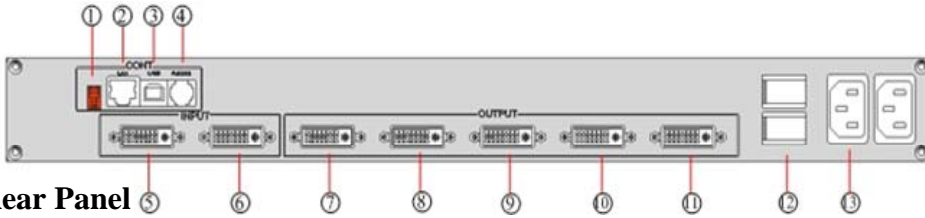


VSP 330 - Quick Start

NOTE For full installation, configuration, and operation details, refer to the VSP330 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 330.

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

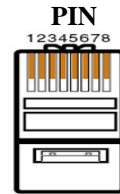


Rear Panel	
①	Mini switches
②	RJ-45 port
③	USB control connector
④	RS232 control connector
⑤~⑥	HDMI input
⑦	HDMI loop
⑧~⑪	HDMI output
⑫	Power on/off
⑬	Power port IEC-3

Interface

Step 6—LAN (Ethernet) port

Use CAT5 cross-cable standards such as the right. The device's default IP address is 192.168.0.100. Users can use the RS232 or USB interface to modify the IP address. CAT5 cross-line, refers to the end of the T568A standard on one end for the T568B standard. Ethernet control interface module for non-standard modules



Insert Twisted Pair Wires
RJ-45 Connector

PIN	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	White-blue	White-blue
6	Orange	Green
7	White-brown	White-brown
8	Brown	Brown

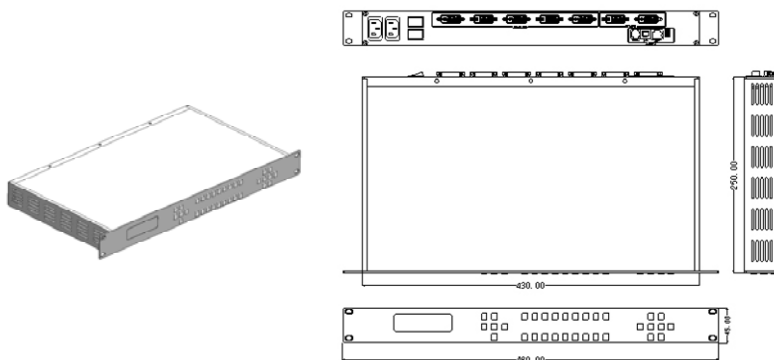
T568A T568B

CAT5 T568A standard one end, other end to T568B standard crossover cable

Step 1-Mounting

Step 7-Serial port

Turn off or disconnect all equipment power sources.



Pin	RS-232	Function	RS-422	Function
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(+)

Step 2-HDMI input (use DVI-I connector)

Use to input video from PC, laptop, HD Video player.



Step 3-HDMI loop (use DVI-I connector)

Loop the HDMI A or HDMI B input to next HDMI device or system.

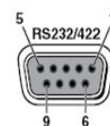
Step 4-HDMI output (use DVI-I connector)

Use to connect with HDMI monitor, DVI display or LED control system.



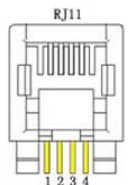
Step 5-USB interface

USB interface used to connect with PC or laptop or other console to control VSP 330.



Insert Twisted Pair Wires
RS232/RS422 Connector

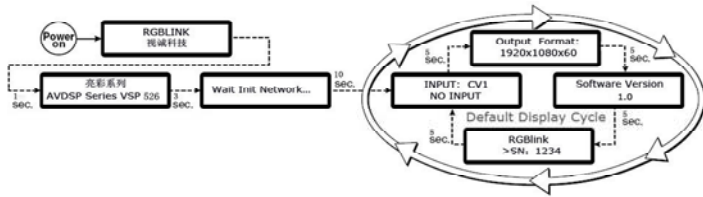
Pin	RJ-11	Function
1	---	Not used
2	RX	Receive
3	TX	Transmit
4	GND	Signal Ground



Insert Twisted Pair Wires
RJ11 Connector

Step8-power connector

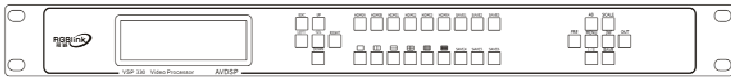
The IEC connector power cord to the power input on the VSP 310, VSP 310 85 to 265V power supply supports AC input, compatible with the current world power system



Powering up

Push power button switcher to ON position. LCD module on the front panel will show RGLINK and VSP 310 model information, and go into self verification before it load the last setting configuration data and send the processed image to the target display or device. For the first time running, CV1 input is the default input source. User can operate with VSP 310 with 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 Operation



Step 1-Input switch

VSP 330 support 2 inputs by HDMI A and HDMI B, push the input will send the input to all the outputs with the output resolution and the scale configuration data. User can set each output by push HDMI1~HDMI4 separately.

