Indoor Air Quality Monitoring Solution

UNO® Series

See Clearly. Breathe Cleanly. Live Healthily.

UNOnext

UNOlite

UNOslim

(PM1) (PM2.5) (PM10) (CO) (CO_2) (TVOC) (HCHO) (O3)

DELTA

Delta UNO IAQ Monitoring Solution
Protect health and boost productivity

Complete Monitoring

Tracks all key pollutants and environmental parameters (CO_2, PM1, PM2.5, PM10, VOCs, CO, O_3) (temperature, humidity, luminance).

Proactive Control & Response

Goes beyond passive monitoring - automatically communicates with the ventilation system in response to detected pollutants.

IoT Analytics

Mobile and cloud access to air quality insights from anywhere. Flexible cloud service plans minimize upfront investment.

BACnet Integration

Direct compatibility with Building Management Systems (BMS) through BACnet protocol enables streamlined air quality management.

Environmental Certification

RESET and Work with WELL certified, supporting your ESG and wellness goals.

UNOnext

The Ultimate Sensor for Intelligent Air Quality Management

UNOnext (7TB/9SW/10SW)

UNOnext is a high-performance air quality monitor designed for both residential and commercial spaces. It features a 10-in-1 sensor that tracks CO, CO_2, PM2.5, PM10, HCHO, O_3, TVOC, temperature, humidity, and illuminance. More than just monitoring, UNOnext has the capability to directly control HVAC and ventilation systems, automatically adjusting airflow in response to declining air quality. Its UNOeco algorithm ensures optimal indoor conditions while enhancing energy efficiency.

Intelligent. Comprehensive. Responsive.

UNOlite

A Budget-friendly Choice that Effectively Meets Building Automation Requirements

UNOlite (UNO-L/UNO-LW)

UNOlite (UNO-LWD)

UNOlite is a cost-effective, BAS-compatible air quality monitor for commercial buildings. It measures PM1, PM2.5, PM10, CO_2, TVOC, temperature, and humidity. Supporting BACnet, Modbus, and MQTT, it seamlessly integrates with building systems and can directly control Delta's ventilation systems. This makes UNOlite an ideal solution for scalable, energy-efficient air quality management.

