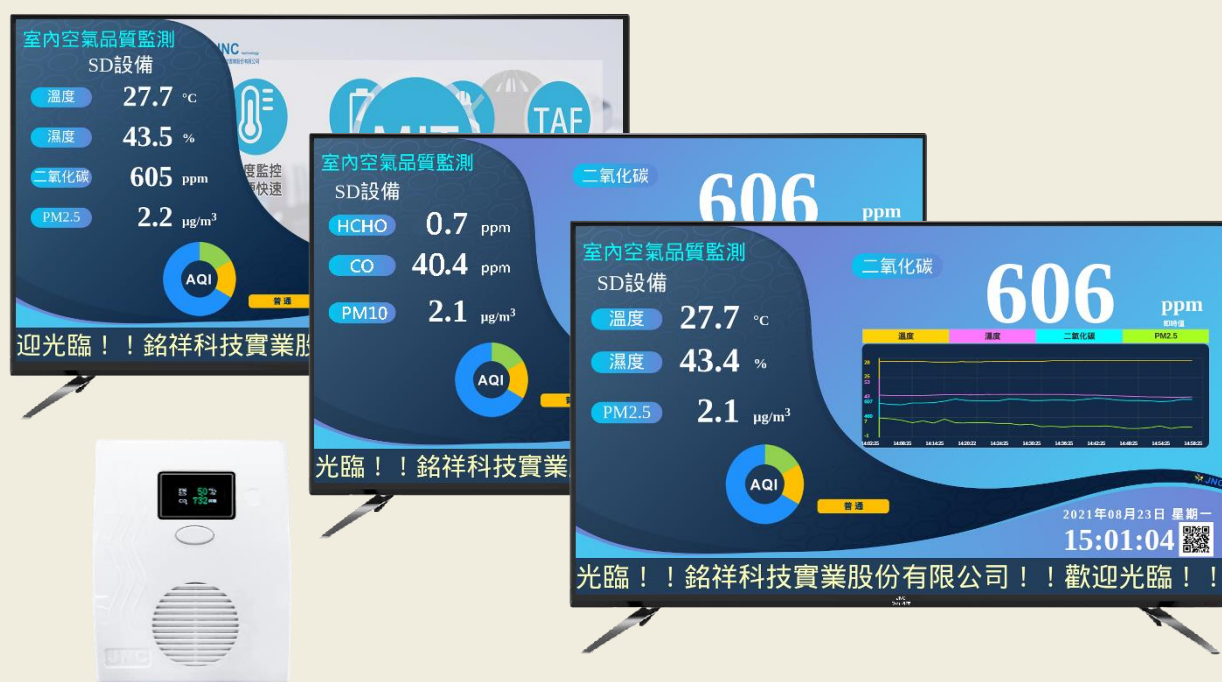


IAQ system Certification

Model: CTV/CTVP

Operation Manual

V1.07



JNC technology

銘祥科技實業股份有限公司

Catalogue

PART 1.PRODUCT DESCRIPTION 1

- 1.1 SPECIFICATION 1
- 1-2 CCTV SYSTEM STARTUP AND COMMUNICATION 3
- 1.3 STEPS TO CONNECT TO CTV SYSTEM 4
- 1.4 CTV SYSTEM MOBILE PHONE CONTROL PAGE 6