NOTE If there is not input for current input, the image will freeze as last frame.

Step 2-Set scale

Push Scale to go into scale setting menu, user can set Horizontal size, vertical size, horizontal position (X) and vertical position (Y).

Go to each set menu, push Sel to go into setting, push Up or Down to change the value, push Sel to enable value and push ESC to escape the menu.

NOTE Keep push UP or DOWN button, the value will change fast each time from 1→10→100 pixels.

During PIP mode, HDMI A is the main window, HDMI B is sub window, user can only set the position of sub window, which means main window position is always (0,0). If user want to set PBP, need to scale HDMI A and HDMI B, position HDMI B to middle.

Step 3-Set output resolution

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

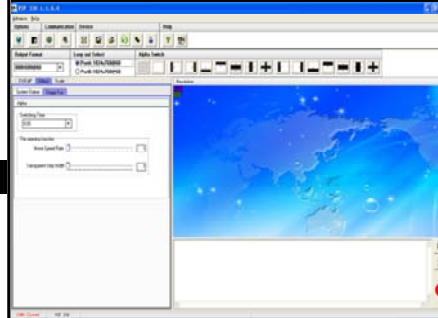
NOTE VSP 330 can set output resolution as the same to HDMI A and HDMI B, and have other 8 800×600×60Hz ;1024×768×60Hz;1280×720×60Hz; 1280×720×50Hz;1280×1024×60Hz; 1600×1200×60Hz; 1920×1080×60Hz;1920×1080×50Hz; The output resolution should be the same or large than the end display.

Step 4-Save

VSP 330 supports 6 user modes. Press SAVE button, SAVE1 to SAVE6 buttons will light up, press SAVE1 to SAVE6 separately will finish save operation.

NOTE SAVE1 is the default user mode of VSP 330, after power on, VSP 330 will work as SAVE1 settings. After Factory reset, all user-mode go to initial settings.

Remote control – software operation



NOTE This software is only setup for windows system, please refer to the user manual for detail. During install and application, please use right language interface.

Step 1-Set up communication

Use the RS 232 port on the computer, baudrate should be 115200.



Set com



Open com

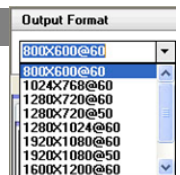


Close com

Step 2-Set up output resolution

Select output resolution from pull down output list.

NOTE Push the pull down list to select HDMI A or HDMI B as output resolution, it means the output will work directly with this resolution.



Step 3-Set Scale

User can scale the image with mouse drag and drop operation; User can also scale by input the data into the scale parameters and set.



Step 4-Save operation

Push “Save to flash” button and select one of user mode to save, there are three user mode in the list.



Save to flash button, use to save user mode

Advance setting functions

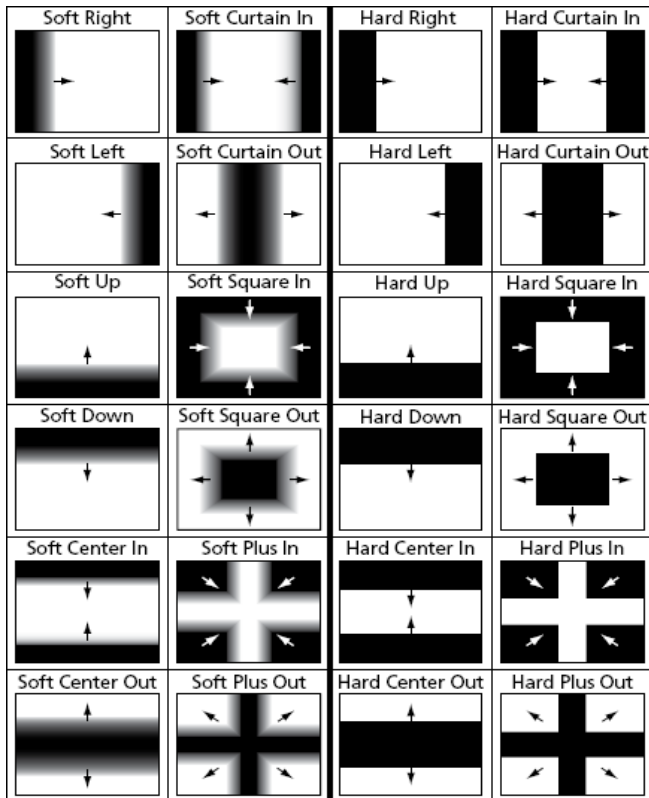
VSP 330 support advance setting for seamless switch and split panel control.

