

Asianda

LCD VIDEO WALL Operation Manual

English Version

Attn Customer:

Thank you for purchasing and choosing Our LCD Video Wall processor, Please check all the the boxes and accessories are in good condition when you open it.Before connecting parts and power, please read this manual and keep this manual for later use.

Note:

To use the software, we recommend to copy the content from CD to PC first, othewise, the language may not show in English when you open the CD directly.

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1. Video Wall Controller handle steps

1.1. Step1: cable connecting

After connecting the signal sources, and COM cable, insert the RJ45 cable into the USB connector then connect to PC .(before connect, ensure the software had been installed on PC. advance.) Then find the COM ID from device management, as below:

File Action View Help
Computer Management (Local System Tools Task Scheduler Event Viewer Computer Computer Computer Computer Disk drives Doubles and Groups Computer Device Manager Disk Management Storage Disk Management Services and Applications Communications Port (COM1) ECP Printer Port (LPT1) Thetl(R) Active Management Technology - SOL (COM3) Processors Sound, video and game controllers System devices System devices System devices Universal Serial Bus controllers

Example, the COM port in this picture is COM1.

1.2. Step2:Setting controls

Open KRD Control Software.exe and Click "Com. Setting" in "System Config", select Wireless in Connect Method. Then input IP Address:10.10.100.254 and Port number:8899 as below. Click "Ok" to close the window of Comm Config. Click "Open "&"Close" buttons in "Port Operate", to test the connection availability between software &screens.

Connect Method		
© Serial P	ort	
Serial Port Setting		
LCD Control ports	Video Control ports	VGA Control ports
Com Num. COM3 -	Com Num. COM1 ▼	Com Num. COM4 ▼
	© Refresh	
Wireless Setting		
IP Address 10.10.100	.254	
Port 8899		
Auto Open	o v	Cancel

1.3. Step 3: splicing opteration

Set the "	User Name"a	nd "User Lo	go"			
Normal Large-S	Screen Control System	ng Bullon and	then click "Apply"			
Port Operate	Config Other					
		Splice Setting	2	0		
Port Setting	Splice Setting	User Name:	Large-screen sof	ftware		ninese
2		Splice Type:	6 🔻 row	6 💌	col	
		User Logo:	Ż		Dicture	Input age c Type
1			Large-so	reen sof	tware	
moteAddr:10.10	.100.254 User : oper	ator			2016/8/	14 15:16:43 Sun

The Matrix config has the following features:

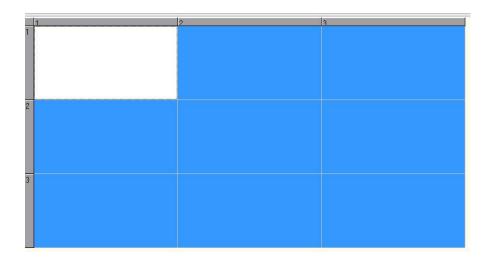
Matrix configurations: choice of the use of matrix models and set the address

Port Match: Is the big screen location corresponding to the matrix output channel For example: the large screen, a screen corresponding matrix of the first channel output, and so on ID: is used to set the Matrix address if the address does not know, please contact Matrix manufacturers The response time: matrix and splicing time between the command Time interval: the matrix between the time the command

