

## VSP 1121 - Quick Start

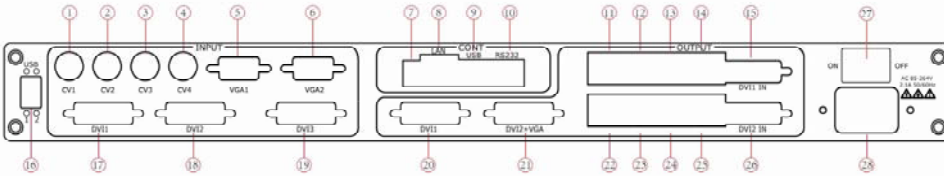
### NOTE

For full installation, configuration, and operation details, refer to the VSP 1121 user manual, which is available at [www.rgblink.com](http://www.rgblink.com).

This guide provides quick start instructions for an experienced installer to set up and operate the VSP 1121.

### Installation and cabling features

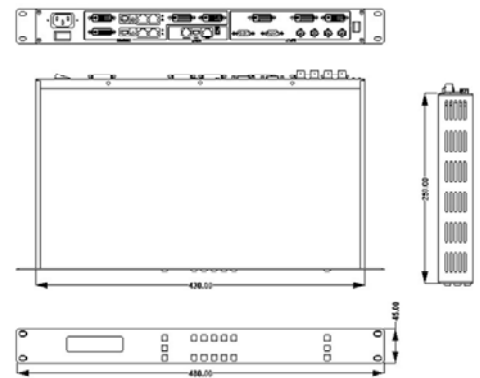
#### Rear Panel



**IMPORTANT**  
Refer to [www.rgblink.com](http://www.rgblink.com) for the complete user manual and installation instructions before connecting the product to the power source.

#### 接口

- |  |                                  |
|--|----------------------------------|
| ①~④ Composite (CVBS) input connects with BNC | ⑬⑭ Sending card power port       |
| ⑤⑥ VGA input connector DB-15                 | ⑮⑯ Sending card USB control port |
| ⑦ Mini switches                              | ⑰⑱ DVI input                     |
| ⑧ RJ-45 connector                            | ⑲ USB input port                 |
| ⑨ USB control port                           | ⑲~⑳ DVI output via DVI-I         |
| ⑩ RS232 control port                         | ㉑ DVI+VGA output via DVI-I       |
| ⑪⑫⑲⑳ Lan port                                | ㉒⑳ Connector IEC-3               |



### Step 1-Mounting

Turn off or disconnect all equipment power sources.

### Step 2-CVBS Composite input through BNC

Connect NTSC PAL or SECAM component video, to these female BNC connectors



### Step 3-VGA input through DB15

Input from computer or VGA source (Compatible with YPBPR).



### Step 4-HDMI input through DVI-I

HDMI 12 are used to connect the video sources from HDD Media player, DVD Player, Computer.



### Step 5-Background Input

Used to input DVI source to be background image.



### Step 6—USB Input

Used to play media files from disk with USB connect.



### Step 7- Program Output

Used to connect with DVI-based display or LED control display.



### Step 8- Preview Output

Used to connect with DVI-based monitor so as to monitor the status of input signal, or connect to VGA-based monitor via a DVI to VGA cable.



DVI to DVI/VGA splitter cable: one end is DVI-I or DVI-D male, the other end is DVI-I or DVI-D female together with VGA male.

DVI to VGA Adapter, it has DVI-I male at one end and VGA male at the other end.



### Step 9-LAN (Ethernet) port

Use twist CAT5 cable to connect to LAN port, user can control VSP 1121 based on default IP address:192.168.0.100. User can also change the IP address by RS 232 or USB.

Twist CAT5 should be one end in T568A, and another end in T568B standard.

LAN(Ethernet) port is not for standard configuration.

| Pins | Crossover cable  |                  |
|------|------------------|------------------|
| Pin  | T568A wire color | T568B wire color |
| 1    | White-green      | White-orange     |
| 2    | green            | orange           |
| 3    | White-orange     | White-green      |
| 4    | blen             | blue             |
| 5    | White-bluw       | White-blue       |
| 6    | White-orange     | green            |
| 7    | White-orange     | White-brown      |
| 8    | brown            | brown            |

CAT5 is wired as T568A at one end and T568B at the other(Tx and Rx pairs reversed) is crossover.

### Step 1—Set Output resolution

Push OUT button and use UP or DOWN button to go to right resolution for the monitor or display system, and push SEL button to decide to go to the resolution.

#### NOTE

VSP1121 supports the following resolution:

800x600x60Hz 1024x768x60Hz  
1280x768x60Hz 1600x1200x60 1920x1080x60

### Step 2—Programming input signal

VSP 1121 supports 4 Composite input, 2 VGA input (YPBPR), 2 DVI input( HDMI 1.3), Background 1x DVI (DVI 1.0), connect the input to the corresponding connector.