PART 2.CTV SYSTEM LCD TV DISPLAY PAGE 11

PART 1.PRODUCT DESCRIPTION

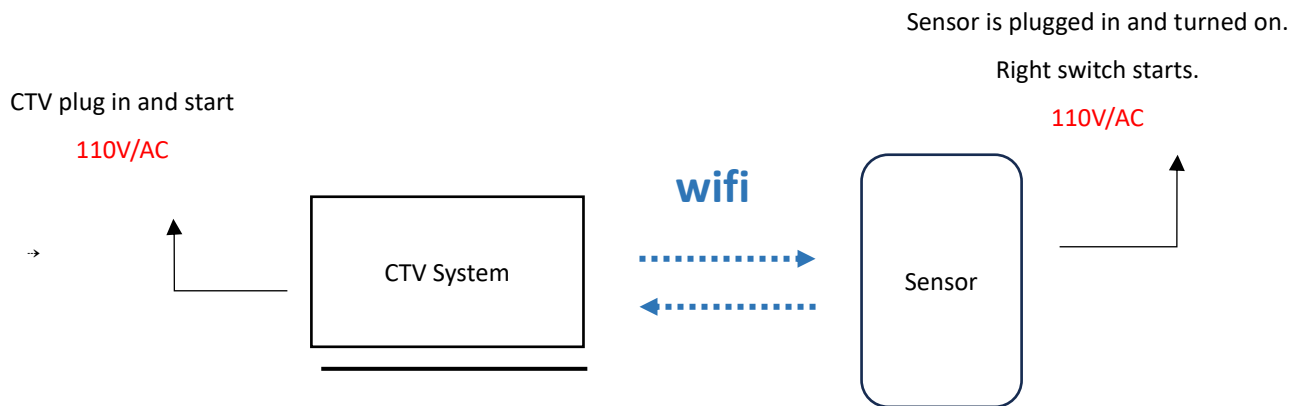
1.1 SPECIFICATION

Sensor specifications	Power supply	Adapter	◆AC input : 100 ~ 240V(50/60Hz)	◆DC output : 5V maximum 3A 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 screen	0.96 inch LCD · Display measurement Name, Value and Unit.		
	Physical conditions	Dimension (mm)	104x135x40 (W x H x D)	
		Weight	128 g	
		Installation	Wall mounting /Portable /Desktop	
	Shell	Material	ABS	
	Safety certification	FCC Part 15:Subpart B Class B CISPR 22:2008 Class B · EN55022:2010:ClassB,EN55032:2012:ClassB,EN61326-1:2013 · IEC61000-4-2:2008 · IEC61000-4-8:2009 · IEC61000-4-3:2006+A1:2007+A2:2010		
Sensing items	CTV	Temp / RH / CO2 / PM2.5 or PM10		
	CTVP	CO2 / HCHO / CO / PM2.5 or PM10		

Monitor specifications	Panel size	32 inches
	Zoom	16 : 9
	Resolution	1366 x 768
	Appearance size (W x H x D)	731x463x194mm
	Does not include foot stand (W x H x D)	713x420x66mm
	Net weight/gross weight	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
CO ₂ (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 (Electrochemistry)	0.01~2.00ppm	<120 S	-10°C~50°C	0.01ppm	≤ ± 0.02 ppm ± 2% of Reading	10min
CO(Electrochemistry)	0~100ppm	<180 S	0°C~50°C	0.1ppm	± 5ppm	10 min
PM10(Algorithm)	0~1200 µg / m ³	<90 S	-10~65	0.1µg / m ³	±10µg / m ³ ±5% of Reading	5min

1-2 CCTV system startup and communication



After the CTV system is plugged in and started, it will automatically communicate with the sensor to read the channel value.

The CTV system and the sensor communicate through WIFI, so please pay attention to whether the distance between the CTV system and the sensor is within the effective distance of the WIFI.

The host of the CTV system communicates with the LCD TV through the HDMI interface. If there is no screen display after starting the CTV system, please click on the signal source on the LCD TV remote control to check whether the signal source has changed.

Normally, you can use the LCD TV remote control to turn off the LCD TV.

1.3 Steps to connect to CTV system

Step 1

Turn on the WIFI function of the mobile phone and join the WIFI of CTVXXXX (XXXX is **the device serial number**)



※If you need to enter the WIFI password, please enter:

12345678

Step 2

After joining WIFI, use the camera function of your mobile phone to scan the QRcode icon on the CTV screen

