# RGBlink 视诚 VIEWSIZE THE WORLD

# 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.
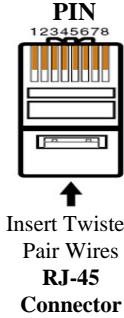
## Installation and cabling features
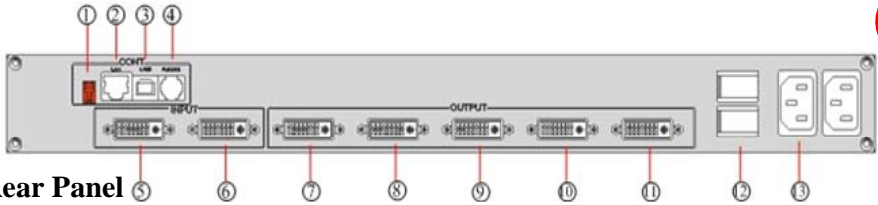


**Rear Panel**

## Interface

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

## Step 1-Mounting

Turn off or disconnect all equipment power sources.



## 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.

## 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
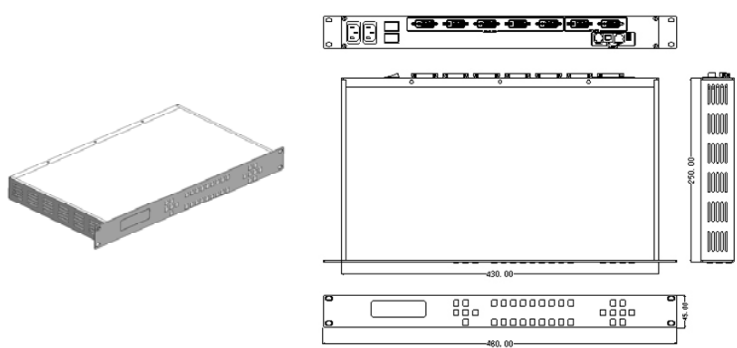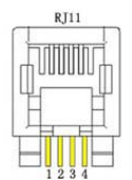
**PIN**
1 2 3 4 5 6 7 8

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 7-Serial port

| 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(+) |

RS232/422
5 ... 1
9 ... 6

Insert Twisted Pair Wires
**RS232/RS422 Connector**
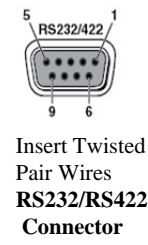
| Pin | RJ-11 | Function |
|---|---|---|
| 1 | --- | Not used |
| 2 | RX | Receive |
| 3 | TX | Transmit |
| 4 | GND | Signal Ground |

RJ11
1 2 3 4

Insert Twisted Pair Wires
**RJ11 Connector**

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Tel: 00865925771197       Fax:00865925771202
Email: rgblinkcs@gmail.com    http://www.rgblink.com

## 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
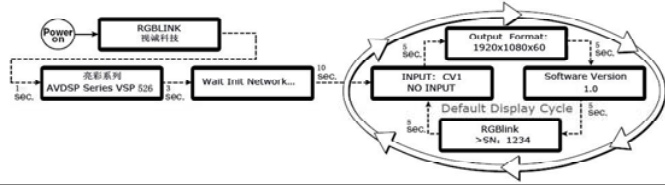


## Powering up

Push power button switcher to ON position. LCD module on the front panel will show RGBLINK 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
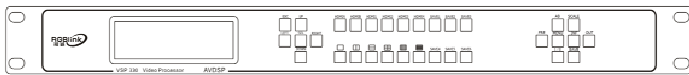


## Step 1-Input switch

VSP 330 support 2 inputs by HDMIA and HDMIB, 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, HDMIA is the main window，HDMIB 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 HDMIA and HDMIB, position HDMIB 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.

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**NOTE** VSP 330 can set output resolution as the same to HDMIA and HDMIB, 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.
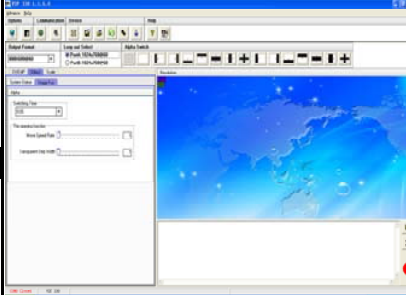
## Step 1-Set up communication

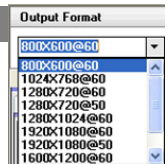Use the RS 232 port on the computer, baudrate should be 115200. Set com   Open com   Close com

## Step 2-Set up output resolution

Select output resolution from pull down output list.