Compact. Efficient. Accurate.
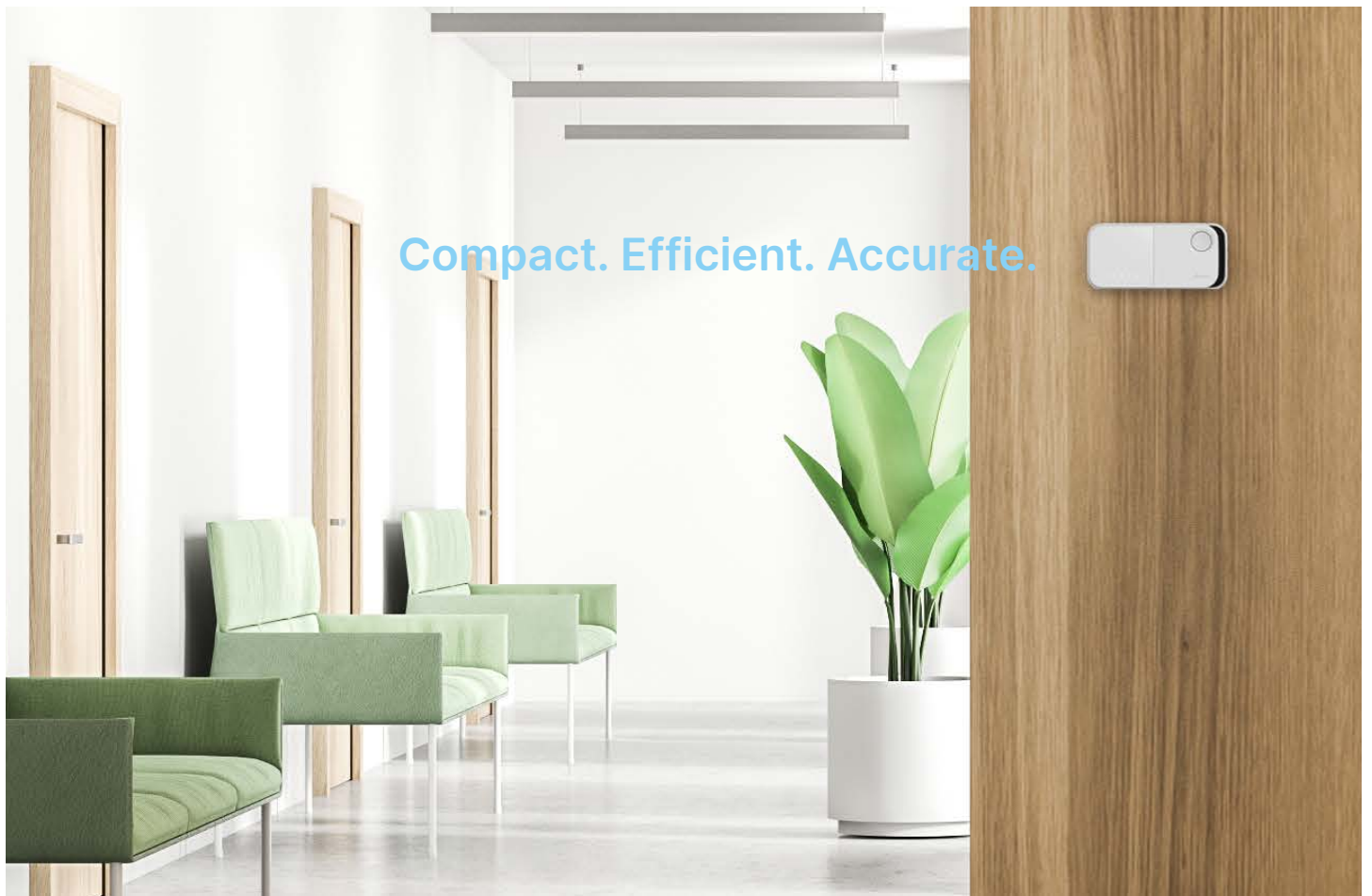
UNOslim

The Perfect Multi-IAQ Sensor for Commercial Buildings, Inside and Out

Bluetooth ASHRAE **BACnet**
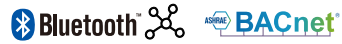
UNOslim (UNO-M)

UNOslim combines a slim LED display with BACnet/Modbus compatibility and interchangeable sensor modules for easy maintenance. Designed for architecture-conscious installations, it offers seamless configuration tool through the UNO NFC App, available on both iOS and Android platforms.

Sleek. Flexible. Precise.

IAQ Visualization: Flexible by Design

UNOweb and UNOcentral provide standalone IAQ monitoring capabilities, delivering independent air quality awareness without requiring a centralized infrastructure.

UNO IAQ App

MQTT

UNOweb
Cloud Management Platform

UNOcentral
IAQ Management Platform

BACnet IP

Building Management & Control

Modbus RTU, MQTT

Modbus RTU, BACnet MS/TP

UNO Indoor Air Quality Monitor

Modbus RTU, DO
(Low Active)

Fresh Air System

Delta In-Line/
Cabinet Ventilation Fan

Delta Fresh Air
Supply Fan

Delta Energy Recovery
Ventilation (ERV)

UNO Series: Perfect for Various Applications

Residential buildings

Office buildings

UNO IAQ Monitoring Service, Register for Peace of Mind!