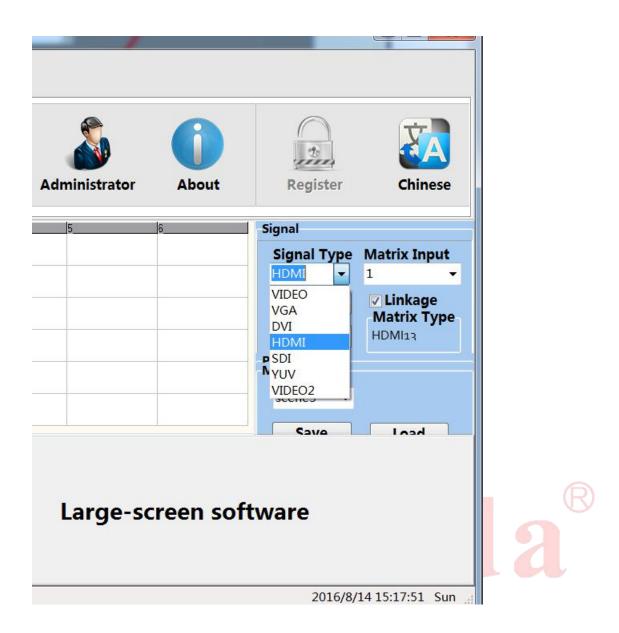
perate	502			6	6	2	Ţ,
Setting	Splice Setting	Matrix Setting	Administrator	Abou	t Reg	and the second se	Chinese
Mat	rix Setting						• X
Matrix b			0.0.22			1	
100000000		e connection dia	Matrix Type:AV		Matrix Select		
78	9 10 11 12		Addin 1990.AV		Video Matrix	CZ-AV	•
19 20	4 15 16 17 18) 21 22 23 24			۲.	VGA Matrix	VGA14	
	6 27 28 29 30 2 33 34 35 36		Port Match		DVI Matrix	DUITOF	
					DVIMauix	DVIUS	
			AV Customer		HDMI Matrix	HDMI13	-
Mar	ual configuration	: from the beginn	ing 0 is		SDI Matrix	CZ-VGA	÷
		guration must be					
Add	itional						
ID	The response tir	me Matrix Input A	Amount				
	/ideo Matrix Inpu	t DVI Matrix	Input		- Park		
F	32	32			S OK	Close	
	/GA Matrix Input	HDMI Matr	ix Input				

(1) Splicing Region

First mouse to move to (1,1) coordinates of the box grid, press the button, then hold down the mouse to move to the (3,3) coordinates of the box grid, and then release the left button, the blue area that is, selected splicing Regional.



(2) Select the signal type, please contact your system to select: VIDEO, VGA,DVI,HDMI,VIDEO2, and then click "Run" button. ("Single" button : each splicing unit single-screen display)



(3)If have matrix, with $\sqrt{}$ in the matrix linkage can choose to display matrix output channel. Specific settings with reference to the matrix description.

(4)Splicing region

	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						

The above diagram, for example, the system is a 6X6 Splicing screen , and the need to coordinate (2,2) - (4,4) region spliced into a 3X3 large screen display.

Signal type is the "VIDEO" matrix channel 1.

Operating according to look at an example:

(1)First mouse to move to (2,2) coordinates of the box grid, press the button, then hold down the mouse to move to the (4,4) coordinates of the box grid, and then release the left button, the blue area that is, selected splicing Regional.

(2) confirm the model type "VIDEO" matrix channel "2", click "Run" button. (In the open state of the serial port)

1	2	3	4	5	6	Signal
VIDEO	VIDEO	VIDEO				Signal Type Matrix Input
VIDEO	VIDEO	VIDEO				VIDEO VIDEO Z VIDEO VIDE
VIDEO	VIDEO	VIDEO				• Single CZ-AV
						Model
						scene1 👻
						Power
						Delayed 1 sec B PowerOn PowerOff

If you want to save the current settings splicing status, please click the button "Save". Splicing in the form will be stored in the memory of the controller. Turn off the power to restart, you can still load the previous state. Note: "Local Save" takes about 2-3 seconds after clicking, do not line the other operations or turn off the power.



Power Off: Click this button will close the selected area of the display unit power in standby mode Power On: Click this button will open the selected area of the display unit power.

Choose "delayed 1 sec" and click" power on": Each display unit of the selected area will startup delay the last one for one second , do not line the other operations or turn off the power.

1.4.Main Features

User Management

The system set up two operating authority:

(1)An administrator: with full privileges.

(2) Operator: You can only perform basic splicing operation and image adjustment function.

How: Click the main menu ""Administrator"

nput Admin Password:	🖳 Login
	😣 Logout
	Close

Administrator login,, you can modify the administrator login password.

The initial administrator login password is "12345", the password, such as modified keep in mind. The status bar displays the current operating privileges.

"Temperature Control" function introduction(as picture Below):

emperature Control	Testing	Software Updates		
	Fan Moo	le		
Open OClo	se 💿 Ai	uto 🖌 🖌 Apply		R
S				

When use Temp. Control, you can choose "Auto" to recognize temperature automatically or "Manualsetting" to set the RunValue & StopValue, or choose "Open" / "Close" to keep on /off status, multiple combination provide much convenience for users.