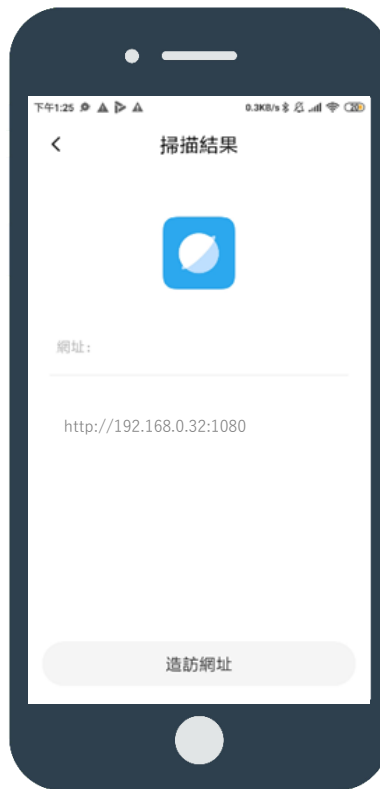


※If you cannot scan the QRcode, please open the browser and enter:

192.168.0.32:1080

Step 3

Scan the QRcode icon and you will get a URL. Click the link to enter the URL and enter the CTV system control.



Step 4

Default login password: 1234



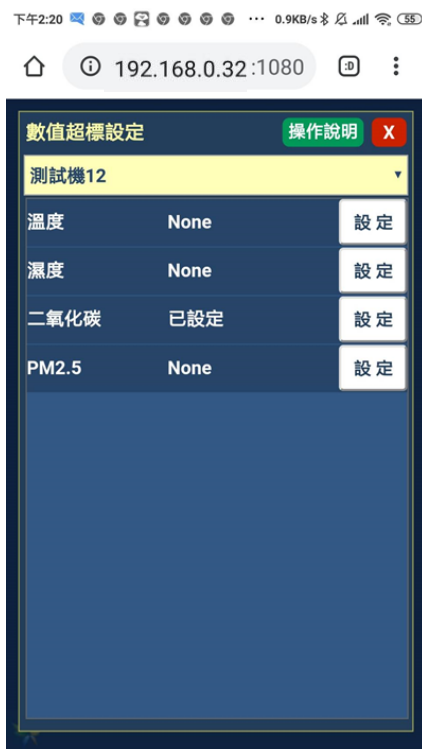
1.4 CTV system mobile phone control page



Function overview



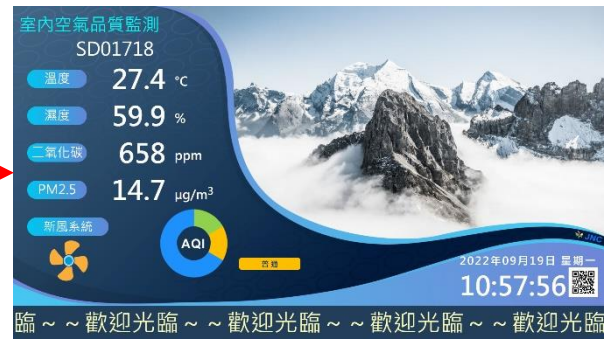
(1) Show settings page



(2) The value exceeds the standard setting



(3) Positive pressure ventilation control settings



(4) Carousel settings page



Upload steps:

1. Select the file first ①
2. Select the Upload File button ②
3. After the upload is completed, it will be displayed in the list below ③, click to highlight the name and click to set the play file ④, that is, the selected file will be rotated.

