

HW81200 User manual

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1. Packing

No.	Name	Qty	Unit	No.	Name	Qty	Unit
1	HW81200	1	Pcs	3	Quick Guide	1	Pcs
2	Power cord	1	Pcs				

2. Diagram



3. PC Control software

To protect environment, this control software will be sent by email and can download from the dealers website, after download or have the software ready, please follow the guide below to get started: When open the control software folder, please click and run the **"VWC_V5.1".exe** file.

vcruntime140.dll	6/9/2016 10:46 PM	Application extension	85 KR
😼 VWC_V5.1	9/2/2020 10:15 AM	Application	7,81 <mark>4</mark> KB

4. Login interface

To click "Settings" login, it will be showing below interface, users can set up the LAN(IP) or the COM(RS232) as below, the default IP address is 192.168.1.199, and the baud rate is 115200.



By default, the user name is Admin and the password is blank, then click "Login" button to log in, it will be showing the "Main" interface as below:

Settings Operation Tool	s Management			
M LAN Discon New C Connect Wi	Linicok With Video Walt	Save Cycle Scene		
Input Source	No.1 6.2.4.8		No.3 6844X	
DMI	Location (0.0)	Location:[1920,0]	Location: [3840.0]	Location (\$760,0)
📟 Input 1	Size:[1920, 1080]	Size.[1920,1080]	Size:[1920,1080]	Size:[1920,1080]
📟 Input 2				
ees Input 3				
1601 Input 4				
ee Input 5		and the second		
set Input 6	Input 2	Input 2	Input 2	Input 2
📟 Input 7				
met Input 8				
imput 9				
me Input 10				
see Input 11				
sie Input 12		× No.6 • 12 # # X	No7 601 # # X	No.8 State
	No 5 Control (0, 1080)	Location [1920, 1080]	No.7 Control (3840,1080)	No.8 Location (5760,1080)
	Size:[1920,1080]	Size [1920.1080]	Size:[1920.1080]	Size [1920.1080]
	Imput 2	Input 2	hqut 2	input 2
	No 9 (4 12 # 14)			
	Location [0,2160]	Location:[1920,2160]	Location: [3840,2160]	Location (5760,2160)
	Size (1920, 1080) Imput 2	502 (1920, 1988) Input 2	Size (1920, 1980) Input 2	Store (1920, 1980) Impail 2

5. Settings

This interface is for users to setup the connect method, Video Wall, Input etc settings:

Connect is for users to setup the communication methods for the control PC and the controller, users can set up the COM and IP address those parameters here. After modified the parameters, will need to reconnect and restart the controller.

Video/Wall Control Soft	ftware Platform V5.1.0			-
Settings	Operation	Tools	Management	
	Settings Menu	57* IP Streaming	1920x1080 60.00Hz * Sore Config	
ir	nput Source		No.1 62244× No.2 62244× No.3 6224×	
 HDMI Imput 1 Imput 2 Imput 3 Imput 4 Imput 4 Imput 4 Imput 5 Imput 6 Imput 7 Imput 7 Imput 9 Imput 9 Imput 9 Imput 9 Imput 10 Imput 12 			Leaders (1900) Sace (1900) 1000 Connect to Videoual controller Connect to Videoual control	
			IP Address: Ethernel(192:166:1.68) • Model Figure 2 Model IP Address: 152:163:100 Modely IP Calerway: (152:163:1) Modely Calerway: (152:163:1) Modely Submediate: (150:0) Modely IP Calerway: (152:163:1) Modely Figure 2 Model Submediate: (150:0) Modely Figure 2 Modely Figure 2 Controls in the same LAN	
			+ 12 ≠ 4 × №0 + 12 ≠ 4 × Leaton (3640,2160)	
			Licensent (1999, 24 Mil) Size (1900, 1960) Input 2 Input 2 Input 3	
Input Source	e Management			
	lanagements			
Network has been				Temp: 40

For the VideoWall setting, it's for users to setup the Video Wall accordingly.

Step 1: According to the controller size & feature to choose the right one, here take example with the 3U 2 winsStep2: Choose the video wall group, here take example VideoWall 1.

Step3: Choose the resolution for the video wall, usually recommend the 1920x1080P@60Hz.

Step4: Set up the Video Wall size, here take example of a 3x3 Video Wall, so the Row is 3, Column is 3, and the click "Create".

Step5: After all the above 4 steps, still need to click the "modify MCU" to finish the settings.

