

uno[®]
lite



BACnet Indoor Air Quality Monitor

UNOLite

UNO-L

- Cost effective
- Multiple IAQ monitors
- Supported BACnet MS/TP and Modbus RTU
- Meet Q1 2022, v2 WELL A08 Requirements
- Expected lifespan 8 years
- iOS & Android Mobile APP
- Onboard memory for 1 year data storage

System Specifications

Model	UNO-L
Operating Condition	0°C to 50°C, 10-90% RH
Power	source 1: DC 12-24, AC 24 source 2: power adapter 12V/1A 6W max. (12VDC)
Installation	Drywall mount, Electrical box mount
Protocol	Modbus RTU / BACnet MS/TP (Select via DIP switch)
Connection	RS485, BLE5.1
Accessory	Two types of wall mount cradle
Warranty	1 year
Weight	188 g

Sensor Specifications

Parameters	Condition	Accuracy
PM1	0-1000 $\mu\text{g}/\text{m}^3$	$\pm (5 \mu\text{g}/\text{m}^3 + 20\%)$ at 0-100 $\mu\text{g}/\text{m}^3$, $\pm 10\%$ at 100-1000 $\mu\text{g}/\text{m}^3$
PM2.5	0-1000 $\mu\text{g}/\text{m}^3$	$\pm (5 \mu\text{g}/\text{m}^3 + 20\%)$ at 0-100 $\mu\text{g}/\text{m}^3$, $\pm 10\%$ at 100-1000 $\mu\text{g}/\text{m}^3$
PM10	0-1000 $\mu\text{g}/\text{m}^3$	$\pm (5 \mu\text{g}/\text{m}^3 + 20\%)$ at 0-100 $\mu\text{g}/\text{m}^3$, $\pm 25\%$ at 100-1000 $\mu\text{g}/\text{m}^3$
CO ₂	400-5000 ppm	$\pm (50\text{ppm} + 5\%)$
TVOC	0-30000 ppb	$\pm 15\%$ in lab test (Ethanol)
Temperature	0-50°C	$\pm 1^\circ\text{C}$ at 25°C and 50% rH
Humidity	10-80% rH	$\pm 10\%$ at 25°C and 50% rH

Dimensions	
Remarks	Product are affected by installation and environment, please follow the installation guide.

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