

uno[®]
lite

BACnet Indoor Air Quality Monitor

UNO-lite

Model: UNO-L

Delta P/N: DSUBDE-UNO-0004

- Monitoring 7 key factors: particulate matter (PM1, PM2.5, PM10), volatile organic compounds (VOCs), carbon dioxide (CO2), humidity, and temperature
- Get current air quality indicators from the color-coded LED, and easily get more insights about air quality by using the UNO IAQ APP (iOS, Android) at any time
- RESET Air Accredited Monitor
- This product is aligned with the WELL Building Standards™



WORKS WITH WELL



RESET ACCREDITED

System Specifications

Operating Condition	0°C to 50°C, 5-95% RH con-condensing
Power	source 1: 12~24VDC or 24VAC source 2: power adapter 12V/1A
	6W max. (12 VDC)
Installation	Drywall mount, Electrical box mount
Accessory	Two types of wall bracket for EU Single- Gang (Horizontal) and CN 86 BOX
Warranty	1 year
Weight	188 g

SPECIFICATIONS		
UNOLite Model : UNO-L Delta P/N: DSUBDE-UNO-0004		
Protocol Output	Protocol	Modbus RTU or BACnet MS/TP (Switch via DIP)
	Connection	2-wire RS-485 no isolation
	Data Rate	Default: 9600 Selectable via Modbus: 9600, 19200, 38400, 57600, 76800, 115200
CO ₂	Address Range	208-239 (Switch via DIP)
	Type	Acoustic Non-dispersive Infrared (NDIR)
	Accuracy	± 50 ppm + 5% of reading (over 400 ppm to 5000 ppm)
	Resolution	1ppm
	Range	400-5000 PPM
Relative Humidity	Sample rate	Default: 10s, LPM: 30s
	Type	Digital CMOS
	Accuracy	± 10 %RH (Programmable via APP set to *LPM can achieve ± 5% RH) (over 10-90% RH)
	Resolution	0.1%RH
Temperature	Sample rate	1s
	Operating range	5-95 %RH
	Type	Digital CMOS
	Accuracy	± 1°C (Programmable via APP set to *LPM can achieve ± 0.5°C) (over 10-40 °C)
	Resolution	0.1°C
TVOC	Range	10-40°C (50-100°F)
	Sample rate	1s
	Type	Metal oxide semiconductor
	Gas	Total VOC
	Accuracy	± 4 ppb + 15% of reading (over 1-200 ppb) (1 ppb = 4.57 µg/m ³) equal to ± 20 µg/m ³ + 15% of reading (over 1-500 µg/m ³) in Lab. test by Ethanol
	Resolution	1 ppb
	Range	1-1500 ppb
PM _x	Response time	1s
	Sample rate	1s
	Output	1-1500 ppb
	Type	Optical
	Size Range	PM1.0, PM2.5, PM10
	Scale	1-1000 µg/m ³
	Resolution	1 µg/m ³
Compliance	Lower detection limit	0.3 µg
	Sample rate	Default: 10s, LPM: 5min
	Precision	± 5 µg/m ³ + 20% of reading (over 1-100 µg/m ³ range) ± 25% of reading (over 101-500 µg/m ³ range)
	Agency Accreditations	NCC, RoHS RESET Air Accredited Monitor
Remarks	Standards	This product is aligned with the WELL Building Standard™. Facilitates compliance with ASHRAE 62.1 standard for air quality Contributes toward satisfying Feature A08 and T06 under WELL Building Standards®
		*LPM: Switch device to Low Power consumption Mode to achieve more accurate Temperature and Humidity. Product performance can be influenced by both installation and environmental factors. We recommend adhering to the installation guide to ensure optimal results.