![RGBlink 视诚] **VIEWSIZE THE WORLD**
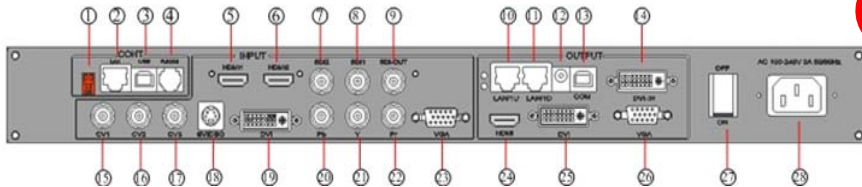
VSP 618 – Quick Start

| NOTE | For full installation, configuration, and operation details, refer to the VSP 618 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 618. |

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
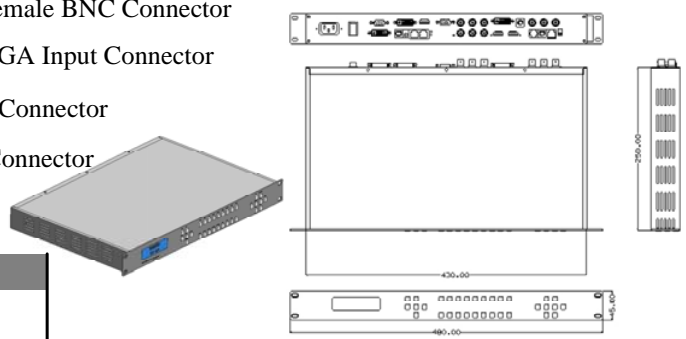
Rear Panel

Connections

① Mini Switches
②⑩⑪ LAN RJ-45 port
③⑬ USB control port
④ RS232 control port
⑤⑥ HDMI Input Connectors
⑦～⑨ SDI Female BNC connector
⑫ TX Card Power Connector
⑭ TX Card DVI Input Connector

⑮～⑰ Composite Female BNC connectors
⑱ S-Video (DIN 4) Input connector
⑲ DVI (DVI-I) Input Connector
⑳～㉒ Component Female BNC Connector
㉓ DSUB 15-pin VGA Input Connector
㉔ HDMI Ouput Connector
㉕ DVI Output Connector

㉖ DSUB 15-pin VGA Output Connector
㉗ Power Switch Button
㉘ Power Cord Connector IEC-3

Step 1-Mounting

Turn off or disconnect all equipment power sources.

Step 2-HDMI Input

Used to connect the video sources from HDD Media player, DVD Player, Computer. (HDMI Inputs are optional modules, for VSP 618 to support HDMI inputs model are VSP 618C, VSP 618BC or VSP 618BCD.)

Step 3-SDI Input

Used to connect the video sources from HDD Media Player, HD Camera. (SDI Inputs are optional modules, for VSP 618 with SDI inputs model are VSP 618B, VSP 618BC or VSP 618BCD.)

Step 4-SDI Loop out

SDI loop out connector is used to connect another VSP 618B or other SDI-based equipment.

Step 5- Composite Input

Used to input composite signal (PAL, NTSC, SECAM compatible).

Step 6-S-Video input

Used to input S-Video signal (PAL, NTSC, SECAM compatible).

Step 7-DVI input

Input the signal from computer, DVI signal generator and so on.

Step 8-Component input

Used to input signal from Players like DVD; Input signal as R/Pr G/Y B/Pb from left.

Step 9-VGA input

Input from computer or VGA source.

Step 10-HDMI output

Used to connect HDMI-based monitor or LED Display Control system which has HDMI interface.

Step 11-DVI output

Connect to the monitor or LED control system which has DVI interface.

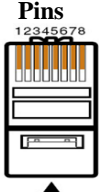## Step 12-VGA output

Connect to the monitor, projector and so on.

Step 13-LAN(Ethernet) port

Use twist CAT5 cable to connect to LAN port, user can control VSP 618 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 anotherend in T568B standard. LAN(Ethernet) port is not for standard configuration.

Pins
1234 5678

RJ-45 Connector

Crossover Cable

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	WhiteBlue	White-blue
6	Orange	Green
7	White-Orange	White-brown
8	Orange	Brown
	T568A	**T568B**

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

Step 14-USB port

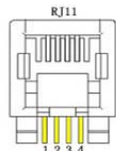Use USB cable to connect the VSP 618 and computer.

Step 15-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.

