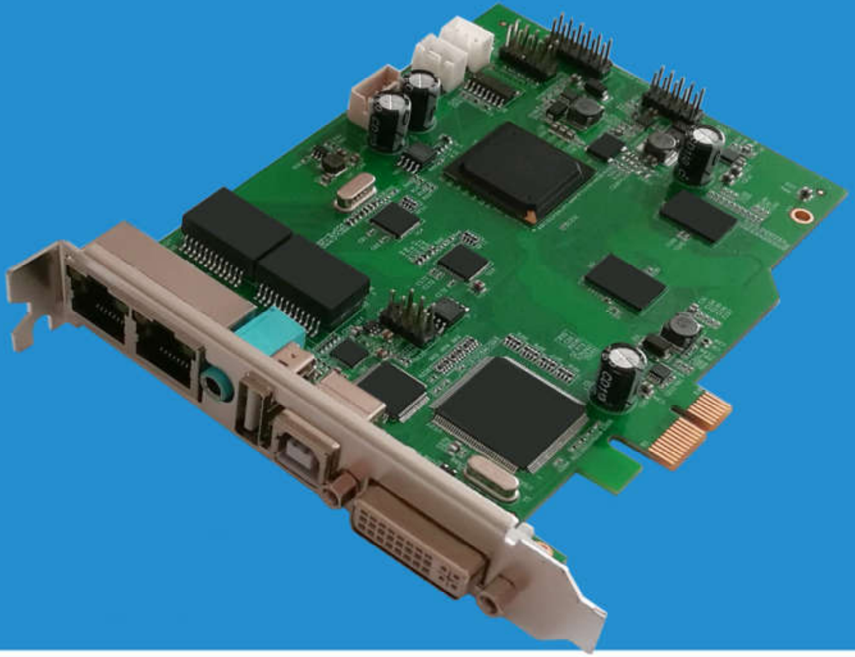
Colorlight



S2 Sending Card

USER MANUAL

INSTRUCTIONS

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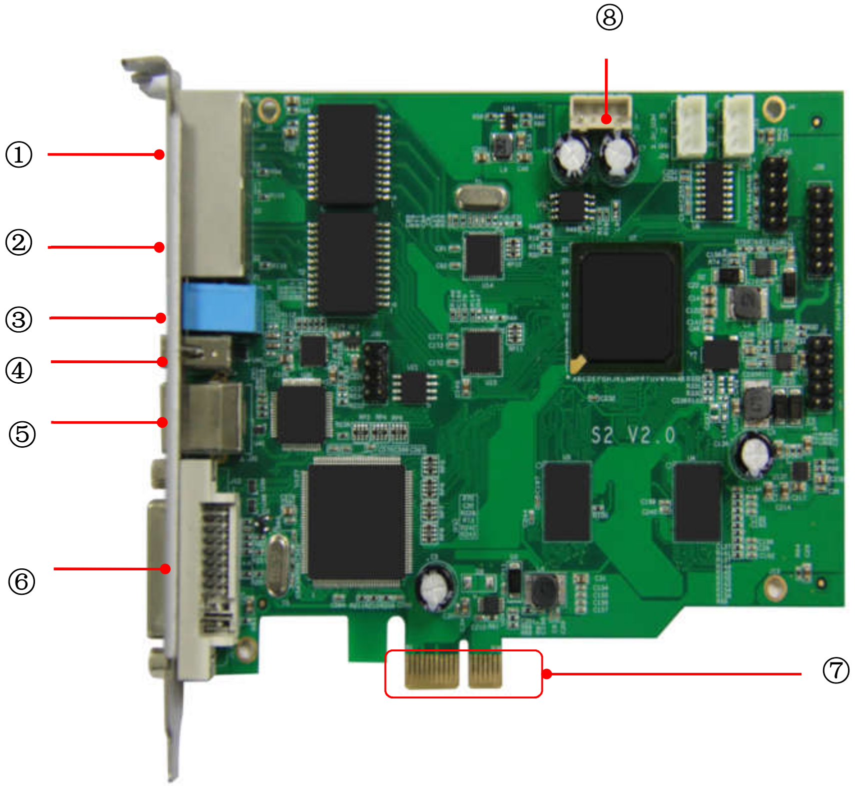
1. Introduction

S2 sending card is a new generation of sending card, and its performance has improved significantly with the product chipset upgrades comprehensively.

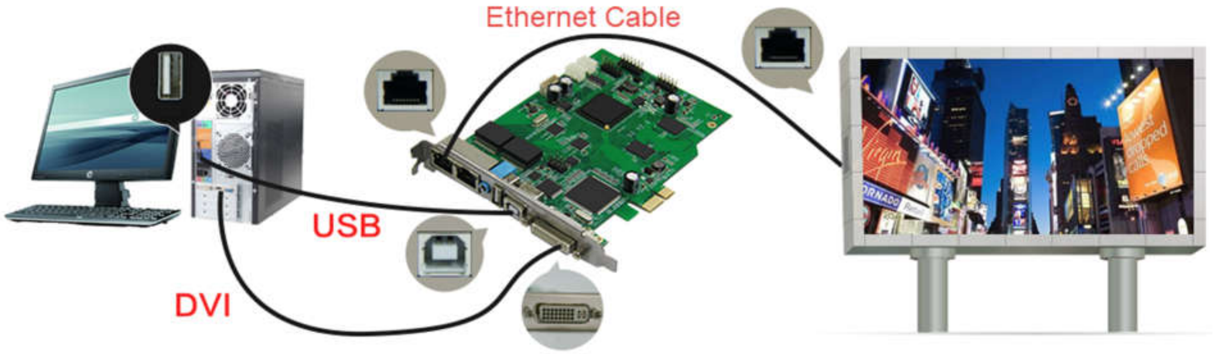
S2 equips dual USB2.0 as the communication interface to achieve high-speed communication between the PC and sending card, also are convenient and reliable for multiple cards cascading. S2 possesses PCI-E 1X interface, which is more versatile.

2. Interface Description

No	Interface	Function	Remarks
1	Output Port A	RJ45, to transmit network signals	The control area of the two outputs can be separately set
2	Output Port B	RJ45, to transmit network signals	
3	Audio Input	Input audio signal and transmit to the screen via Ethernet cable	In conjunction with multifunction card
4	USB TYPE-A	USB output	
5	USB TYPE-B	USB input	
6	DVI Input	DVI output interface, connect to the graphics card	
7	PCI-E 1X	Match with computer 1X PCI-E slot for sending card power on	
8	Power Supply	Connect to DC3.8V-12V	



3. Hardware Connection



1) **Power Supply (PCI):**

Match with computer PCI slot, or DC 3.8-12V for power supply.

2) **Video Signal Input（DVI）:**

Connect PC with S2 via proper DVI/HDMI cable via DVI interface.

3) **Screen Configuration (USB):**

Use a standard USB A/B cable to connect S2 with PC for S2 configuration.

4) **Ethernet Cable (RJ45):**

Connect S2 sending card with the receiving card via Ethernet cable for controlling receiving card and the screen (Note: The Ethernet cable must be CAT5E or CAT6).

4. LEDVISION Installation and Preliminary Configuration

4.1 Computer Configurations

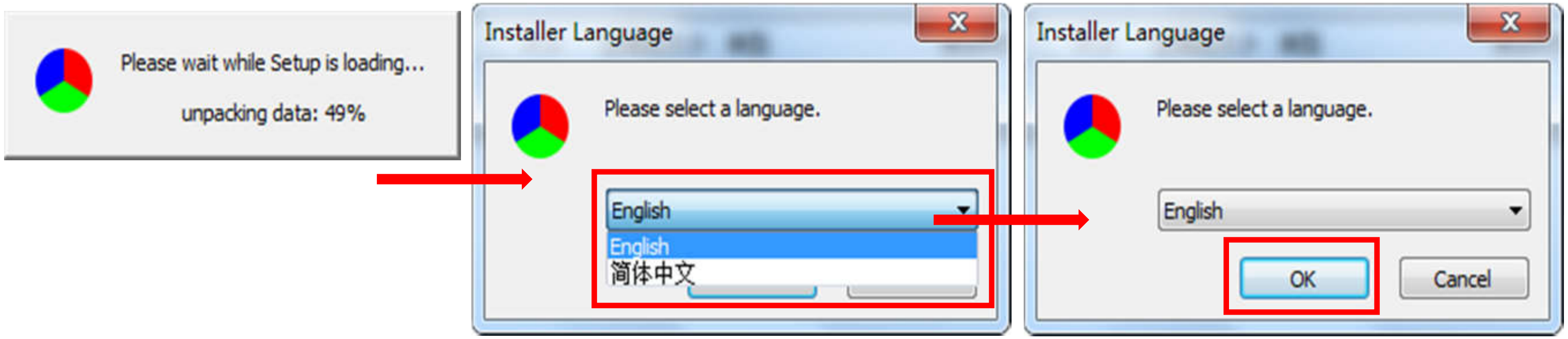
- CPU Frequency>= 2.0GHZ
- Host Memory>=1G
- Graphic card with DVI/HDMI interface: Memory ≥512MB
- The resolution of PC's graphic card should be equal to or larger than the actual LED display's.