上午10:59 3.7KB/s 192.168.0.32:1080/i

記錄下載

操作說明 X

開始時間

2021 年 08 月 09 日
10 時 59 分 20 秒

結束時間

2021 年 08 月 10 日
10 時 59 分 20 秒

☐ 每小時平均

SD設備

☒ 溫度
☒ 濕度
☒ 二氧化碳
☒ PM2.5

全選 下載CSV

(5) Record download

上午10:59 2.4KB/s 192.168.0.32:1080/i

CTV系統設定

操作說明 X

IP 192.168.0.32
Port 1080
Mask 255.255.255.0
Gateway 192.168.0.1

儲存

指定設備 SD設備 儲存

記錄週期 60 (秒) 儲存

(6) CTV system settings

上午10:59 2.8KB/s 192.168.0.32:1080/i

CTV

登出

顯示設定

設備設定

操作說明 X

新增設備
修改設備
刪除設備
設備狀態

CTV系統設定

設備設定
權限設定

(7) Device settings

上午11:00 1.1KB/s 192.168.0.32:1080/i

重設密碼

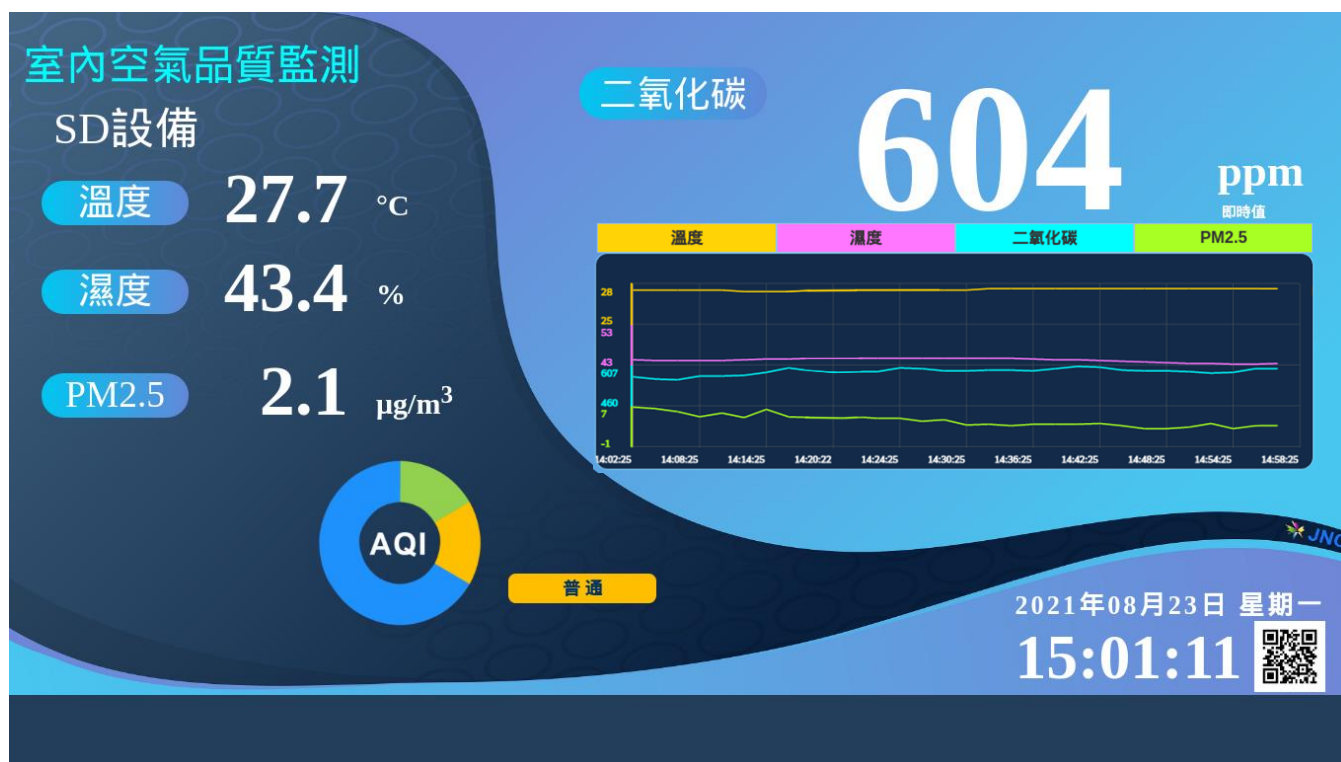
操作說明 X

新密碼

重設密碼

(8) Permission settings

PART 2.CTV SYSTEM LCD TV DISPLAY PAGE



Trend chart page



Trend chart page (including marquee)

