



Indoor Air Quality Monitor

UNOnext

- Supported BACnet MS/TP (UNO7-TB only) and Modbus RTU
- Meet Q4 2023 v2 WELL Indoor Air Monitors Requirements
- 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
- Provides on-site calibration solution
- Expected lifespan 8 years
- iOS & Android Mobile APP
- Made in Taiwan



WORKS WITH WELL



RESET ACCREDITED

Delta UNOnext Sensor Specification		
Operating Condition	Temperature	0-50°C
	Humidity	5%-95%RH
Power	Input Source 1	9~24VDC via terminal connector
	Input Source 2	110~120AC to 12VDC/1A Power adapter
Connection	Wireless	Bluetooth low energy and Wi-Fi 2.4G (UNO-6SW, UNO-9SW, UNO-10SW)
Installation	Wallmount Cradle	For Single gang box horizontal, Double gang box and CN 86 box
Dimensions	Product body	14.2cm(L) x 6.8cm(W) x 4.2cm(D)
	Wallmount Cradle	12.8cm(L) x 12.8cm(W) x 0.7cm(D)
Weight	Product body	218g
Protocol Output	Protocol	Modbus RTU or BACnet MS/TP (UNO-7TB only, switch via DIP)
	Connection	2-wire RS-485 no isolation Default: 9600
	Data Rate	Selectable via Modbus: 9600, 19200, 38400, 57600, 76800, 115200
	Address Range	208-223 (Switch via DIP)
Digital Output	Type	MCUs relatively low-voltage 0 VDC to high-voltage 12 VDC
	Source	CO ₂ setpoint, TVOC setpoint, PM2.5 setpoint,
	Output	Default: 0 V Active: 12 V
CO ₂	Type	Non-dispersive Infrared (NDIR)
	Accuracy	± 30 ppm + 3% of reading (over 400 PPM to 2000 PPM)
	Resolution	1ppm
	Range	400-9999 PPM
	Response time T _{63%}	90 seconds
	Sample rate	6s
Relative Humidity	Type	Digital CMOS
	Accuracy	± 5%RH (over 10 to 90% RH range, Must to do calibrate the temperature after fixed installation)
	Resolution	0.1 %RH
	Sample rate	3s
Temperature Transmitter	Type	Digital CMOS
	Accuracy	±1°C (over 10-40°C range)
	Resolution	0.1°C
	Range	10-40°C (50-100°F)
	Unit	Default is °C Switch to °F via Modbus
	Response time	30s
	Sample rate	1s
TVOC (Optional)	Type	Metal oxide semiconductor
	Gas	Total VOC
	Accuracy	15% of reading (over 1-125 ppb range)
	Resolution	1 ppb
	Range	1-1500 ppb
	Response time	10s
	Sample rate	1s
	Output	1-1500 ppb
PMx	Type	Optical
	Size Range	PM2.5, PM10
	Scale	1-1000 µg/m ³
	Resolution	1 µg/m ³
	Lower detection limit	0.3 µg
	Response time	10s
	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)
HCHO (CH ₂ O) (Optional)	Type	Electrochemistry
	Lifespan	2 years
	Accuracy	± 15% of reading (over 0-100 ppb range)
	Resolution	1 ppb
	Range	0-5000 ppb
	Sample rate	10s
	Response time	60s
	Output	0-5000 ppb
CO (Optional)	Type	Electrochemistry
	Lifespan	6 years
	Accuracy	± 20 PPM or ± 5% of reading
	Resolution	1 PPM
	Range	0 - 500 PPM
	Sample rate	10s
	Response time T _{90%}	30s
	Output	0 - 500 PPM
Ozone (Optional)	Type	Electrochemistry
	Lifespan	2 years
	Resolution	0.1 PPM
	Range	0.5 - 10 PPM
	Sample rate	10s
	Response time	90s
	Output	0.5 - 10 PPM
Operating Environment	Temperature	0 to 50°C (32 to 122°F)
	Humidity	0-95% RH non-condensing
	Agency	CE, RoHS
	Accreditations	RESET Air Accredited Monitor
	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 under WELL Building Standards®
Remarks	Product performance can be influenced by both installation and environmental factors. We recommend adhering to the installation guide to ensure optimal results.	