Computer configuration can be adjusted according to the actual situation. Adjustment mainly aims at total pixels of LED display, the complexity of playing contents and whether playing HD video or not.

4.2 USB Driver Installation

First download the installation package of LEDVISION software from Colorlight’s official website [www.colorlightinside.com,](http://www.colorlightinside.com) and complete the installation according to the diagrams shown below.

1. Run the software package, and select **[English]** for installer language. Click **[OK]** to move on.



Please wait while Setup is loading...

unpacking data: 49%

Please select a language.

English

Please select a language.

English

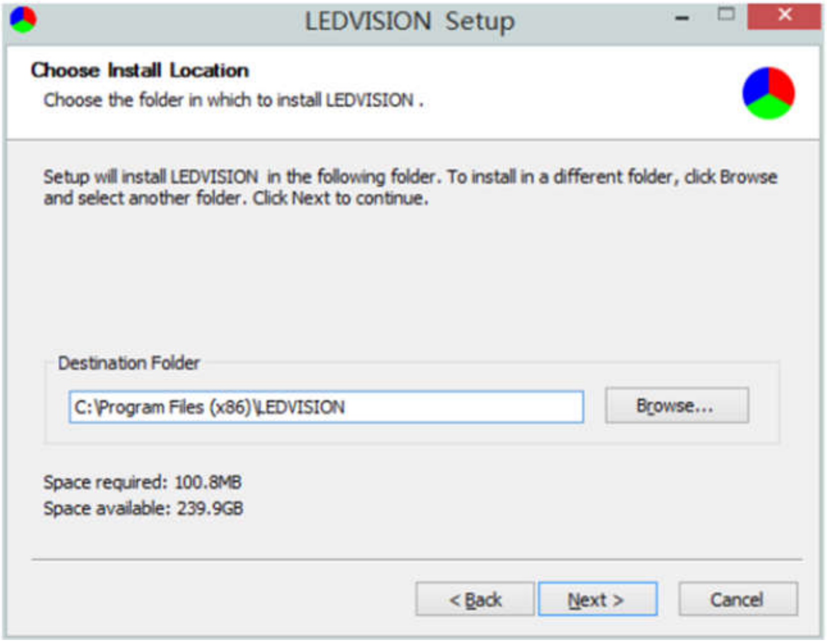
Installer Language
English
简体中文
Installer Language
OK
Cancel

Note: Run LEDVISION version 4.18 or higher while using S2.

2. After selecting a language, an installation wizard like below will appear. Click **[Next]**;

Then choose installation location, click **[Browse]** to change default target location, then click **[Next]** after completing.

Choose components according to your own computer status, click **[Install]** to complete.



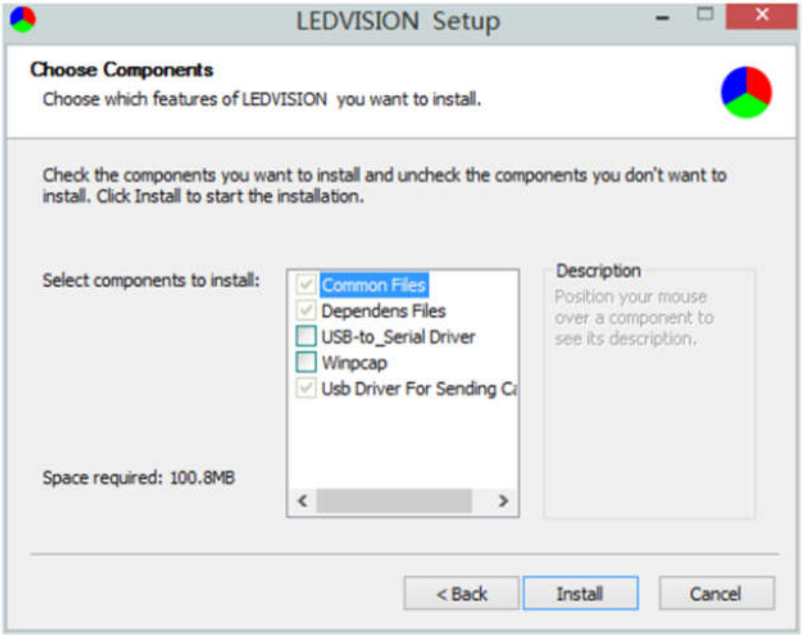
Choose Install Location

Choose the folder in which to install LEDVISION .

Setup will install LEDVISION in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.

Destination Folder: C:\Program Files (x86)\LEDVISION

Space required: 100.8MB
Space available: 239.9GB



Choose Components

Choose which features of LEDVISION you want to install.

Check the components you want to install and uncheck the components you don't want to install. Click Install to start the installation.

Select components to install:

- ☑ Common Files
- ☑ Dependens Files
- ☐ USB-to_Serial Driver
- ☐ Winpcap
- ☑ Usb Driver For Sending C

Description: Position your mouse over a component to see its description.

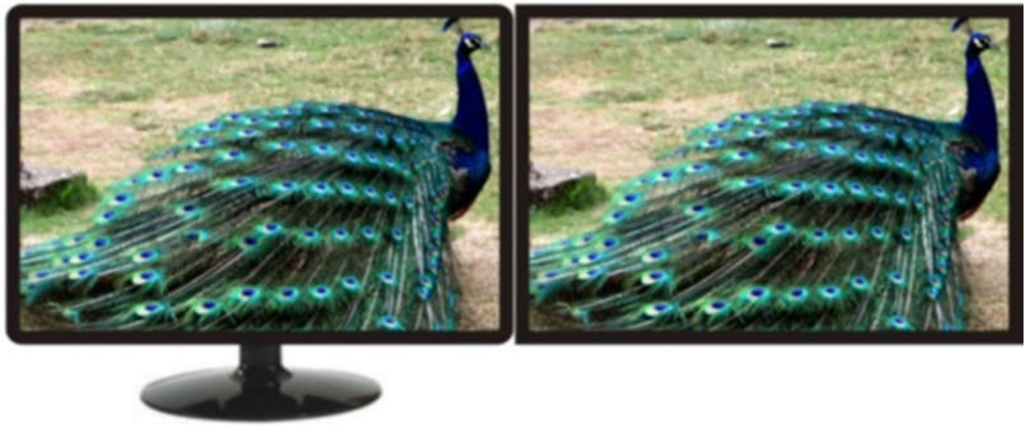
Space required: 100.8MB

After the installation is complete you are ready to use LEDVISION.

4.3 Graphic Card Settings

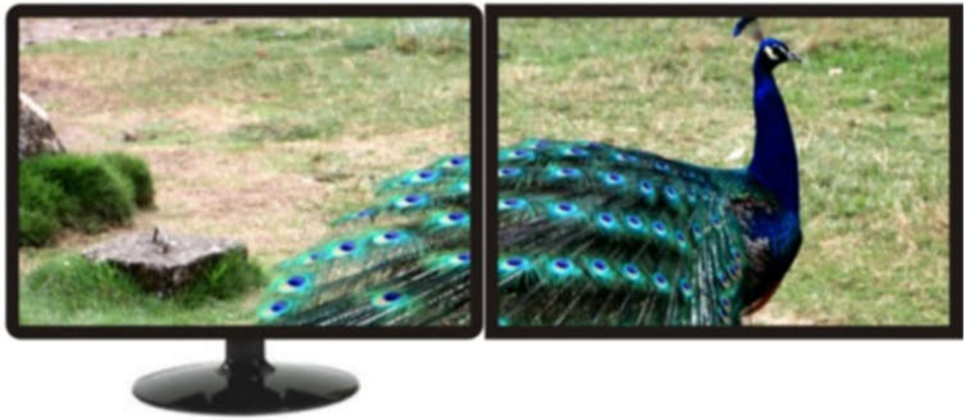
Set up the working mode of the computer graphic card after completing hardware connection and powering S2 on, you can select **Duplicate** mode or **Extend** mode according to the different requirements.