"Testing" function introduction(as below):

Temperature Control	Testing	Software Updates	
TI Mode © LG 8 Bit © SUI © LG 10 Bit ✓ Apply	MSUNG	Group Mode A Group B Group Apply	Manual Debug

"Testing" is mainly for panel parameter adjustment. "Ti Mode" is the output signal format of image processor,

Right-mouse Menu introduction(as below)

📃 All-In-One Displa	y Manager	
Serial Operate	System Config Other Setting	
Open Comm	Close Comm	
2	2 Still Image adjustment Save Border Effect	3 Signal VIDEO VGA DVI HDMI VIDEO2 © Run © Single Model
3	Signal pattern Aging Mode Flip Mode Update	Save Load Power Delayed 1 sec PowerOn PowerOff
COM1 opened	User : Administrator	Large-screen software

Still:motion picture still

Image Adjustment: choose this menu to open the image adjustment interface. This feature requires the Administrator mode. Specific follow-up to see "User Management" section.

Video Adjust	m Cartha al	When Settlines			
Effect Rang	ge: 1,1 - 1	L,1		😟 Reset	0
Picture Brightnes Contras Satuation Sharpness	//HDMI/YUV	COLOR TEMP COLOR A Postion = + H Position = + V Position = +		n rate adjustmen:	a
Back Light	- +		🕑 Save	Close	

Adjustment range: selected coordinate unit area of the current operating area. All parameter adjustments will be effective in the selected cell area.

VIDEO signal, adjust the first page (VIDEO) within the parameters.

Picture

Brightness: Adjust the brightness of the screen image.

Contrast: adjust the brightness of the screen image.

Saturation: Adjust the image color depth extent.

Sharpness: Adjusts the screen image clarity and focus Poly.

Postion

Horizontal position: adjust the screen image shows the horizontal position Vertical Position: adjusts the screen image shows the vertical position

 $VGA\ signal,$ adjust the second page (VGA) within the parameters.

Video Adjust		X
Effect Range: 1,1 - 1,1	😨 Reset	
VIDEO VGA DVI/HDMI/YUV COLOR TEMP C	OLOR ADJUST	
Picture Color brightn		
Brightnes = + Red =	Red = +	
Contras = +		
Green	Green	
H Position = + Blue =	Blue = +	
V Position		
Clock -		
Phase 🗖 🕈 🐼 Auto Co	Dlor Auto Pos.	
Back Light 📃 🛨	Save Close	
Picture		
Brightness: Adjust the brightness of the	e screen image.	
Contrast: adjust the brightness of the s		
Horizontal position: adjust the screen ir	-	
Vertical Position: adjusts the screen im	age shows the vertical position	
Clock: Adjust the image sampling frequ	iency	
Phase: Adjust the image sampling phase	se	
Color Bright Balance		
Red: adjust the red component of the c	olor temperature of light balance	
Green: adjust the green component of	the color temperature of light balance	
Blue: Adjusts the color temperature of I	ight balance blue component	
Color dark balance		
Red: adjust the color temperature to ba		
Green: adjust the color temperature ba		
	the dark to balance the blue component	
Auto Color and Auto pos: the system to	automatically adjust image color and di	isplay position.
Note: The "Auto Color or Auto pos " pr	ocess takes about 3-6 seconds after clic	king, do not line the other operations or turn off the
power.		
The reset of the machine: Click this but	ton will be selected region display unit to	o adjust parameters back to factory state
Note: the reset of the machine proces	s takes about 3-4 seconds after clickin	g, do not line the other operations or turn off the
power.		

DVI/HDMI/YUVsignal, adjust the second page (DVI HDMI YUV) within the parameters

🖳 Video Adjust	
Effect Range: 1,1 - 1,1	🕲 Reset
VIDEO VGA DVI/HDMI/YUV COLOR TEMP COLOR ADJUST Picture Brightnes • • Contras • • H Position • • V Position • •	
Back Light = + 🖄 Save	Close

Picture

Brightness: Adjust the brightness of the screen image.