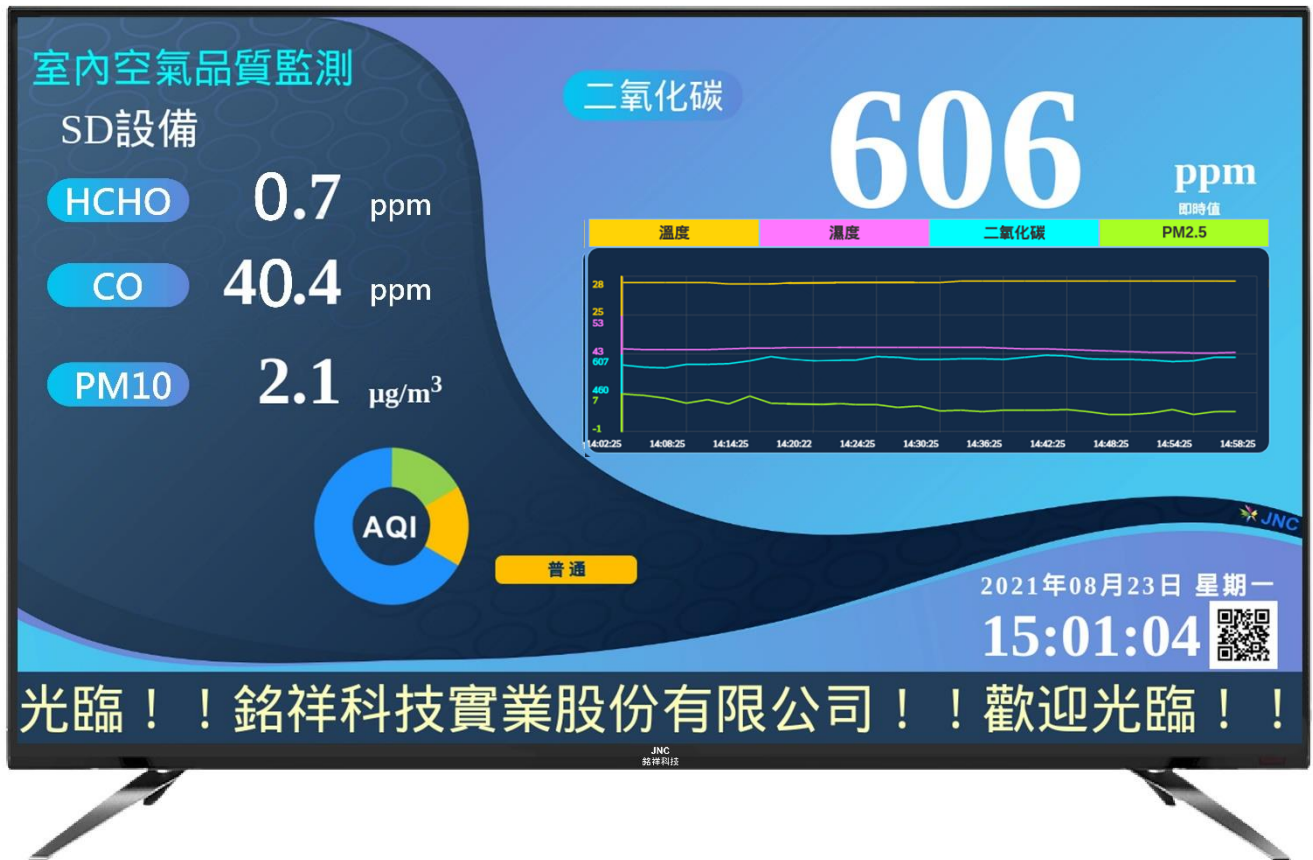
Carousel page



Carousel page (including marquee)



【CTVP】 Sensing items : CO2 / HCHO / CO / PM10





ISO 9001
V1.07 2023/04/11

717 No. 33, Ln. 428, Sec. 3, Wenhua Rd., Rende Dist., Tainan City

Telephone : +886-6-311-0008 <http://www.jnc-tec.com.tw>

Fax : +886-6-311-0522 Email : jnc.jnc@msa.hinet.net

The company reserves the right to modify the content of the copy without prior notice.