#### NOTE

VSP1121 supports 2 channels programming User can programme and select the signals through 12 preview buttons and PRO button in the front panel, and preview the signal through preview output in the rear panel. All the programming is finished in preview channel, Background signal is not programmable.

### Step 3- Input Switch

There are two different switch ways:

CUT and TAKE:

CUT is the direct switch without transiting effect TAKE has the transiting effect, for example there are WIPE and FADE. In WIPE menu there are many modes to choose. And in FADE menu duration of Fade-in-Fade-out can be set.

### Step 4-Scale

Push Scale button and go into scale setting menu. Use UP or DOWN to go to Horizontal size, Vertical size, Horizontal position, Vertical position setting page, and push SEL to decide to set, and use UP or DOWN to change the size or position value. Push SEL to send and exit from the setting.

#### NOTE

Keep pushing UP or DOWN button, the value of the size or position will change faster and Faster during setting values. Rate of change will be from 1 to 10 and to 100.

### Step 5-Save

VSP 1121 support 2 user saving modes. Push SAVE button and SVAE1, SVAE2, buttons will light on, push any one of them to save the setting. After that user can push each of them to call the setting.

#### NOTE

SAVE1 setting is default user setting after VSP 1121 power on.

All the user settings will gone after factory reset.

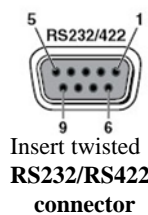
**Factory Reset:** When there is wrong operation during parameter adjustment, users can recall the device and readjust the parameter. Following the steps: Press MENU button ,choose the submenu Reset and press SEL to initiate factory reset.

### Step10-USB Port

Connect control PC to USB port via USB cable.

### Step 11-Serial port

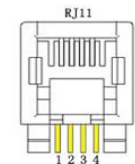
Use RS232 to RJ11 cable to connect a control system or computer to the back panel RJ11 port and the other end on RS232 port. RS232 to RJ11 cable as following definition.



Insert twisted RS232/RS422 connector

| Pin | RS-232 | 功能   | RS-422 | 功能    |
|-----|--------|------|--------|-------|
| 2   | TX     | 发送   | TX-    | 发送(-) |
| 3   | RX     | 接收   | RX-    | 接收(-) |
| 5   | GND    | 接地信号 | GND    | 接地信号  |
| 7   | ---    | 无使用  | RX+    | 接收(+) |
| 8   | ---    | 无使用  | TX+    | 发送(+) |

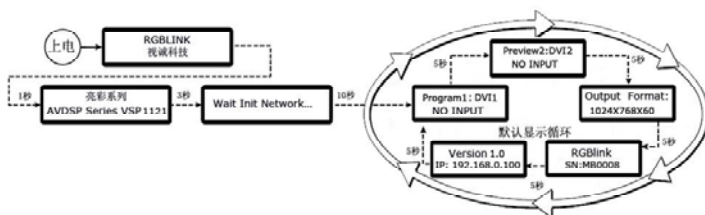
| Pin | RJ-11 | function      |
|-----|-------|---------------|
| 1   | ---   | Not used      |
| 2   | RX    | receive       |
| 3   | TX    | transmit      |
| 4   | GND   | Signal ground |



Insert twisted RJ11 connector

### Step 12-Power

Plug in power cord which has IEC connector, VSP 1121 support AC power from 85 to 260 VAC,50-60Hz, which means world wide compatible.VSP 1121 supports dual power backup.



### Step 13-Powering Up

Push power button switcher to ON position. LCD module on the front panel will show RGLINK and VSP 1121 model information, and go into self verification before it load the last setting configuration data and send the processed image to the target displayor device. Usercan operate with VSP1121 through local front panel and remote control with the software run on the PC, remote control by RS232, USB or TCP/IP.

### Local Control—Front Panel Control



>VSP 1121  
Dev Info \*RESET

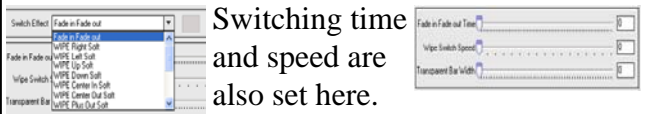
>VSP 1121  
设备信息 \*工厂初始化

### Step 4- Set up switch mode

Load the saved mode from Switch Mode window.



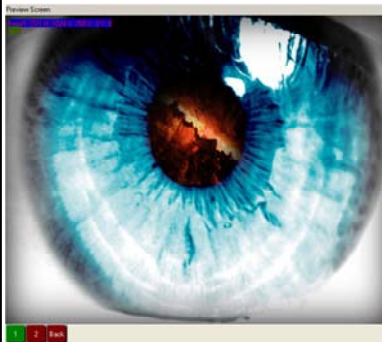
Choose Switch Effect such as fade-in-fade-out from the list of Effect Mode.



Switching time and speed are also set here.

After presetting data, users can see the effect from Program output by pressing TAKE button. Users can achieve the switch effect with lateral push-and-pull rod. CUT is the fast switch with no transition effect.