Contrast: adjust the brightness of the screen image.

Horizontal position: adjust the screen image shows the horizontal position

Vertical Position: adjusts the screen image shows the vertical position

COLOR TEMP

Color temperature

Color brightness adjustment

Red: the red component to adjust the color brightness balance Green: the green component to adjust the color brightness balance Blue: the blue component to adjusts the color brightness balance Yellow: the yellow component Adjusts the color brightness balance Purple: the purple component Adjusts the color brightness balance Cyan: the cyan component Adjusts the color brightness balance Gray: the gray component Adjusts the color brightness balance

Color darkness adjustment

Red: the red component to adjust the color darkness balance Green: the green component to adjust the color darkness balance Blue: the blue component to adjusts the color darkness balance Yellow: the yellow component Adjusts the color darkness balance Purple: the purple component Adjusts the color darkness balance Cyan: the cyan component Adjusts the color darkness balance Gray:the gray component Adjusts the color darkness balance

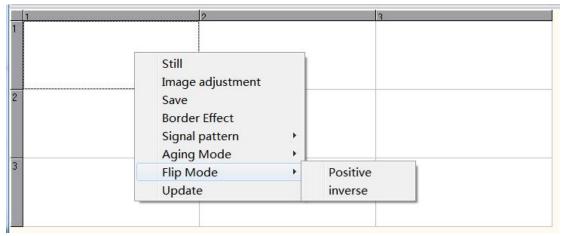
🔄 Video Adjust	Citizen Santia	web.		
Effect Ra	ange: 1,1 -	1,1		🕲 Reset
VIDEO VGA	DVI/HDMI/YU	V COLOR 1	TEMP COLOR A sness Adjustmer	ADJUST
Cyan Gray	- +	Cyan Gray	- +	
Back Light				Save Close

Border Effect		X	
Border Effect			
Use of Border Effect	V Apply		6
H. boder adjust	V. Boder adjust		G

Adjust the level of frame size and the upper and lower frame size in order to achieve better results

1	2		3
2	Still Image adjustment Save Border Effect		
	Signal pattern	•	No signal black screen
3	Aging Mode Flip Mode Update	•	No signal blue screen

"Signal pattern" is to deal with the state of the screen with no-signal;



"Overturn Mode" is the direction of the image display;

2.1 Address Code Setting

(1)andministrator login and then Click "Show SerialNo." in Address Setting. Random SerialNo. will be displayed on all screens. Set the address of the screen according to the corresponding SerialNo.

For example:

	Column	Column	Column	Column	Ē
ROW	Screen SerialNo. 2358 R:1 C:1	Screen 2 SerialNo. 4354 R:1 C:2	Screen 3 SerialNo. 5369 R:1 C:3	Screen 4 SerialNo. 6386 R:1 C:4	
ROW	Screen 5 SerialNo. 5383 R:2 C:1	Screen 6 SerialNo. 6956 R:2 C:2	Screen 7 SerialNo. 3856 R:2 C:3	Screen 8 SerialNo. 7356 R:2 C:4	
ROW	Sercen 9 SerialNo. 3396 R:3 C:1	Screen 10 SerialNo. 8356 R:3 C:2	Screen 11 SerialNo. 9352 R:3 C:3	Screen 12 SerialNo. 1350 R:3 C:4	
ROW	Screen 13 SerialNo.3559 R:4 C:1	Screen 14 SerialNo.5386 R:4 C:2	Sereen 15 SerialNo. 1398 R:4 C:3	Screen 16 SerialNo. 7387 R:4 C:4	

The address for screen 1 set as below:

Testing	Softwar	e Updates	Address settin	Aging Mode
SerialNo		2356		N Set
	Row	1		Lock
Addres	s Col	1	0	Refresh

input 2356 in SeralNo., 1 in Row, 1 in Col and click Set button, "Address set successfully" will be displayed on the screen 1,then click the Lock button, the address will be locked.