- **Duplicate Mode:** That the contents displayed on LED screen are consistent with computer, that is to say, copy the computer contents onto LED screen, as pic below.



PC Screen LED Screen

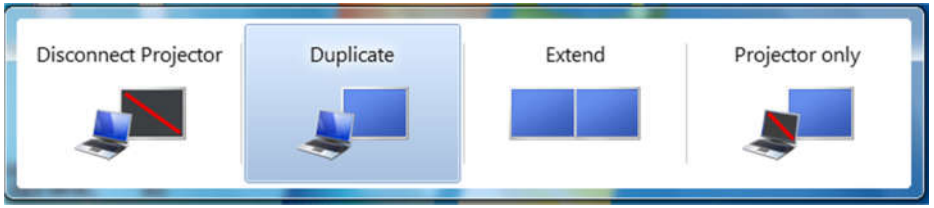
- **Extend Mode：** That the contents displayed on LED screen are inconsistent with computer’s, that is, to extend a display image from the right side of PC screen, which was consistent with LED display’s, we also call it “background playing”, as pic below.



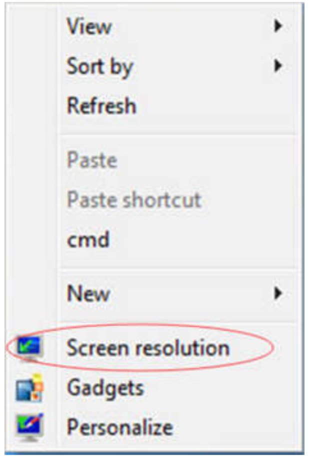
PC Screen LED Screen

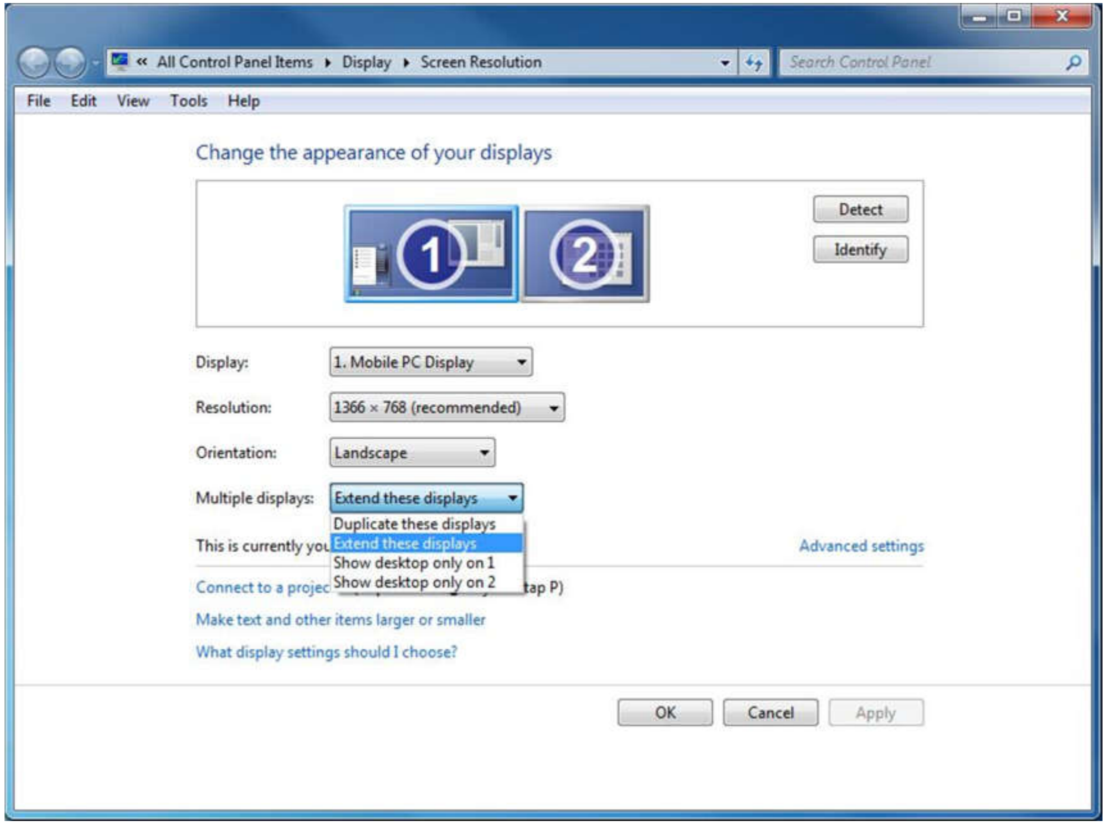
For different computers, there are different ways to change the mode. Take **WIN 7/8** system + **NVIDIA** graphics cards as an example, please read the following settings ways.

- **Method 1**: Hold down the WIN and P keys at the same time, and select the mode as you want in the pop-up window.


Disconnect Projector
Duplicate
Extend
Projector only

- **Method 2:** Right-click and select "Screen resolution" to enter the page of "modify the display appearance"; if your graphics card is not NVIDIA and cannot find the setting interface please refer to the description of the graphics card.


View
Sort by
Refresh
Paste
Paste shortcut
cmd
New
Screen resolution
Gadgets
Personalize



« All Control Panel Items ▸ Display ▸ Screen Resolution
Search Control Panel
File Edit View Tools Help
Change the appearance of your displays
1
2
Detect
Identify
Duplicate these displays
Extend these displays
Show desktop only on 1
Show desktop only on 2
This is currently you
Advanced settings
Connect to a projec
tap P)
Make text and other items larger or smaller
What display settings should I choose?
OK
Cancel
Apply

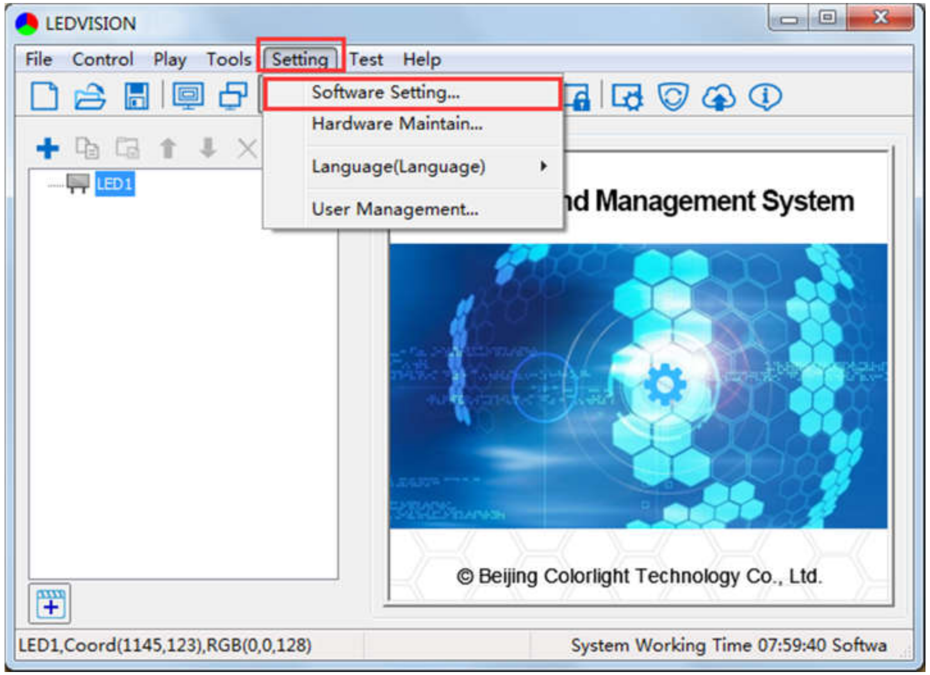
Display: 1. Mobile PC Display
Resolution: 1366 × 768 (recommended)
Orientation: Landscape
Multiple displays: Extend these displays

Note: As for other kinds of graphic cards, if there is no corresponding window, please refer to the user manual of the graphic card.