**NOTE** Push the pull down list to select HDMIA or HDMIB as output resolution, it means the output will work directly with this resolution.

## Step 3-Set Scale

User can scale the image with mouse drap 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.

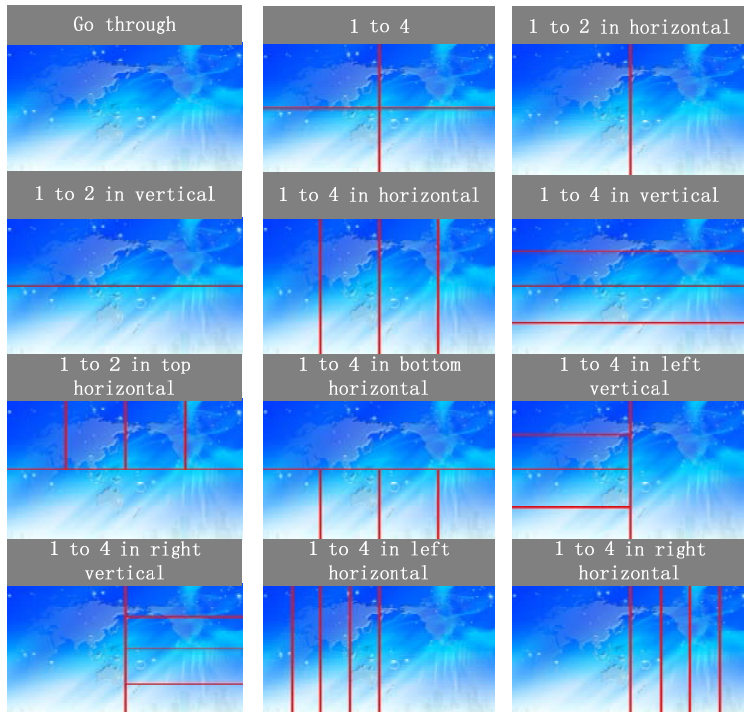## Local control-Seamless Switch

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.

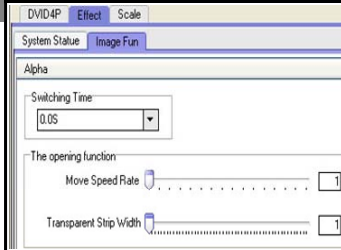## Seamless Switch functions
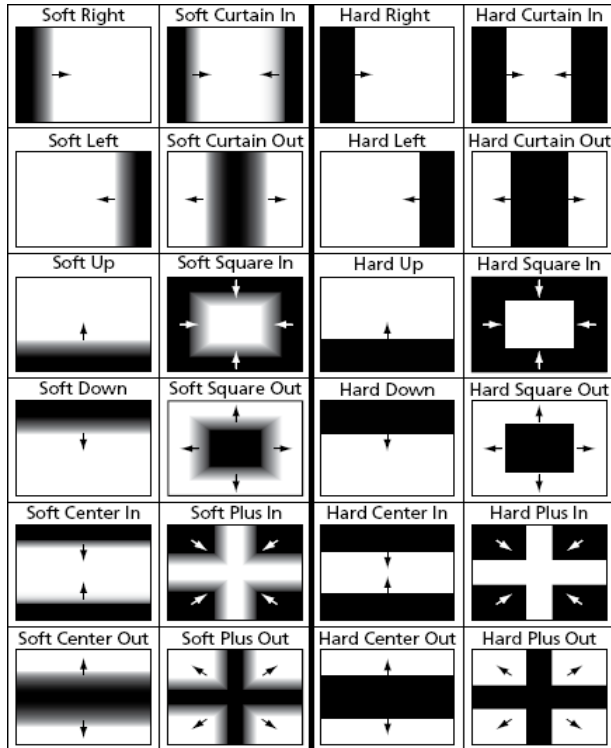


## Local control-split panel

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.



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.
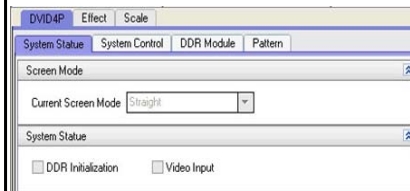


Use mouse to push "Split panel" page, push the function on the page to active.
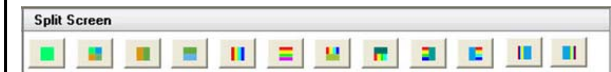


Go through

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

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