

When you received panels, please check the flight cases/plywood cases outer package first. Make sure they are intact.

How to make panels installation?

First step: let's take four panels out first and set them up like picture 2 shows.

Next step: push two top locks to upper panels and then push two side locks to the panels nearby.

After that I think you already know how to set all panels up like a complete video wall. (they are easy)

After you set all panels up, then what you need to do is making wire connection. Now please find those cables from the package.



Note: S hort ethercon cable used to connect the signals of the top and bottom or left and right panels

Short powercon cable used to connect the power of the top and bottom or left and right panels

Long lan cable use to connect whole screen signal, normally one cable can load 655,360pixels. (how many cables need, please confirm with our sales) Long power cable use to connect whole screen power, normally one cable can load 16pcs 500x500mm panel(for 500x100mm panel only 8pcs)

Take the screen below as an example:

screen size: 6x3m, total cabinet qty: 12pcsx6pcs, screen resolution: 1,536x768P



Lan Cable 1← →Lan Cable 2

## For the video processor resolution settings. J ust remember two points.

First: Input resolution same to PC, output resolution same to screen. For example, the upper screen resolution is 1536x768, then you need to set the video processor resolution same at 1536x768.

Next step, connect video processor to PC. Please refer to following picture.



DVI cable output from vi deo processor to sending card

Note: According to your screen find a best PC to control the screen. And make sure your PC has Discrete Graphics Card. It is very important, because the screen working just like a monitor duplicate the PC. In other words, you need to set the PC at duplicate mode in PC display settings. About how to set the PC at duplicate mode, please refer to below picture.

		Settings	-	Settings		- 🗆 X
		lome	Customize your display	Home	Customize your display	
View	•	Find a setting ,P		Find a setting $\rho$		
Sort by	•	System		 System		
Refresh		🖵 Display	1 2	 🖵 Display	112	
Paste		IE Apps & features		 IΞ Apps & features		
Paste shortcut		I⊒- Default apps		 I Default apps		
		Notifications & actions	Identify Detect Connect to a wireless display	Notifications & actions	Identify Detect Connect to a wireless display	
Graphics Properti	es	() Power & sleep	Change the size of text, apps, and other items: 100% (Recommended)	O Power & sleep	Change the size of text, apps, and other items: 100% (Recommended)	
Graphics Options	•	Battery		Battery	Crientation	
New	•	🖙 Storage	Crentation V	📼 Storage	Landscape ~	
Screen resolution		风 Offline maps	Adjust brightness level	成 Offline maps	Adjust brightness level	
Gadgets		Tablet mode		Tablet mode		
Personalize		D Multitasking	Duplicate these displays Extend these displays	D Multitasking	Duplicate these displays	
	and the second second	Projecting to this PC	Show only on 1	Projecting to this PC		
		Apps for websites	Show only on 2	Apps for websites	Apply Cancel	
		① About	Apply Cancel	③ About	Advanced display settings	





Okay, let's move to next step. How to configure the screen.

Open NovaLCT, click User-->Advanced Synchronous System UserLogin(A)(please refer to Picture 3), then you are required to input a password. It is 666. After you inputted password you will see the windows changed like Picture 4.

NovaLCT – X System(S) Settings (C) Tools(D) Plug-in (P) User(U) Language(L) Help(H)	NovaLCT     -      X      System(S) Settings (C) Tools(T) Plug-in (P) User(U) Language(L) Help(H)
System(c)     County (c)     County (c)     County (c)     County (c)       Specific provides     Screen Control     Monitoring     Multi-ft     Media Player Login(T)	Quick Configuration Screen Configuration Brightness Calibration Screen Control Monitoring Multi-function Card
Control System Information Control System 0 Other Device 0 <u>View Details of Device</u> Monitor Information	Control System 1 Other Device 0 <u>View Details of Device</u> Monitor Information
No screen, click here for configuration	
Service Status: Service version:3.1.1	Service Status: Service version:test
Picture 3	Picture 4

## Next, click Screen Configuration(Picture 5) till the windows changed like Picture 6. Click Sending Card settings, make sending card resolution sane to graphics output resolution.