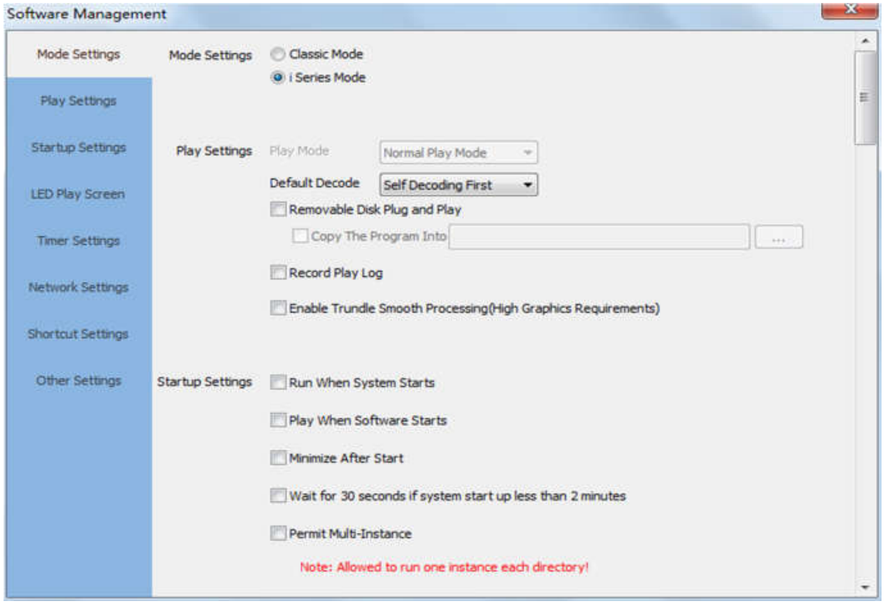
5. Parameter Configuration

First of all, please make sure the software under i Series Mode before setting.

Click the **"Setting"** > **"Software Setting"** to enter the Software Management window, change the mode by inputting password: **168**.


LEDVISION
File
Control
Play
Tools
Setting
Test
Help
Software Setting...
Hardware Maintain...
Language(Language)
User Management...
LED1
nd Management System
© Beijing Colorlight Technology Co., Ltd.

LED1,Coord(1145,123),RGB(0,0,128)
System Working Time 07:59:40 Softwa


Software Management
Mode Settings
Play Settings
Startup Settings
LED Play Screen
Timer Settings
Network Settings
Shortcut Settings
Other Settings

Mode Settings
○ Classic Mode
● i Series Mode

Play Settings
Play Mode: Normal Play Mode
Default Decode: Self Decoding First
☐ Removable Disk Plug and Play
☐ Copy The Program Into
☐ Record Play Log
☐ Enable Trundle Smooth Processing(High Graphics Requirements)

Startup Settings
☐ Run When System Starts
☐ Play When Software Starts
☐ Minimize After Start
☐ Wait for 30 seconds if system start up less than 2 minutes
☐ Permit Multi-Instance

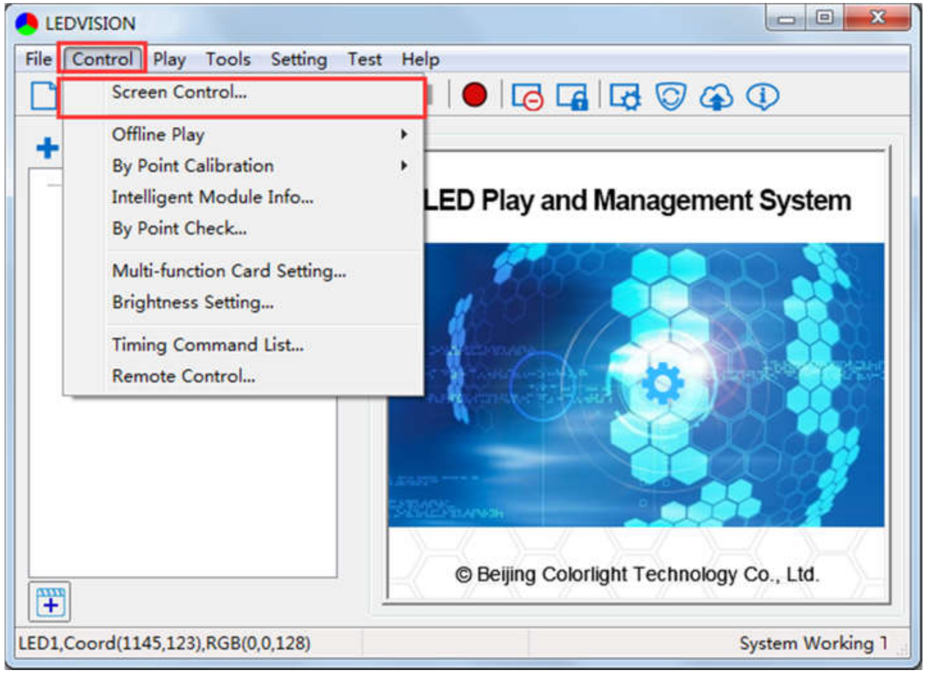
Note: Allowed to run one instance each directory!

5.1 Confirmation on Hardware Connection

Please make sure the correctness of the hardware connection before setting, use LEDVISION to detect sender and all receiving cards.

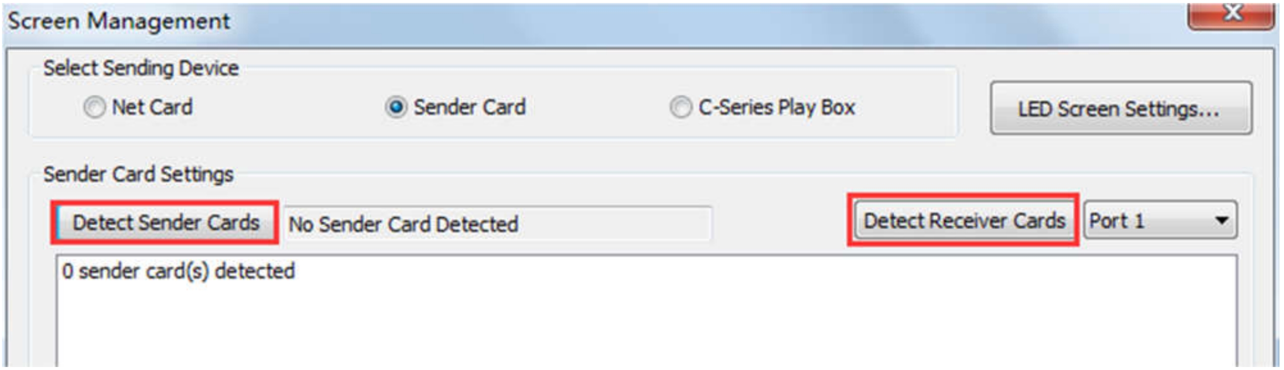
5.1.1 Detect Sender and receiving card

Run LEDVISION, click the “Control” > “Screen Control” to enter the Screen Control window.


LEDVISION
File
Control
Play
Tools
Setting
Test
Help
Screen Control...
Offline Play
By Point Calibration
Intelligent Module Info...
By Point Check...
Multi-function Card Setting...
Brightness Setting...
Timing Command List...
Remote Control...
LED Play and Management System
© Beijing Colorlight Technology Co., Ltd.
LED1,Coord(1145,123),RGB(0,0,128)
System Working 1

Select **[Sender Card]** for sending device, Click **[Detect Sender Cards]** in **Sender Card Settings**. Please check the hardware connection or the installation of relevant driver if cannot detect sender cards.

Select network port and click “**Detect Receiver Cards**” respectively, the software will automatically acquire the Receiver (Receiving card) quantity for each network port of the sender card. Please check corresponding cable if the numbers of receiving card are inconsistent with actual status.