### Step 5-Preview Operation



VGA of DVI+VGA output connector is the preview output of PC software, could be connected with VGA monitor.

Through button 12 in Preview window of the PC software, 12 button is to monitor signal from program input 12, 3 is to monitor DVI3 input, and 4 for VGA3 input, 5 for DVI4 INPUT, 6 for VGA4 input.

### Step 6 -seamless switch effect



DVI of DVI+VGA output connector is the program output of PC software, could be connected with VGA monitor

Through button 12 in program window of PC software, or CUT, TAKE button to do seamless switch between signals.

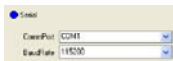
### Remote Control- Software Control



**NOTE** About how to install this software in the WINDOWS operating system, please refer to the user manual and please select the correct language version during installing process.

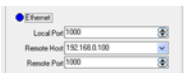
### Step 1-Set up communication

Choose useful RS 232 control port of computer, set baudrate at 115200.



communication

button



Default IP:192.168.0.100

Set the computer in a network segment with different IP addresses, then communicate, for example: 192. 168.0.99

### Step 2-Set up working mode



Using four user templates, Users can preset user modes.press the SET to confirm setting, press SAVE to choose the saving destination to complete the setting.under the dual image , PIP,PBP,PDP as following :

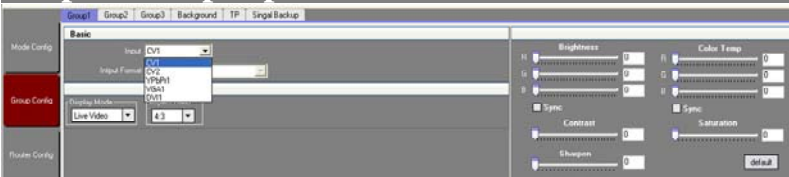
PIP

PBP

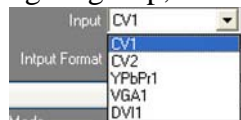
PDP



### Step 3-Set up input source



In "Group Config" there is the option for operation to the signal group, select the appropriate signal mix to configure.



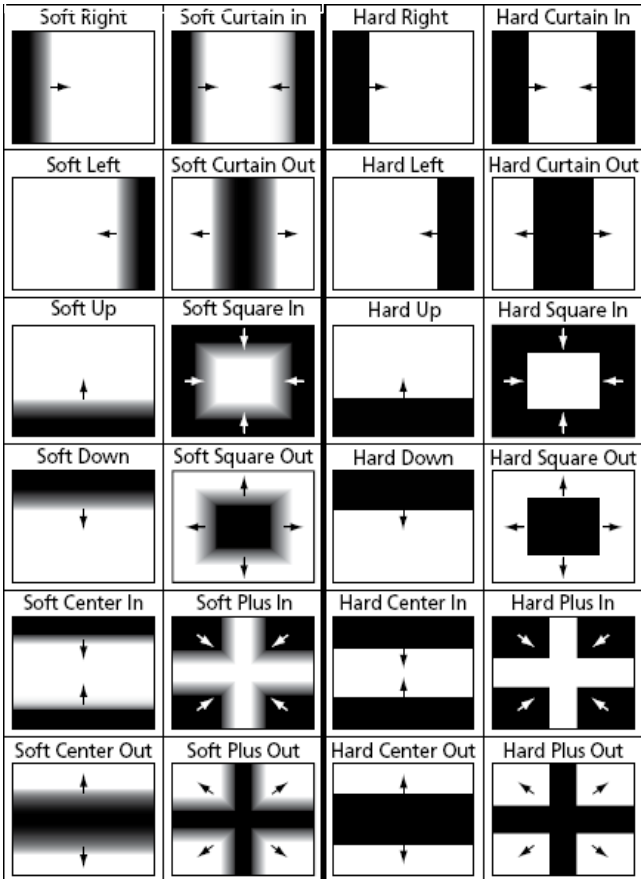
In the Group Config menu users can also set the brightness, contrast, color temperature and other regulation.



**NOTE** The current adjustment only works for current selected input source, the adjustment can be saved to the device.



## seamless switch effect



Factory Reset: When there is wrong operation during parameter adjustment, users can recall the device and readjust the parameter. Following the steps: Press

Control option in the menu bar, and click the submenu Reset to initiate factory reset.



## Step 7- Setting save and loading

In the user profile, there are three buttons to set parameters, click on parameter setting, SAVE to keep configurations saved, a list would pop up, there are 10 user modes for selection, anyone could be chosen; update reset to updating the program, after upgrade, restart the device.



There are 10 user modes in Switch Mode, click on the button to load saved settings.



## Step 8- Software and device sync

When operations were done both on front panel buttons and PC software, the device is not synchronized with PC software, click the sync button on the upper right corner to make them synchronized



**NOTE** Operations on the front panel buttons and PC software are not allowed to be done at the simultaneously.