

VSP 729 - Quick Start

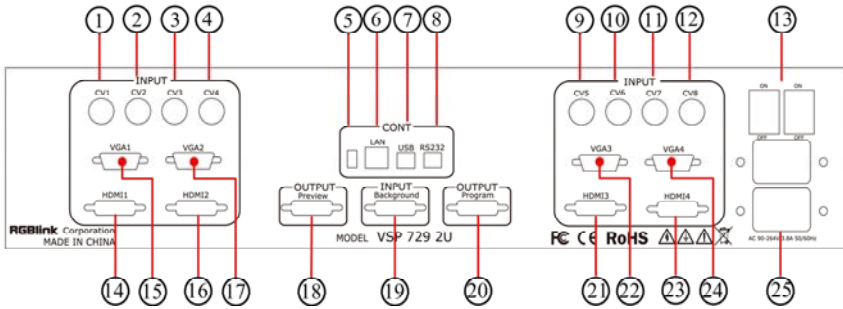
NOTE

For full installation, configuration, and operation details, refer to the VSP 729 user manual, which is available at www.rgblink.com. This guide provides quick start instructions for an experienced installer to set up and operate the VSP 729.

IMPORTANT
Refer to www.rgblink.com for the complete user manual and installation instructions before connecting the product to the power source.

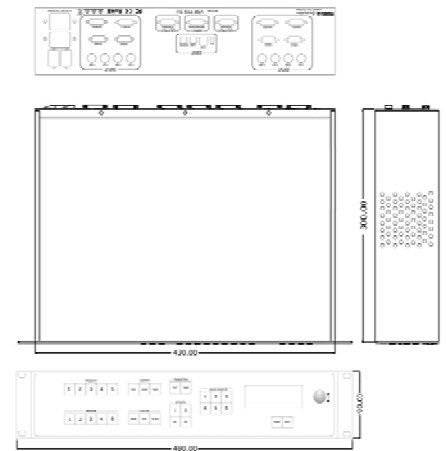
Installation and cabling features

Rear Panel



Connections

- | | |
|---|-----------------------------------|
| ① ~ ④ Composite (CVBS) input connects with BNC | ⑮ ⑰ ⑳ ㉔ VGA input connector DB-15 |
| ⑤ Mini Switches | ⑰ HDMI 2 input via DVI-I |
| ⑥ RJ-45 Connector | ⑱ Preview output by DVI-I |
| ⑦ USB Control Port | ⑲ Background input via DVI-I |
| ⑧ RS232 Control Port | ⑳ Program output |
| ⑨ ~ ⑫ Composite (CVBS) connects with BNC | ㉑ HDMI 3 input via DVI-I |
| ⑬ Power Switch Button | ㉓ HDMI 4 input via DVI-I |
| ⑭ HDMI 1 input via DVI-I | ㉔ Power Cord 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 1234 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- Preview Output

Used to connect with DVI-based monitor so as to monitor status of input signal, or connect DVI-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 7- Program Output

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



Step 8-LAN (Ethernet) port

Use twist CAT5 cable to connect to LAN port, user can control VSP 729 based on default IP address: 192.168.0.100. User can also change the IP address by RS 232 or USB.

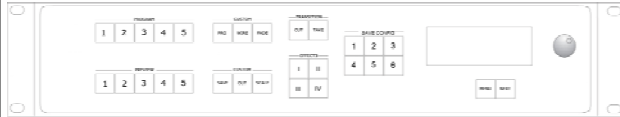
Twist CAT5 should be one end in T568A, and another end in T568B standard.

LAN(Ethernet) port is not for standard configuration.

Pins 12345678	Crossover Cable	
	End 1 Wire Color	End 2 Wire color
1	White-green	White-Orange
2	Green	Orange
3	White-Orange	White-green
4	Blue	Blue
5	WhiteBlue	White-blue
6	Orange	Green
7	White-Orange	White-brown
8	Orange	Brown

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

Local Control—Front Panel Control



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 VSP 729 supports the following resolution:
800x600x60Hz 1024x768x60Hz
1280x768x60Hz 1600x1200x60 1920x1080x60

Step 2—Programming input signal

VSP 729 supports 8 Composite input, 4 VGA input (YPBPR), 4 DVI input(HDMI 1.3) ,Background 4x DVI (DVI 1.0), connect the input to the corresponding connector.

NOTE VSP 729 supports 4 channels programming User can programme and select the signals through 1234 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.

NOTE Current mode can be figured out according to the light of WIPE or FADE button.

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 729 support 3 user saving modes. Push SAVE button and SVAE1, SVAE2, SAVE3 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 729 power on.

All the user settings will gone after factory reset.

Step-USB Port

Connect control PC to USB port via USB cable.

Step 10-Serial port

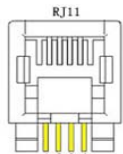
Use RS232 to RJ11 cable to connect a control system or computer to the back panel RJ11 port and the other end on RS232 port. RS232 to RJ11 cable as following definition.