IoT

UNO App

A handy platform that shows real-time data, tracks historical trends, and analyzes indices stored on the cloud.
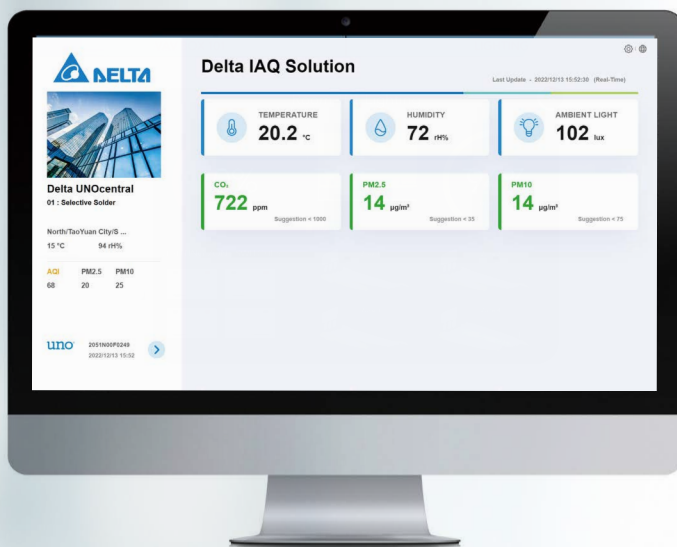
UNOweb Cloud Management Platform

An IAQ information dashboard that is designed to raise awareness of indoor wellness, featuring powerful data tracking and analytics.

Educational institutions

Public spaces

Healthcare facilities

UNO IAQ Sensors
Choose the Right Fit

	UNOnext			UNOlite			UNOslim
	UNO-7TB	UNO-9SW	UNO-10SW	UNO-L/UNO-L1*	UNO-LW	UNO-LWD	UNO-M
General							
Dimensions	14.2cm(L) x 6.8cm(W) x 4.2cm(D)			14.2cm(L) x 6.8cm(W) x 4.2cm(D)			13.2cm(L) x 9.6cm(W) x 2cm(D)
Weight	208 g			188 g			180 g
Display	1.3" OLED			—	—	1.3" OLED	LED Matrix
IAQ Indicator	✓	✓	✓	✓	✓	✓	—
Operating Range	0°C to 50°C, 10-90% RH			0°C to 50°C, 10-90% RH			0°C to 50°C, 0-95% RH
Storage Temperature	-20°C to 70°C			-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			Open, WPA-PSK, WPA2 PSK
Certification	CE, FCC/ISED(IC), NCC, JRF, RCM, SRRC, NBTC, SIRIM, WPC, IMDA			CE, FCC/ISED(IC), SRRC, NCC, JRF, NBTC, SIRIM, WPC, IMDA		CE, FCC/ ISED(IC), SRRC, NCC, JRF	CE, FCC/ISED(IC), NCC, JRF, RCM, SRRC, NBTC, SIRIM, WPC, IMDA
Warranty	1 year			1 year			1 year
Sensor							
Temperature/Humidity	✓	✓	✓	✓	✓	✓	✓
Luminance	✓	✓	✓	—	—	—	—
PM1	—	—	—	✓	✓	✓	✓
PM2.5/PM10	✓	✓	✓	✓	✓	✓	✓
TVOC	✓	✓	✓	✓	✓	✓	✓
HCHO/CO	—	✓	✓	—	—	—	—
CO$_2$	✓	✓	✓	✓	✓	✓	✓
O$_3$	—	—	✓	—	—	—	—
Connectivity							
Modbus RTU	✓	✓	✓	✓	✓	✓	✓
BACnet MS/TP	✓	—	—	✓	✓	✓	✓
BLE Mesh	—	—	—	✓	✓	✓	✓
MQTT	—	✓	✓	—	✓	✓	—
Power							
DC (12-24V)	✓	✓	✓	✓	✓	✓	✓
AC (24V)	—	—	—	✓	✓	✓	✓
Ventilation Control							
RS485	—	✓	✓	—	✓	✓	—
Digital Output	—	DO	DO	—	—	—	Volt Free Contact
Device Management							
App - UNO IAQ App	—	✓	✓	✓	✓	✓	—
App - UNO NFC App	—	—	—	—	—	—	✓
Cloud UNOweb	—	✓	✓	—	✓	✓	—
On-premise (RS485) UNOcentral	✓	✓	✓	✓	✓	✓	✓
On-premise (MQTT) UNOcentral	—	✓	✓	—	✓	✓	—

* Available without the logo

Delta Electronics, Inc.

No. 256, Yang Guang Street, Neihu District, Taipei 114067, Taiwan
TEL : +886-2-8797-2088
FAX : +886-2-2659-8731
Email: uno.sales@deltaww.com