Video Wall Setting			×
			Machine Type 3U 2Wins 1 v
1	2	3	Video Wali Video Wali 1 2 v
			Vedio Wall Type UED 3 VideoWall Resolution
			Resolution:31920x1080 60.00Hz Protocol Type Start Channel: 1
4	5	6	4 Row: 3 ↔ Column: 3 ↔
			Single Display : Max 2 Windows * Pixel Pitch: *
			BackPic Null Yes Banner Preview
7	8	9	Create
			5 Modify MCU Card Setting

For the Input source setting, it's for users to setup the input source group, source and card type.

Input Input Input Input Input Input	out 2 out 3		0 1 2			HDMI HDMI	True True	(0,0,0x0) (0,0,0x0)	(0,0,0x0) (0,0,0x0)	<mark>0x0</mark> 0x0	VideoWall 1
Input Input Input	out 3	3	-			HDMI	True	(0,0,0x0)	(0.0.0x0)	0x0	C
Input Input			2	4						ONO	— Parameters Setting
Input	out 4			1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	
		4	3	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	Device Source: 12
Input	out 5	5	4	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	Source Group No.: 1
	out 6	6	5	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	
Input	out 7	7	6	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	Create
Input	out 8	8	7	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	Parameters Setting
Input	out 9	9	8	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	
Input	out 10	10	9	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	Channel No.: 1
Input	out 11	11	10	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	Card ID: 0
Input	out 12	12	11	1	MIN	HDMI	True	(0,0,0x0)	(0,0,0x0)	0x0	Machine ID: 1
											Card Type: MIN Source Type: HDMI Channel Status: Dopen Channel

For the Initial mode, IP streaming and the Screen config settings are only used when have the specific cards plugged into the controller.

6. Operation

Under this interface, users can see the Connect, Windows, Video Wall and Scene those function.



Connect is for users to click to snyc with controller either by the COM, LAN or to Discon(disconnect). Once click the LAN or COM to sync, the software will pop-up and "wait" window to sync. Windows is for users to open a new window, clear all the windows or lock/unlock the windows Click "New", it will open a window of the selected source to all the connected displays, also show the windows on the control software; Users also can select the source and then use the mouse to drag any size window on the video wall.

If click the "Clear" tap, it will close all the windows:

Video Wall is for users to select and control the specific Video Wall, this processor can support 4 video wall groups. Scene is for users to save the current switching status and setup for the scenes cycling.

To save the current status, users will only need to click the "Save" button, it will pop-up the Save scene window, users can enter the scene name and click to save.

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Settings	the Decon	Tools Man	agement						
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Input 5 Input 6 Input 7 Input 8 Input 9 Input 10			Input 8	a Save Scene	Imput 8	×	input 8		Input 8
input 11		No.5 Location (0,10) Size:[1920.108		ина — — — — — — — — — — — — — — — — — — —	ID. 1 C Scene Name: 12 Windows Contem Cancel	3840,1080] 0,1080]	627 8 7	No.8 Location (\$760, 1080) Size (1920, 1080)	608
			Input 8		input 8		Input 8		Input 8
		No.9		♠ # ● ● × No 10	+D++>	No.11	60 € € X	No.12	*8*
		Location (0,216 Size (1920,108		Location (1920,2160 Size (1920,1080)	I	Location (3840,2160) Size (1920,1080)		Location (5760,2160) Size [1920,1080]	
Input Source	e Management		input Ø		Imput B		Input 8		Input B

Users can click the "Scene Management" at the left down corner, it will show all the saved scenes. Then users can rename it, load or delete it.



Users also can setup the scenes cycling, but click the "Cycle" button on the top of the control software.

VideoWall Control Software Platform V5.1.0	
Settings Operation Tools Management	
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7. Tools

Under this interface, users can setup the bezel correction, screen settings, screen control. Bezel compensation is for the users who have old and large bezel TV, users can set up the Horizontal and Vertical parameter to correct the image showing the displays.



When no bezel correction or correction OFF, it will be showing as below:



When with bezel correction or correction ON, it will be showing as below:



Screen setting is for the users to set up the parameter to control the screens, Turn on or turn off the beep sound of the controller.

😽 VideoWall Control	Software Platform V5.	.0			×
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	ource Management				
	ve Managements				
Network has t	seen connected			Temp: 40	.16°C

The screen control is to select the screens for controller to control them, this function is mainly for turning off or turning on the screens. This function will need to make sure there's a RS232 cable connected the screens and controller, also need to know the COM commands for the screens.

seoWall Control Softv	ware Platform V5.1.0	5						
	Operation	Tools	Management					
Compensation Sc Comp		S Control						
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	Management							

8. Management

Under this interface, users can manage the different users to log in with different rights. To add a new user, will need to make sure it's logged in with under the Admin, then can add/ manage the users. A right click on the "admin", it will show the add users option:

VideoWall Control S	oftware Platform	m V5.1.0		-	_								- ×
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