Insert Twisted Pair Wires RS232/RS422 Connector

Pin	RS-232	Funtion	RS-422	Funtion
2	TX	Transmit	TX-	Transmit(-)
3	RX	Receive	RX-	Receive(-)
5	GND	Signal Ground	GND	Signal Ground
7	---	Not used	RX+	Receive(+)
8	---	Not used	TX+	Transmit(+)

Pin	RJ-11	Funtion
1	---	Not used
2	RX	Receive
3	TX	Transmit
4	GND	Signal Ground



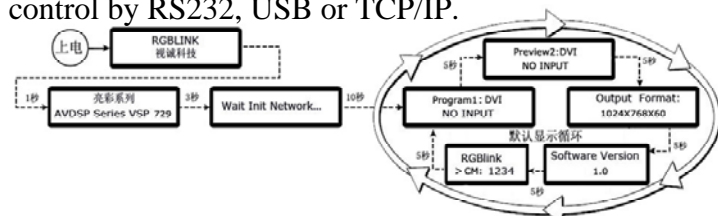
Insert Twisted Pair Wires RJ11 Connector

Step 11-Power

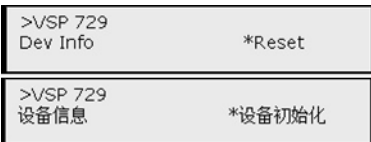
Plug in power cord which has IEC connector, VSP 729 support AC power from 85 to 260 VAC,50-60Hz, which means world wide compatible.VSP 729 supports dual power backup.

Powering Up

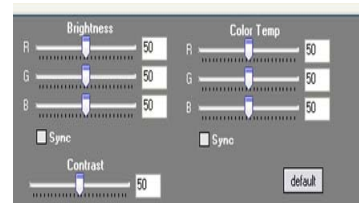
Push power button switcher to ON position. LCD module on the front panel will show RGLINK and VSP 729 model information, and go into self verification before it load the last setting configuration data and send the processed image to the target displayor device. User can operate with VSP 729 through local front panel and remote control with the software run on the PC, remote control by RS232, USB or TCP/IP.



NOTE 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.



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



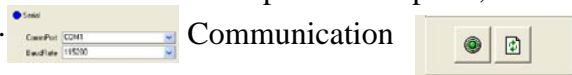
Remote Control- Software Control

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

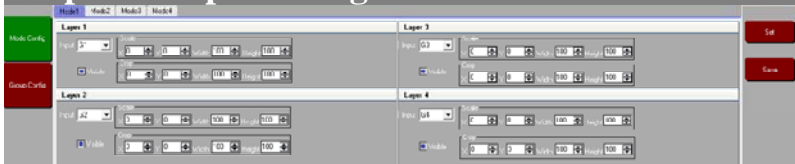
Choose useful RS 232 control port of computer, set baudrate at 115200.



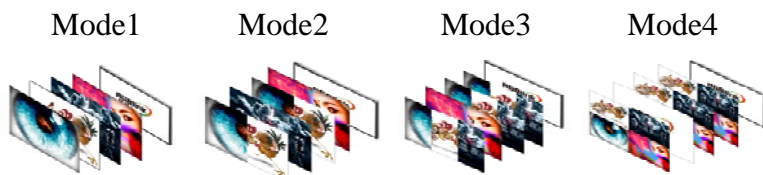
communication button Default IP:192.168.0.100

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



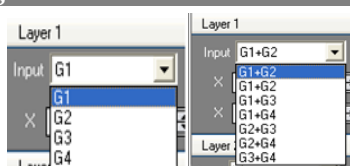
VSP 729 has Mode1 Mode2 Mode3 Mode4 :



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. Recall the saved modes, you can do quicker and seamless switching between modes.

Step 3 – Set up layer of signal mix

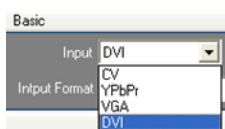
In the mode options page, there is a corresponding layer, the signal mix can be set for each mode. Signal mix can be freely configured according to modes.



Step-Set up input source



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



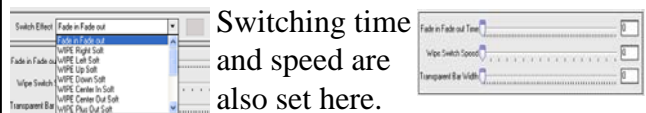
In the Group Config menu users can also set the brightness, contrast, color temperature and other regulation.

Step 5- Set up switch mode

Load the saved mode from Switch Mode window.



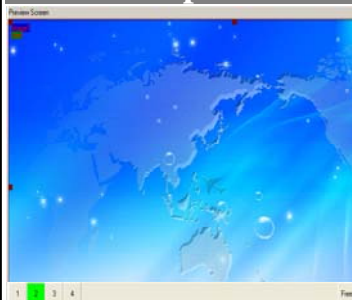
Choose Switch Effect such as fade-in-fade-out from the list of Effect Mode.



Switching time and speed are also set here.

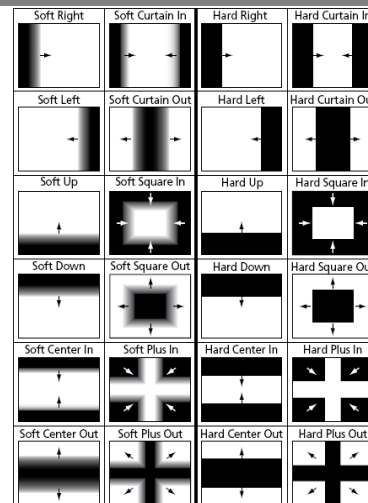
After presetting data, users can see the effect from Program output by pressing TAKE button. Users can achieve the switch effect with lateral push-and-pull rod. CUT is the fast switch with no transition effect.

Preview Operation



Preview interface is designed to connect to preview monitor. From preview window, select 1,2,3 or 4 to preview the signal mix which has been preset and named in 1,2, 3,4.

Program seamless switch effect



NOTE

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.