They are available from local or remote control.

Local control-Seamless Switch

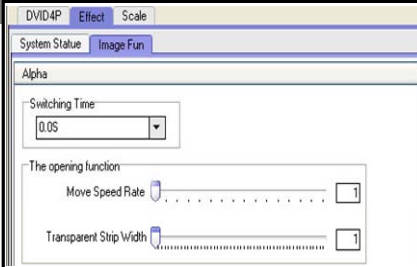
Push AB button to active seamless switch function menu, use UP or DOWN to change the seamless switch function, and use SEL to select the function to work during switch.

Seamless Switch functions

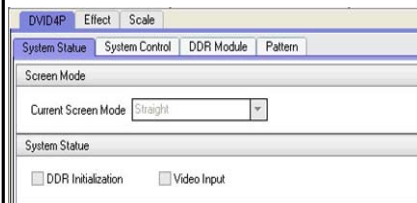


NOTE For function 1~6, user can active also by local front panel, function 7~12 active only by software.

Remote control for advance function



Use mouse to push “Seamless Switch” page, push the function on the page to active.

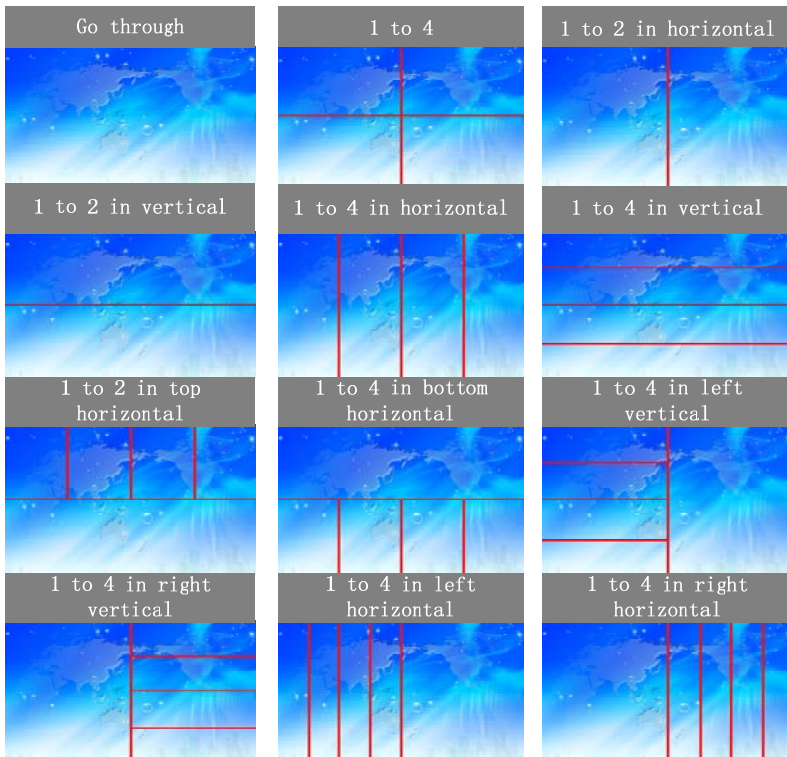














Use mouse to push “Split panel” page, push the function on the page to active.



Local control-split panel

Push MENU to go into main menu, and use UP or DOWN to go to split panel menu, push SEL to go into and then push LEFT/RIGHT to find the split panel functions. Push SEL to check to use the split function to work. There are 12 split panel functions as following. Go through, 1 to 4, 1 to 2 in horizontal, 1 to 2 in vertical and so on.



-  Go through
-  1 to 4
-  1 to 2 in horizontal
-  1 to 2 in vertical
-  1 to 4 in horizontal
-  1 to 4 in vertical
-  1 to 2 in top horizontal
-  1 to 4 in bottom horizontal
-  1 to 4 in left vertical
-  1 to 4 in right vertical
-  1 to 4 in left horizontal
-  1 to 4 in right horizontal