		Current Display Mode 3 Sending Card 1920 x 1080(1080P) Graphics Output R., 1920 x 1080 Curre., HDMI
🛛 🔛 🔄 💻 🔛		Select Input Source Video Input Video Inpu
Quick Configuration Screen Configuration Brightness Calibra	tion Screen Control Monitoring Multi-function Card	Source Configuration
Local System Information		Resolution: 1920 x 1080 px - Custom 1920 0 x 1080 0
Control System 1 Other Device 0	View Details of Device	neiresin raie 1 w V M2 Input Source bit De Vuus Set
		Hot Backup Verification
Monitor Information		Redundancy Set the Current Devi 📋 Set as Primary 🔲 Set as Backup
		Primary Backup
		Serial Number of Serial Number of Serial Number of Backup Sending Card Card Backup Port Card Backup Port
		Refeats Sand Add Edd Conta

After, click Receiving Card Settings, normally we had saved configure files to all receiving cards before delivery, thus you can try to read from receiving card like following picture shows. If you read successfully, the resolution shall be changed to 128x128.

Screen Configura	ation-COM99					-	
Sending Card Reco	eiving Card Screen	Connection					
Module Informat	tion						_
Chip:	Common C	Size: 64Wx64H		Scanning Type	1/16 scan		
Direction:	Horizontal	Data Groups 2		Adjust RG			
Cabinet Informa	ition					Set	Rotation
Regular			O Irregular				
Width (Pival	128	e=141	Width:	22 Height	22		
Height /Dive	128		VVIGUI.	ri noight			
Height (Fixe		4=512	Loading	error. Please try to a	djust pe		
Module Cas	C From Right to	it ~	Construc	rt Ca ) (View	Cabinet		
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Grayscale Le	vel Lowly Bri	Sending Po	ort Nu	Receivin			
Shift Clock Fr	'e 13.9				5~75) %		
Phase Positi	on 2	1 1		1			
Row Blanking	g 5				~4)		
Line Changir	ng 1		ОК	Cancel			
Minimum OE	w 0 ns						
Brightness E	ffi 67.06%						
				2	1		
				3	1		
Smart Settings	)	Load from File	Receiving Car	Save to File	ead from Re.	Send	to Recei.
Current Receiv	ing [Mo] [\	/ersion:				Restor	e Facto.
				Save System Co	Save		Close

If you can not read from receiving card or you had sent wrong configure file to the screen, do not worry. You can ask our sales to send you right configure file. And our sales should send a USB file which also saved right configure file inside, jut find from your packages. After you found it, you can do it like following picture shows.

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ending Card Receivin	g Card Screen C	onnection					
Module Information							C
Chip: C	common C	Size: 64Wx64	н ,	80	canning Type	1/16 scan	
Direction: F	Iorizontal	Data Groups	2	A	djust RG		
Cabinet Information							Set Rotatio
Regular			0	rregular			
Width (Pixel)	128	<=141		Width: ??	Height	??	
Height (Pixel)	128 🗘	<=512		l oading error P	Please fiv to adi	ustne	
Module Casc	From Disht to J			coounty error r		laor po	
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Send Parameters t All Recei Specify Receiving	o Receiving Ca Reset the Card	Starting Coord	3 inate		Send		1 × Cancel
Send Parameters t All Recei ) Specify Receiving mase rosmon Row Blanking	o Receiving Ca Reset the Card	Starting Coord	3 inate Ghost Control I	с <mark>р</mark> :п [4	Send	~4)	Cancel
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Send Parameters t All Recei Specify Receiving Priase Position Row Blanking Line Changing Minimum OE w Brightness Effi Smart Settings Current Receiving	<ul> <li>Receiving C4</li> <li>Reset the</li> <li>Card</li> <li>Card</li> <li>1</li> <li>0 ns</li> <li>67.06%</li> <li> mo Ve</li> </ul>	rd Starting Coord (=0.36us) (0~3)	3 inate Ghost Control E	r 4	Ve to File Re	~4) ad from Re	Cancel .d 2 Send to Rece Restore Factor

After you sent right configure file, you will see all panels showing same. Now we are close, next step is connect all panels as a whole screen. You need to move to screen connection on software, that step is easy, just make the screen connection same to the wire connection you made on panels rear side.

Screen Conf	figuration-CON	199		- 🗆 X
Sending Card	Receiving Card	Screen Connection		Quantity o 1 🗸 Configur
Screen1 Screen1 Sendi	Type: ( ing Card Numbe	Standard Screen er	O Complex Screen asic Information Coordinate: X: 0 Y: 0 Virtual Mo C E	Enabl Screen Ar 1920 x 1080
			Columns 12 Rows 6 ResetAll Hided	Red V 📩 🗲 5

Front veiwing



Note: screen connection on software is front viewing, thus it is opposite to the real wire connection you had done on panels rear side.