Screen Management
Select Sending Device
Net Card
C-Series Play Box
LED Screen Settings...
Sender Card Settings
Detect Sender Cards
Detect Receiver Cards

○ Net Card ● Sender Card ○ C-Series Play Box

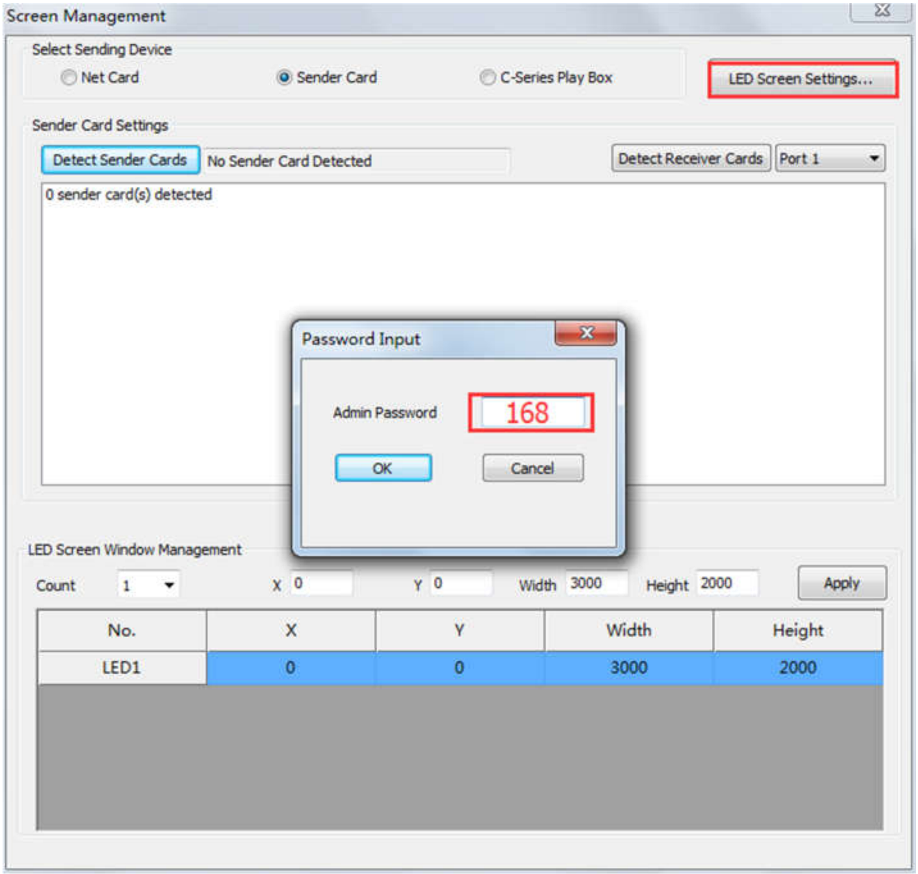
No Sender Card Detected

Port 1

0 sender card(s) detected

5.2 LED Screen Setting

Click **“LED Screen Settings”** and input password [**168**] to enter the LED Screen Setting interface, and set up “Sending device”, “Screen parameters”, “Connection parameters”.


Screen Management
Select Sending Device
○ Net Card
● Sender Card
○ C-Series Play Box
LED Screen Settings...
Sender Card Settings
Detect Sender Cards
Detect Receiver Cards
Port 1
Password Input
OK
Cancel
LED Screen Window Management
Apply

No Sender Card Detected

0 sender card(s) detected

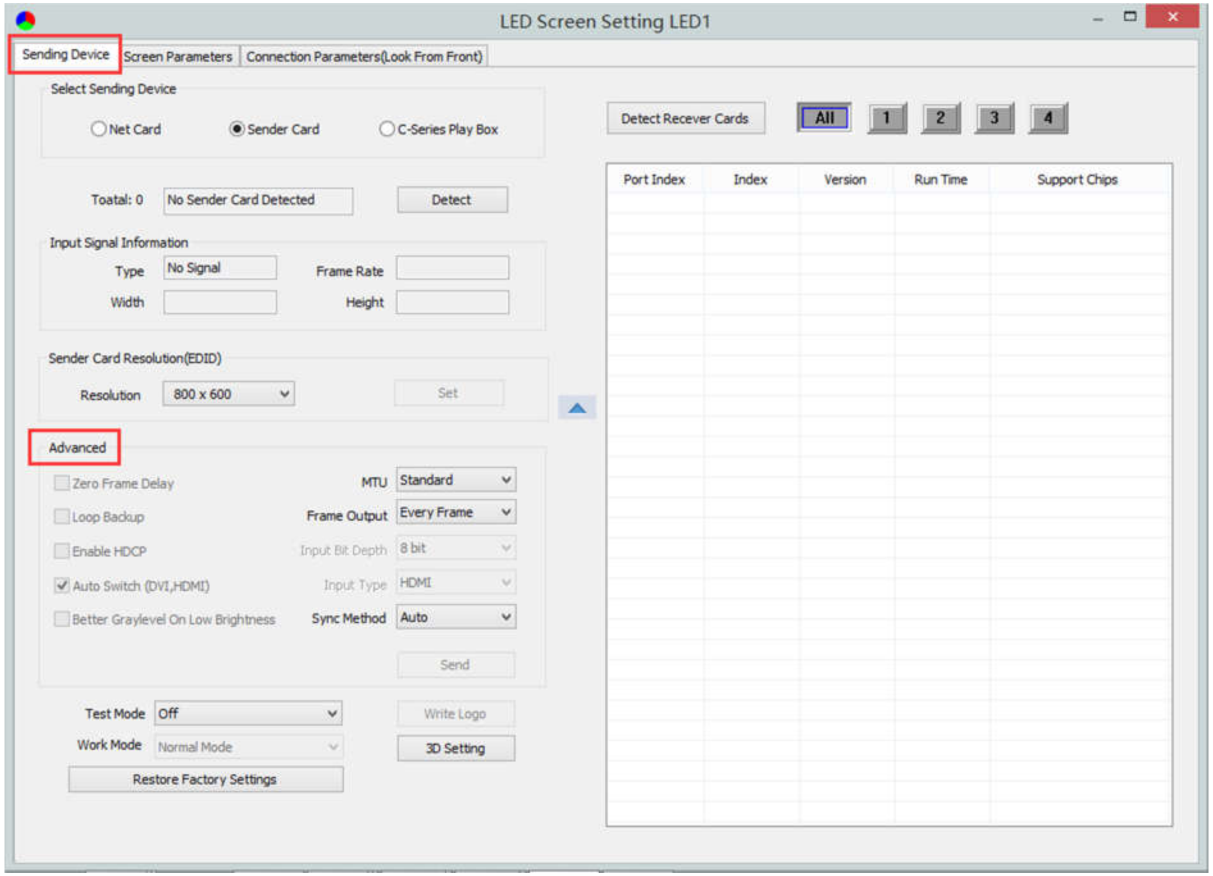
Admin Password 168

Count 1 X 0 Y 0 Width 3000 Height 2000

No.	X	Y	Width	Height
LED1	0	0	3000	2000

5.2.1 Sending Device Setting

Configure on the relevant parameters of the sender card.


LED Screen Setting LED1
Sending Device
Screen Parameters
Connection Parameters(Look From Front)
Detect
Set
Send
Write Logo
3D Setting
Restore Factory Settings
Detect Recever Cards
All
1
2
3
4
Port Index
Index
Version
Run Time
Support Chips

Select Sending Device: ○ Net Card ● Sender Card ○ C-Series Play Box

Toatal: 0 No Sender Card Detected

Input Signal Information

Type: No Signal

Frame Rate:

Width:

Height:

Sender Card Resolution(EDID)

Resolution: 800 x 600

Advanced

☐ Zero Frame Delay

☐ Loop Backup

☐ Enable HDCP

☑ Auto Switch (DVI,HDMI)

☐ Better Graylevel On Low Brightness

MTU: Standard

Frame Output: Every Frame

Input Bit Depth: 8 bit

Input Type: HDMI

Sync Method: Auto

Test Mode: Off

Work Mode: Normal Mode

Sender Card Resolution: Generally, sender card resolution must be consistent with the graphic card’s.

Input Signal Information: Display the sender info that auto acquired via the software, which only provided for reference, and did not support personally set up.

Advanced: Prepare for professionals for special applications settings, no operation allowed for non-professionals.

Advanced settings include the parameters listed below:

Zero Frame Delay: Default uncheck, and should be enabled by technician under special status.

Auto Switch DVI/HDMI: The sender only identifies the video signal that has been set up when unchecked; Auto identify the signal that has been connected first when checked.

Brightness adjustment via multi-function card: Auto adjusts screen brightness via the sensor of multi-function card when checked.

Maximum Transmission Unit (MTU): Default “Standard”, and consult with the technician if you need to apply to “Long Frame”.

Frame Output: Default “Every Frame”, and consult with the technician if you need to apply to “Every Other Frame”.

Input Bit Depth: Default “8bit”.

Input Type: DVI/HDMI, according to the actual using status.

Sync Method: Default “Auto”

Write logo: Custom, display before video signal input. The image formats should be bmp, jpg or png.

3D Setting: Works only for the function setting of 3D sender, did not apply for S2.

