

[Features]

- 100% MIT.
- ISO9001 manufacturing plant with quality guaranteed.
- The instrument contains a built-in battery which can be used for dual-purpose patrol inspection and continuous monitoring.
- The system can directly control with proper devices(fan/air cleaner) to implement fully IAQ management.
- Operate with web pages and Wi-Fi(no app needed), and download data with specified time.
- Instant messaging through Line or communication software to achieve paperless management.
- The sensors have CE and FCC certification.
- Conform to EPA monitoring panel regulations.
- The data is recorded on local machine, and no app needed, without the problems of information security and fee.
- In the future, the on-site calibration service will not need to disassemble.
- Carousel function (Videos or pictures on the website).
- Uploaded carousel videos or pictures through USB flash drive.



[Applications] kindergarten、nursing home、office、department store、restaurant, etc.

[Optional Code] CTV — Code1 — Code2 — Code3 CTVP — Code1 — Code2 — Code3

Code1	G6	Code 1	G6	Code 1	G6	Code 2	Sensor	Code 3	G6 Communication
N	None	B110	Black/110VAC	B220	Black/220VAC	P2	PM2.5	N	none
		W110	White/110VAC	W220	White/220VAC	P1	PM10	485	RS-485
								BT	BT-Mesh

[Specifications]

Sensor		
Power	Adapter	◆AC input : 100 ~ 240V(50/60Hz) ◆DC : 5V maximum 2A current
	Equipment	◆DC input : 5V ◆Power consumption : 2W
Environment	0~50°C · 0%~95%(non-condensing)	
Communication	Wi-Fi(Modbus TCP), RS485(Modbus RTU),BT-Mesh(Optional)	
Display Panel	0.96 inch LCD · Display measurement Name, Value and Unit.	
Physical conditions	Dimension (mm)	104x135x40 (W x H x D)
	Weight	128g
	Installation	Wall mounting /Portable /Desktop
Housing	Material	ABS
Certificate	FCC Part 15:Subpart B Class B CISPR 22:2008 Class B · EN55022:2010:ClassB,EN55032:2012:ClassB,EN61326-1:201 · IEC61000-4-2:2008 · IEC61000-4-8:2009 · IEC61000-4-3:2006+A1:2007+A2:2010	
Item	CTV	Temp / RH / CO2 / PM2.5 or PM10
	CTVP	CO2 / HCHO / CO / PM2.5 or PM10

Display system	
Screen size	32 inch
Aspect ratio	16 : 9
Display resolution	1366 x 768
Dimensions (W x H x D)	731x463x194mm
Without stand (W x H x D)	713x420x66mm
N.W. / G.W.	3.56kg / 5.31kg

Sensors Principle	Range	T90	Operating temperature	Resolution	Accuracy	Environmental equilibrium time
Temp Resistance	-40~125°C	<60 S	-20~60°C	0.1°C	±0.4°C	10min
RH Capacitive	0~100%	<60 S	-20~60°C	0.1%	±3%	10min
CO2 Infrared	0~10,000ppm	<120 S	0~50°C	1 ppm	±30 ppm ±3% of Reading	10sec
PM2.5 Laser	0~1,000µg / m ³	<90 S	-10°C~65°C	0.1 µg / m ³	±10µg / m ³ ±5% of Reading	5min
HCHO Electorchemistry	0.01~2.00ppm	<120 S	-10°C~50°C	0.01ppm	≤ ± 0.02 ppm ± 2% of Reading	10min
CO Electorchemistry	0~100ppm	<180 S	0°C~50°C	0.1ppm	± 5ppm	10 min
PM10 Algorithm	0~1200 µg / m ³	<90 S	-10~65	0.1	±10µg / m ³ ±5% of Reading	5min

【CTVP】 Sensors : CO2/HCHO/CO/PM2.5 or PM10

