

uno<sup>®</sup>  
lite

PM1 PM2.5 PM10 CO2 TVOC Temp. Humid.

## 7-in-1 Indoor Air Quality Monitor



## UNOlite for Commercial Buildings Connected. Smart. Healthy.

UNOlite is a 7-in-1 indoor air quality monitor designed for BAS systems, it can detect and analyze harmful indoor air factors such as Ultra-fine Suspended Particulates (PM1), Fine Suspended Particulates (PM2.5), Suspended Particulates (PM10), Carbon Dioxide (CO2), Total Volatile Organic Compounds (TVOC), Temperature, and Humidity. The modules offer a long lifespan and an auto-calibration mechanism that make it the best investment for commercial and public buildings.

UNOlite has a sleek, innovative design that also earns extra points for LEED green building and WELL healthy building standards. Tested and certified for PM2.5, CO2 and TVOC sensing accuracy that meets WELL V2 and RESET standards, it ensures the best indoor air quality.



[www.deltaww.com](http://www.deltaww.com)







### Enhance commercial buildings' air with UNOlite

People spend more than 80% of their time in enclosed buildings. UNOlite helps your business achieve and maintain IAQ standards by improving air quality, which can significantly affect your occupants' dispositions, health, and work productivity.



### Smart BACnet-based integration and more

Used in nearly 65% of all projects globally and over 80% in the US\*, BACnet/MSTP supports integrating real-time air quality data into existing Building Automation Systems (BAS) to reduce energy costs and maximize building efficiency. UNOlite supports BACnet, Modbus, and local and cloud MQTT.

\*BSRIA (2018), Market Penetration of Communications Protocols.



### High data accuracy and reliability

UNOlite comes with a sensor test and verification report. It also offers automatic and manual calibration features for optimal performance to ensure long-term data accuracy and reliability.



### Boost wellness awareness

The UNO IAQ App provides users with convenient access to real-time IAQ data anytime, anywhere.