5.2.2 Screen Parameters

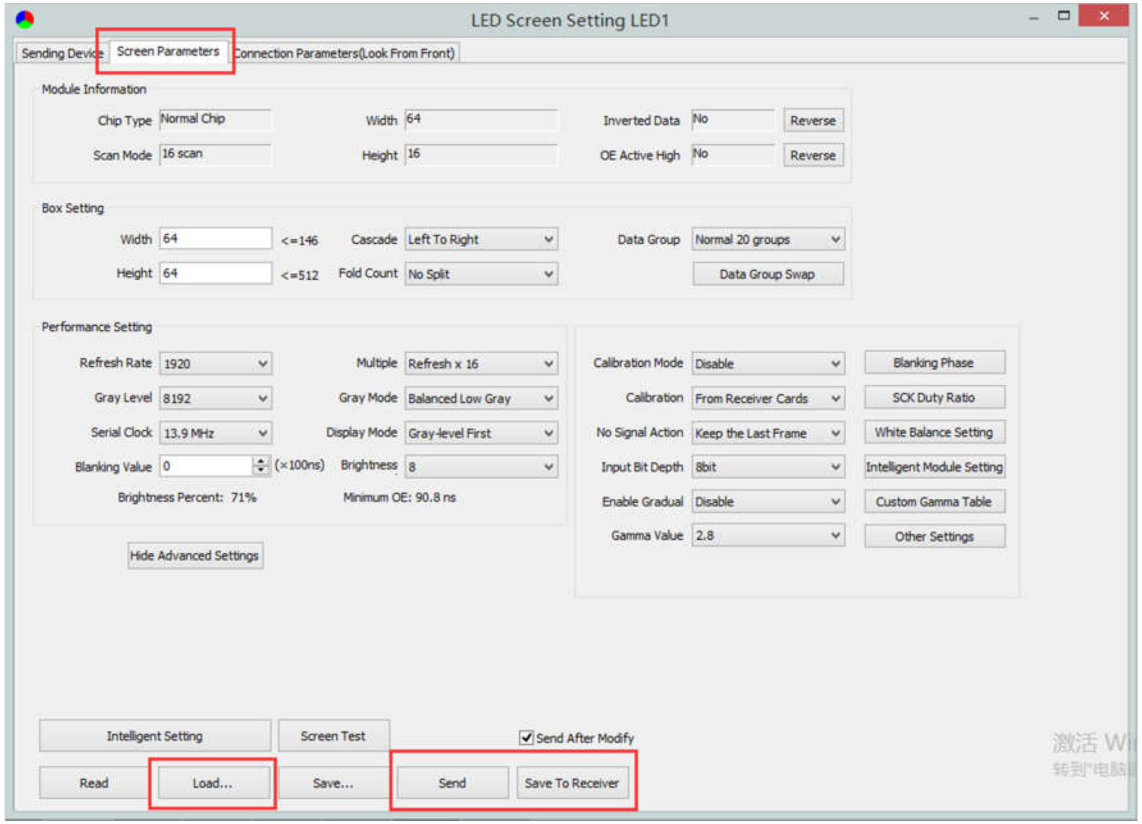
Observe the display screen with single cabinet as unit, if all cabinets display normally (it is normal circumstance even the picture between cabinets is not continuous), please ignore this step and directly go to the next step.

Otherwise, enter the following configuration:

Click **[Load],** choose the correct parameter file.

Click **[Send],** to send the loading parameter to the receiving card. Each cabinet should display normally (it is normal circumstance even the picture between cabinets is not continuous), then click **[Save To Receiver]** to save the parameters to the receiver card.

If each cabinet cannot display normally, then contact with the LED screen engineers.



LED Screen Setting LED1

Module Information
Chip Type: Normal Chip
Scan Mode: 16 scan
Width: 64
Height: 16
Inverted Data: No
OE Active High: No

Box Setting
Width: 64 <=146
Height: 64 <=512
Cascade: Left To Right
Fold Count: No Split
Data Group: Normal 20 groups

Performance Setting
Refresh Rate: 1920
Gray Level: 8192
Serial Clock: 13.9 MHz
Blanking Value: 0 (×100ns)
Brightness Percent: 71%
Multiple: Refresh x 16
Gray Mode: Balanced Low Gray
Display Mode: Gray-level First
Brightness: 8
Minimum OE: 90.8 ns
Calibration Mode: Disable
Calibration: From Receiver Cards
No Signal Action: Keep the Last Frame
Input Bit Depth: 8bit
Enable Gradual: Disable
Gamma Value: 2.8

☑ Send After Modify

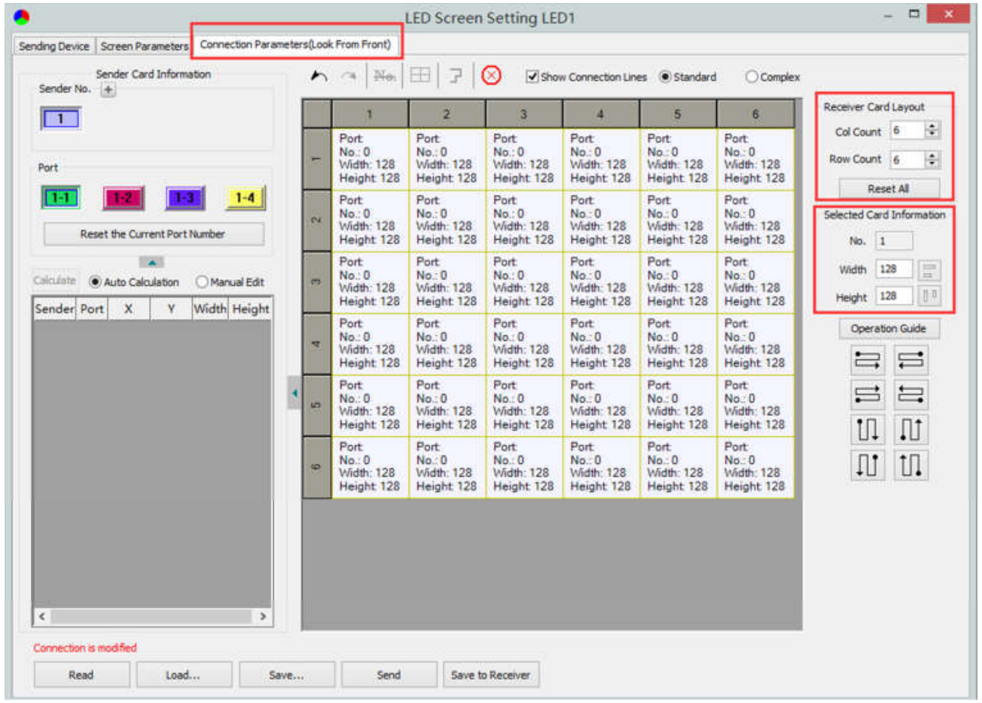
Sending Device
Screen Parameters
Connection Parameters(Look From Front)
Reverse
Reverse
Data Group Swap
Blanking Phase
SCK Duty Ratio
White Balance Setting
Intelligent Module Setting
Custom Gamma Table
Other Settings
Hide Advanced Settings
Intelligent Setting
Screen Test
Read
Load...
Save...
Send
Save To Receiver

5.2.3 Connection Parameters (Look from front)

You don’t need to set up the control area of each net port respectively under i series mode, but set up the connection relationship of the receiver card aiming at each net port loading via the sender card, and the software will auto calculate and set up the control area according to the connection relationship. Detailed Setting Steps as follows:

1) Set up the quantity of receiving card

Set how many Receiver (Receiving card) that one port manages in Row Count and Col Count (6*6 as an example), how many pixels that one Receiver (Receiving card) manages in Width and Height (128*128 as an example), you will see LED display mapping area from the right side (Viewing from the front of LED display).