The address for screen 8 set as below:

Testing	Softwar	e Updates	Address setti	ng	Aging Mode
SerialNo		7356		₩ S	et
	Row	2		🖸 Lo	ock
Addres	S Col	4	0	Ref	fresh

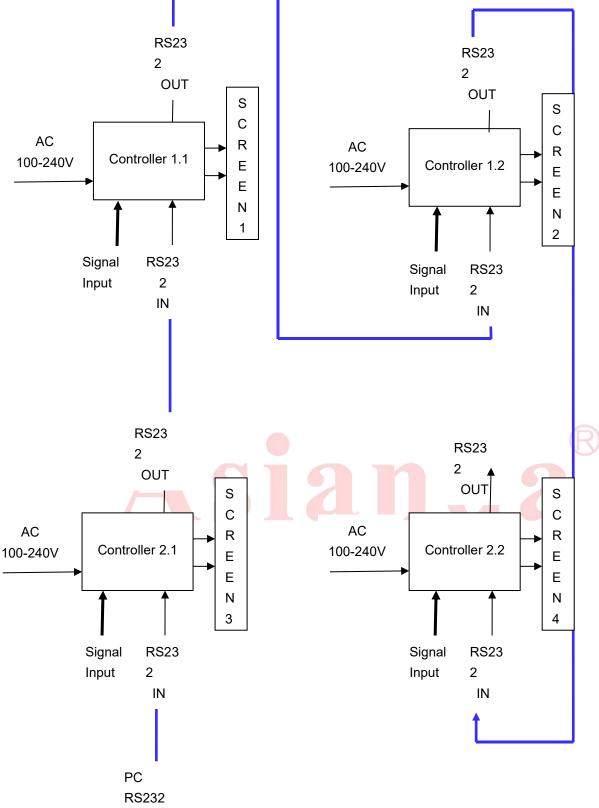
input 7356 in SeralNo., 2 in Row, 4 in Col and click Set button, "Address set successfully" will be displayed on the screen 8,then click the Lock button, the address will be locked.

The address for screen 15 set as below:

Testing	Soft war	e Updates	Address setting	Aging Mod	JUZ
Serial	lo	1398	*	Set	
معاماتهم	Row	4	0	Lock	
Address	Col	3	0 R	efresh	

input 1398 in SeralNo., 4 in Row, 3 in Col and click Set button, "Address set successfully" will be displayed on the screen 15, then click the Lock button, the address will be locked.







2.2 Common faults and solve solutions:

※ Fault 1: Can not turn on the power

Solutions: ① Check the power cable to ensure that both ends are properly inserted into the socket;

- 2 Ensure that the power for providing is accurate and reliable.
- ※ Fault 2: No input signal information display

Solutions: ① Check the signal cable, make sure the connection reasonable;

- 2 Ensure that the associated peripherals are powered on;
- 3 Ensure that the choice of input options match the input signal.
- ※ Fault 3: Remote control does not work
- Solutions: ① Make sure there is no leakage for the battery;
 - 2 Ensure that the remote control within its operating range;
 - ③ Ensure that the remote control point to display the remote control window;
 - ④ Ensure there are no obstructions between the remote control and free window.
- ※ Fault 4: There is flash point or stripe on the screen
- Solutions: ① Equipment, electricity is not connected to the earth
 - ② Ensure that no emissions (cars, high-voltage cables or neon) or other possible sources of interference exist.
- ※ Fault 5: Image color or quality degradation
- Solutions: ① Ensure that all channel settings (such as brightness, contrast, color, etc.) at reasonable adjustment;
 - ② Regarding the video settings for more information, please refer to the OSD introduced.
- ※ Fault 6: The location or size of the screen is incorrect
- Solutions: ① Ensure that the screen position and size adjusted to a reasonable range.

Automatic phase adjustment

- ※ Fault 7: The image or color is not correct
- Solutions: ① Ensure connection of signal cable is reasonable;
 - ② When connected to a computer, you can change the resolution of the computer in order to obtain the correct images. The difference of computer output signal may effect the image display.
- % Fault 8: Warning message
- Solutions: ① Ensure that the input signal line is fixed reasonable;
 - ② Select the correct input signal
- % Fault 9: LCD screen can not display in full-screen
- Solutions: ①Check whether the digital DVI video cable is good ②Signal line interface whether doing something wrong
- % Fault 10: LCD video wall been in blue screen
- Solutions: (1) whether to select the correct video channel
 - 2 signal line off
 - 3 no signal input