# Detect & Breathe



## Monitor Specification

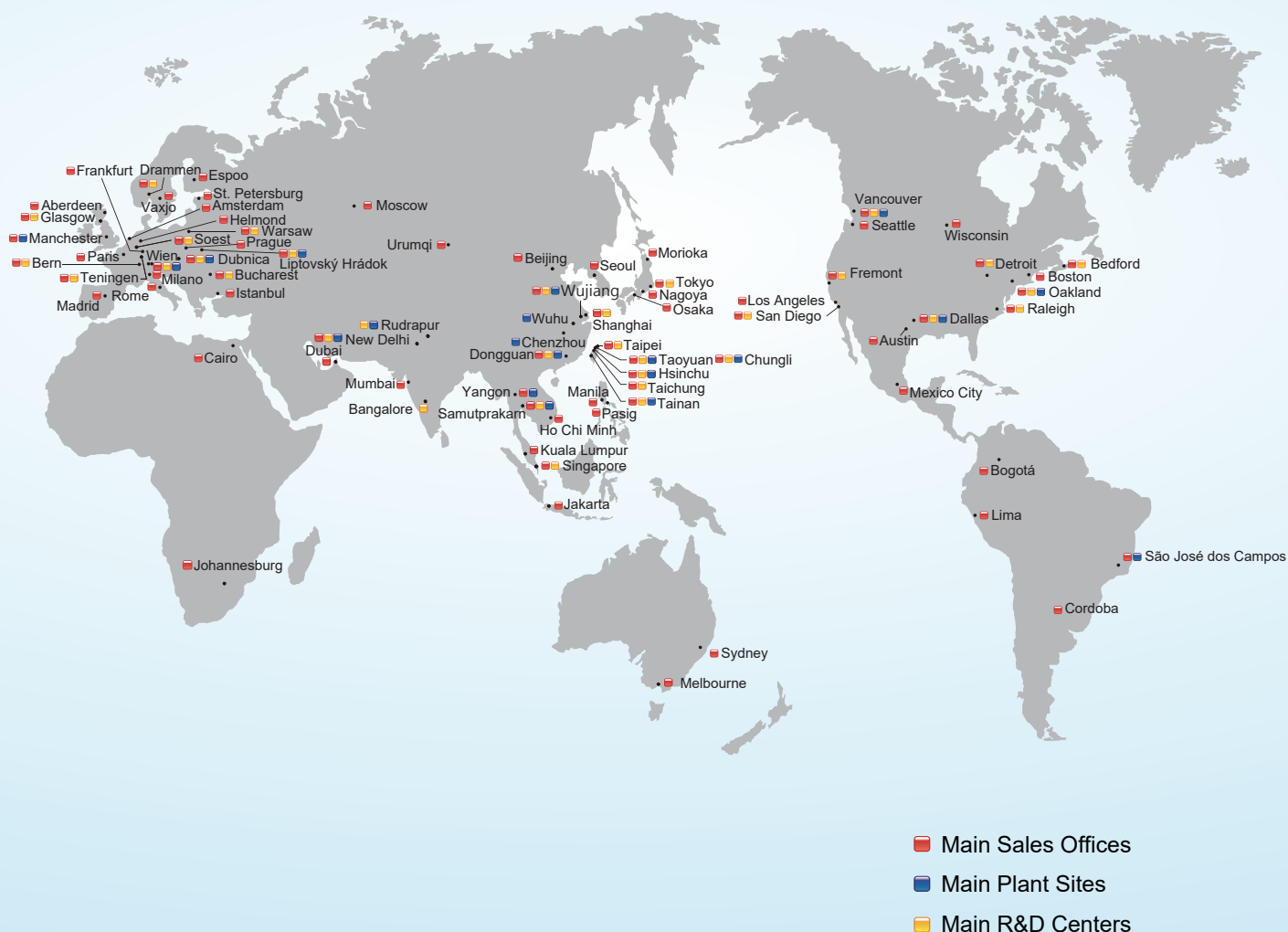
Parameters	Condition	Accuracy
Temperature	0-50°C	±1°C at 25°C and 50% rH
Humidity	10-80% rH	±10% at 25°C and 50% rH
CO <sub>2</sub>	400-5000 ppm	± (50ppm + 5%)
PM1	0-1000 µg/m <sup>3</sup>	± (5 µg/m <sup>3</sup> + 20%) at 0-100 µg/m <sup>3</sup> , ± 10% at 100-1000 µg/m <sup>3</sup>
PM2.5	0-1000 µg/m <sup>3</sup>	± (5 µg/m <sup>3</sup> + 20%) at 0-100 µg/m <sup>3</sup> , ± 10% at 100-1000 µg/m <sup>3</sup>
PM10	0-1000 µg/m <sup>3</sup>	± (5 µg/m <sup>3</sup> + 20%) at 0-100 µg/m <sup>3</sup> , ± 25% at 100-1000 µg/m <sup>3</sup>
TVOC	0-30000 ppb	±15% in lab test (Ethanol)

## System Specification

<b>Model</b>	UNO-L
<b>Operating Condition</b>	0°C to 50°C, 10-90% RH
<b>Power</b>	source 1: 12-24 VDC, 24 VAC source 2: power adapter 12V/1A
<b>Installation</b>	Drywall mount, Electrical box mount
<b>Protocol</b>	Modbus RTU / BACnet MS/TP (Select via DIP switch)
<b>Connection</b>	RS485, BLE5.1
<b>Accessories</b>	Two types of wall mount cradle
<b>Warranty</b>	1 year
<b>Weight</b>	188 g

# Global Operations

	Asia-Pacific	Americas	EMEA	Total
Global Sales Offices	100	25	33	158
Global Plant Sites	40	4	4	48
Global R&D Centers	48	9	15	72



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