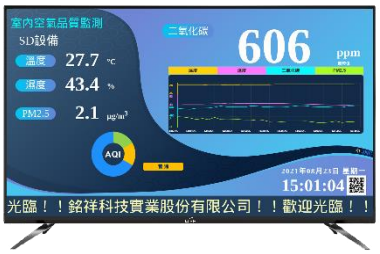
JNC IAQ system Certification

CTV
CTVP

[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.

【CTV】Sensing item：Temp/RH/CO_2/PM2.5 or PM10





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

[Optional Code] CTV ─ Code 1 ─ Code 2 ─ Code 3　CTVP ─ Code 1 ─ Code 2 ─ Code 3

Code 1	G6	Code 1	G6	Code 1	G6	Code 2	Sensor	Code 3	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]

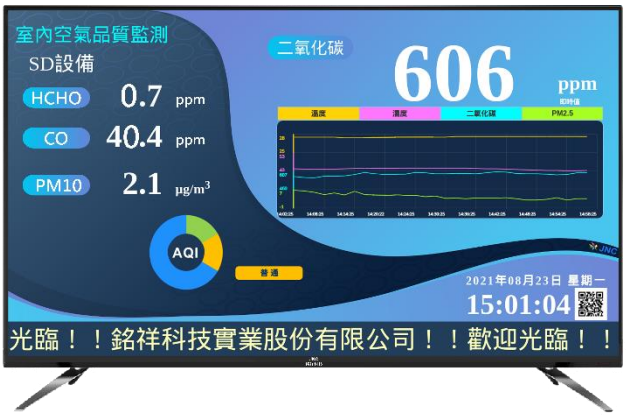
Sensor		
Power	Adapter	◆AC input：100～240V(50/60Hz)　◆DC output：5V maximum 2A current
	Equipment	◆DC input：5V　◆Power consumption：≦3W
Environment	0~50℃，0%~95%(non-condensing)	
Communication	Wi-Fi(ModBus TCP)、RS-485(ModBus RTU)、BT-Mesh（Optional）	
Display Panel	0.96 inch LCD，Display measurement Name, Value 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

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Display system specifications	
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℃	<60 S	-20~60℃	0.1℃	±0.4℃	10min
RH Capacitive	0~100%	<60 S	-20~60℃	0.1%	±3%	10min
CO2 Infrared	0~10,000ppm	<120 S	0~50℃	1 ppm	±30 ppm ±3% of Reading	10sec
PM2.5 Laser	0~1,000μg / m³	<90 S	-10℃~65℃	0.1 μg / m³	±10μg / m³ ±5% of Reading	5min
HCHO Electorchemistry	0.01~2.00ppm	<120 S	-10℃~50℃	0.01ppm	≦ ± 0.02 ppm ± 2% of Reading	10min
CO Electorchemistry	0~100ppm	<180 S	0℃~50℃	0.1ppm	± 5ppm	10 min
PM10 Algorithm	0~1200 μg / m³	<90 S	-10~65	0.1	±10μg / m³ ±5% of Reading	5min

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





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