LED Screen Setting LED1
Sending Device
Screen Parameters
Connection Parameters(Look From Front)
Sender Card Information
Sender No.
1
Port
1-1
1-2
1-3
1-4
Reset the Current Port Number
Calculate
Sender
Port
X
Y
Width
Height
Operation Guide
Reset All
Read
Load...
Save...
Send
Save to Receiver

☑ Show Connection Lines ● Standard ○ Complex

● Auto Calculation ○ Manual Edit

	1	2	3	4	5	6
1	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128
2	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128
3	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128
4	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128
5	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128
6	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128	Port No.: 0 Width: 128 Height: 128

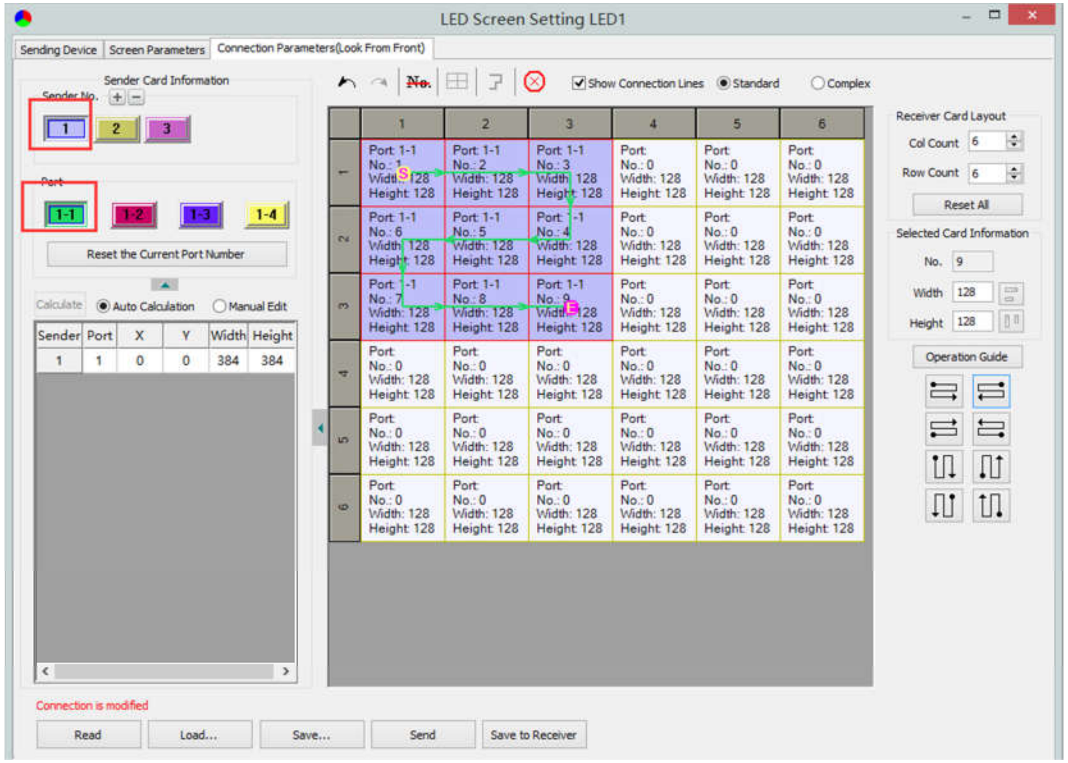
Receiver Card Layout
Col Count 6
Row Count 6

Selected Card Information
No. 1
Width 128
Height 128

Connection is modified

2) Receiver Card Parameters Setting

Select the target sending card and the net port from the left side, then select the corresponding cabinets of net port actual control area and set the connection lines in the mapping area.


LED Screen Setting LED1
Sending Device
Screen Parameters
Connection Parameters(Look From Front)
Sender Card Information
Sender No.
1
2
3
Port
1-1
1-2
1-3
1-4
Reset the Current Port Number
Calculate
No.
Receiver Card Layout
Reset All
Selected Card Information
Operation Guide
S
E
Read
Load...
Save...
Send
Save to Receiver

● Auto Calculation ○ Manual Edit

Sender	Port	X	Y	Width	Height
1	1	0	0	384	384

☑ Show Connection Lines ● Standard ○ Complex

	1	2	3	4	5	6
1	Port: 1-1 No.: 1 Width: 128 Height: 128	Port: 1-1 No.: 2 Width: 128 Height: 128	Port: 1-1 No.: 3 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128
2	Port: 1-1 No.: 6 Width: 128 Height: 128	Port: 1-1 No.: 5 Width: 128 Height: 128	Port: 1-1 No.: 4 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128
3	Port: 1-1 No.: 7 Width: 128 Height: 128	Port: 1-1 No.: 8 Width: 128 Height: 128	Port: 1-1 No.: 9 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128
4	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128
5	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128
6	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128

Col Count: 6
Row Count: 6

No.: 9
Width: 128
Height: 128

Connection is modified

There are two methods to set up:

1. Use mouse to select one by one

A. In the mapping area, select the first receiving card based on the actual connection of the net port (view from the front), and then set up the actual loading width and height of the target receiving card in the right side (128*128 as an example).

B. Click the Receiver (Receiving card) one by one until the last one for this network port loads.

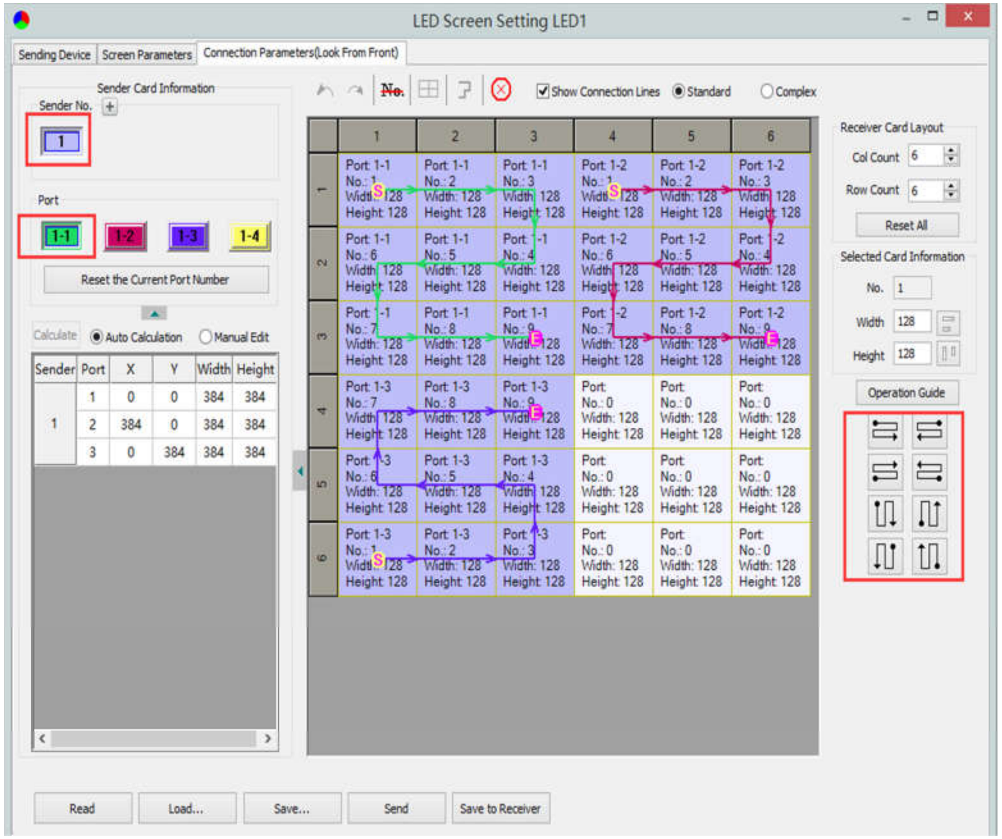
2. Connection Pattern

A. Aiming at the LED screen with standard connection lines.

B. First set up the receiving card information according to the actual loading width and height (128*128 as an example).

C. Select the connection line you want from the right side, then cover the corresponding area of net port loading in the mapping area, finally complete setting.

As the cabinets have multiple specification (that is the inconsistent capacity of the receiving card), you can select the different one to adjust separately after completing setting.


