—	—	—
CO2	✓	✓	✓	✓	✓	✓	✓
O3	—	—	—	✓	—	—	—
Connectivity							
Modbus RTU	✓	✓	✓	✓	✓	✓	✓
BACnet MS/TP	—	✓	—	—	✓	✓	✓
BLE Mesh	—	—	—	—	✓	✓	✓
MQTT	✓	—	✓	✓	—	✓	✓
Power							
DC (12-24V)	✓	✓	✓	✓	✓	✓	✓
AC (24V)	—	—	—	—	✓	✓	✓
Ventilation Control							
RS485	✓	—	✓	✓	—	✓	✓
Digital Output	✓	—	✓	✓	—	—	—
Device Management							
Local APP (BLE) — UNO IAQ App	✓	—	✓	✓	✓	✓	✓
Remote APP (Wi-Fi) — UNO IAQ App	✓	—	✓	✓	—	✓	✓
Cloud — UNOweb	✓	—	✓	✓	—	✓	✓
On-premise (RS485) — UNOcentral	✓	✓	✓	✓	✓	✓	✓
On-premise (MQTT) — UNOcentral	✓	—	✓	✓	—	✓	✓