LED Screen Setting LED1
Sending Device
Screen Parameters
Connection Parameters(Look From Front)
Sender Card Information
Sender No.
1
Port
1-1
1-2
1-3
1-4
Reset the Current Port Number
Calculate
No.
Receiver Card Layout
Reset All
Selected Card Information
Operation Guide
Read
Load...
Save...
Send
Save to Receiver

☑ Show Connection Lines ● Standard ○ Complex

● Auto Calculation ○ Manual Edit

Sender	Port	X	Y	Width	Height
1	1	0	0	384	384
	2	384	0	384	384
	3	0	384	384	384

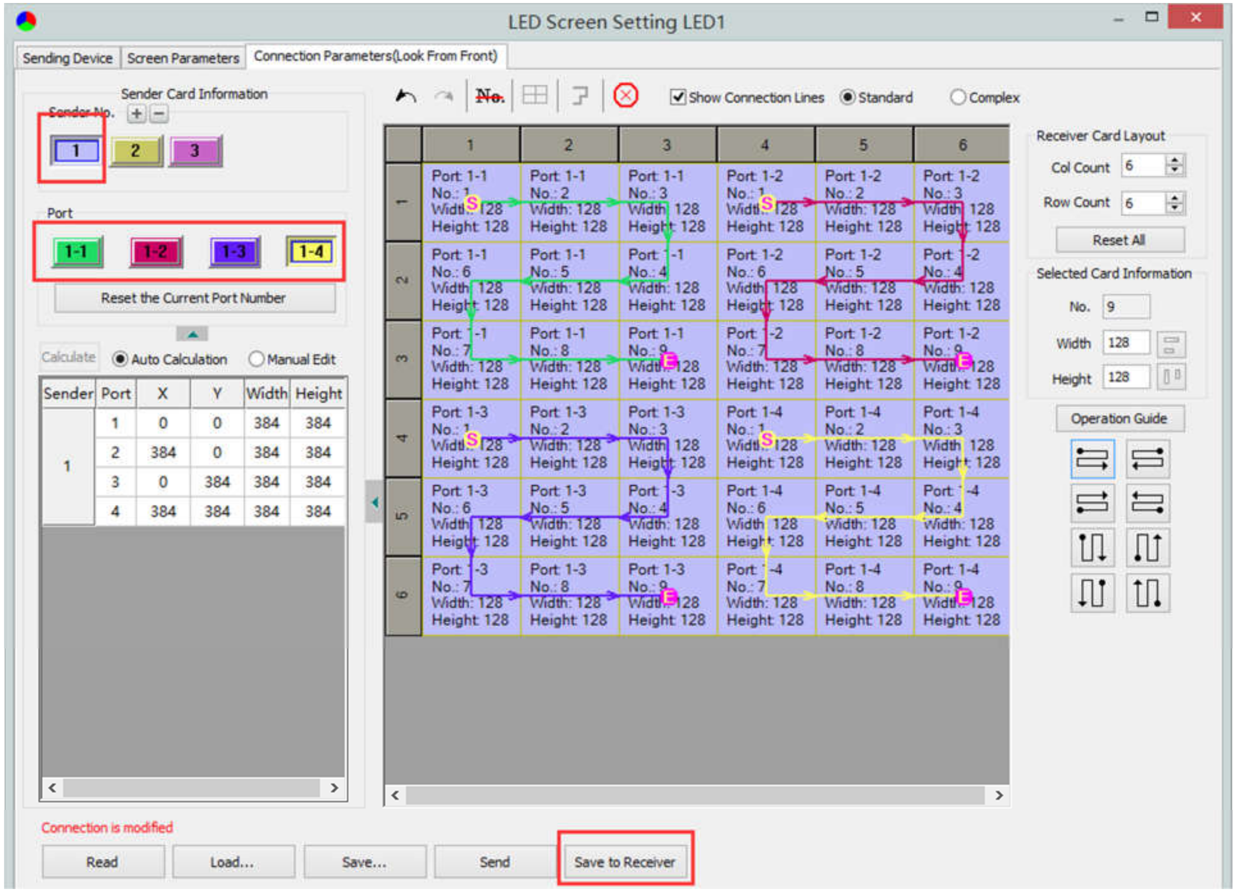
	1	2	3	4	5	6
1	Port: 1-1 No.: 1 Width: 128 Height: 128	Port: 1-1 No.: 2 Width: 128 Height: 128	Port: 1-1 No.: 3 Width: 128 Height: 128	Port: 1-2 No.: 1 Width: 128 Height: 128	Port: 1-2 No.: 2 Width: 128 Height: 128	Port: 1-2 No.: 3 Width: 128 Height: 128
2	Port: 1-1 No.: 6 Width: 128 Height: 128	Port: 1-1 No.: 5 Width: 128 Height: 128	Port: 1-1 No.: 4 Width: 128 Height: 128	Port: 1-2 No.: 6 Width: 128 Height: 128	Port: 1-2 No.: 5 Width: 128 Height: 128	Port: 1-2 No.: 4 Width: 128 Height: 128
3	Port: 1-1 No.: 7 Width: 128 Height: 128	Port: 1-1 No.: 8 Width: 128 Height: 128	Port: 1-1 No.: 9 Width: 128 Height: 128	Port: 1-2 No.: 7 Width: 128 Height: 128	Port: 1-2 No.: 8 Width: 128 Height: 128	Port: 1-2 No.: 9 Width: 128 Height: 128
4	Port: 1-3 No.: 7 Width: 128 Height: 128	Port: 1-3 No.: 8 Width: 128 Height: 128	Port: 1-3 No.: 9 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128
5	Port: 1-3 No.: 6 Width: 128 Height: 128	Port: 1-3 No.: 5 Width: 128 Height: 128	Port: 1-3 No.: 4 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128
6	Port: 1-3 No.: 1 Width: 128 Height: 128	Port: 1-3 No.: 2 Width: 128 Height: 128	Port: 1-3 No.: 3 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128	Port: No.: 0 Width: 128 Height: 128

Col Count 6
Row Count 6
No. 1
Width 128
Height 128

3) Save to Receiver Cards & Save to Sender Cards

Set up all the receiving card parameters and connection line respectively, click **[Send]** to send the correct parameter to the receiving card, and the screen should display normally about this time.

Then click **[Save to Receiver]** to save parameters to corresponding receiving card after confirming.


LED Screen Setting LED1
Sending Device
Screen Parameters
Connection Parameters(Look From Front)
Sender Card Information
Sender No.
1
2
3
Port
1-1
1-2
1-3
1-4
Reset the Current Port Number
Calculate
Receiver Card Layout
Reset All
Selected Card Information
Operation Guide
Read
Load...
Save...
Send
Save to Receiver

☑ Show Connection Lines ● Standard ○ Complex

● Auto Calculation ○ Manual Edit

Sender	Port	X	Y	Width	Height
1	1	0	0	384	384
	2	384	0	384	384
	3	0	384	384	384
	4	384	384	384	384

	1	2	3	4	5	6
1	Port: 1-1 No.: 1 Width: 128 Height: 128	Port: 1-1 No.: 2 Width: 128 Height: 128	Port: 1-1 No.: 3 Width: 128 Height: 128	Port: 1-2 No.: 1 Width: 128 Height: 128	Port: 1-2 No.: 2 Width: 128 Height: 128	Port: 1-2 No.: 3 Width: 128 Height: 128
2	Port: 1-1 No.: 6 Width: 128 Height: 128	Port: 1-1 No.: 5 Width: 128 Height: 128	Port: 1-1 No.: 4 Width: 128 Height: 128	Port: 1-2 No.: 6 Width: 128 Height: 128	Port: 1-2 No.: 5 Width: 128 Height: 128	Port: 1-2 No.: 4 Width: 128 Height: 128
3	Port: 1-1 No.: 7 Width: 128 Height: 128	Port: 1-1 No.: 8 Width: 128 Height: 128	Port: 1-1 No.: 9 Width: 128 Height: 128	Port: 1-2 No.: 7 Width: 128 Height: 128	Port: 1-2 No.: 8 Width: 128 Height: 128	Port: 1-2 No.: 9 Width: 128 Height: 128
4	Port: 1-3 No.: 1 Width: 128 Height: 128	Port: 1-3 No.: 2 Width: 128 Height: 128	Port: 1-3 No.: 3 Width: 128 Height: 128	Port: 1-4 No.: 1 Width: 128 Height: 128	Port: 1-4 No.: 2 Width: 128 Height: 128	Port: 1-4 No.: 3 Width: 128 Height: 128
5	Port: 1-3 No.: 6 Width: 128 Height: 128	Port: 1-3 No.: 5 Width: 128 Height: 128	Port: 1-3 No.: 4 Width: 128 Height: 128	Port: 1-4 No.: 6 Width: 128 Height: 128	Port: 1-4 No.: 5 Width: 128 Height: 128	Port: 1-4 No.: 4 Width: 128 Height: 128
6	Port: 1-3 No.: 7 Width: 128 Height: 128	Port: 1-3 No.: 8 Width: 128 Height: 128	Port: 1-3 No.: 9 Width: 128 Height: 128	Port: 1-4 No.: 7 Width: 128 Height: 128	Port: 1-4 No.: 8 Width: 128 Height: 128	Port: 1-4 No.: 9 Width: 128 Height: 128

Col Count: 6
Row Count: 6

No.: 9
Width: 128
Height: 128

Connection is modified

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