5 RS232/422 1

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(+)

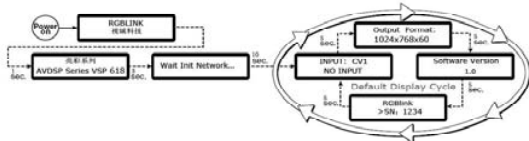| Pin	RJ-11	Funtion
1	---	Not used
2	RX	Receive
3	TX	Transmit
4	GND	Signal Ground

RJ11

1 2 3 4

Insert Twisted Pair Wires
RJ11 Connector

Step18- Power

Plug in power cord which has IEC connector, VSP 618 support AC power from 85 to 260 VAC,50-60Hz, which means world wide compatible.

Powering Up

Push power button switcher to ON position. LCD module on the front panel will show RGBLINK and VSP 618 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 VSP618 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 618 supports twelve inputs: CV1, CV2,CV3, SVideo,YCbCr,VGA,YPbPr,DVI,SDI1,SDI2,HDMI1, HDMI2 (SDI1 and SDI 2 are only for VSP 618B, HDMI and HDMI2 are only for VSP 618C). push each source button, will switch to each source input, and display on the target monitor or display system.

NOTE When there is not video or graphic input, and user switch to that input, the last frame image of the last input will keep on display.

Step 2-Scale

Push Scale button and go into scale setting menu. Use UPor 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 3-Output resolution

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

NOTE VSP 618 supports 21 output formats：
640×480×60Hz;800×600×60Hz;1024×768×60Hz
1024×768×75Hz;1280×720×60Hz;1280×768×60Hz;
1280×960×60Hz;1280×1024×60Hz;1360×768×60Hz;
1365×768×60Hz;1366×768×60Hz;1440×900×60Hz;
1400×1050×60Hz;1600×1200×60Hz;1680×1050×60Hz;
1920×1080×60Hz;1920×1200×60Hz;2048×1152×60Hz;
2048×1536×60Hz;1280×720×50Hz;1920×1080×50Hz;

Output resolution should be the same or large than the monitor or display system resolution.

More resolutions can be accessed from PC.

Step 4-Set Fade in and Fade out effect

Push [I/II] button to go to dual channels mode (PIP, picture in picture), select window 1 from CV1, CV2,CV3,SVID,YCbCr,SDI1,SDI2, and window 2 from VGA,YPbPr,DVI,HDMI1and HDMI2.

Push [AB] button to make fade in and fade out function. Window 1 is default small window image, window 2 is the Bottom large image. Window 1 is default selected input source ready for scale operation, if user wants to scale the bottom image, need to push to switch to the input button first and then push scale button to do the scaling for the image.

NOTE Push [I/II] again will go back to single channel; Check on the front panel, if two buttons lights up, means work in PIP, else in single channel.
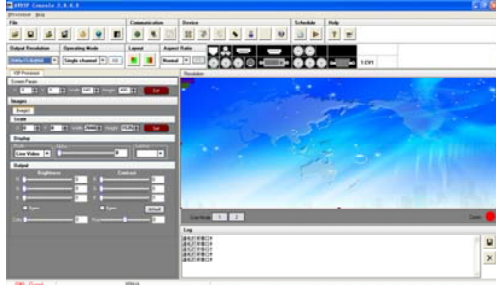
Step 5-Save

VSP 618 support 2 user saving mode. 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 618 power on.

All the user settings will gone after factory reset.

Remote control -- Software Operation

NOTE For setup software, please check with user manual. And install correct language version to work with right language user interface.
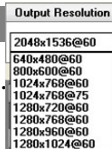
Step 1-Set up communication

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

Step 2-Output resolution

Select output resolution from pull down output list.

```
Output Resolution
2048x1536@60
640x480@60
800x600@60
1024x768@60
1024x768@75
1280x720@60
1280x768@60
1280x960@60
1280x1024@60
```
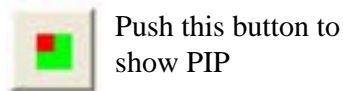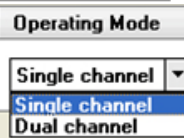
Step 3-Scale

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.

Scale X 1 Y 0 Width 466 Height 417 Set

Step 4-Set up picture display mode

Operating Mode

Single channel
Single channel
Dual channel
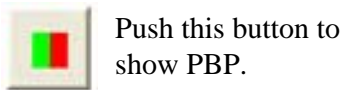
Under dual channels mode, user can set up the pictures's size and position，as following:

 Push this button to show PIP

NOTE CV1,CV2,CV3,SVID,YCbCr,SDI1 or SDI2 is default small picture, DVI,YPbPr,VGA,HDMI1or HDMI2 is default bigger picture.

 Push this button to show PBP.

Step 5-Save

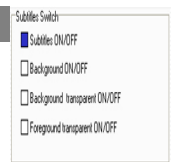Push "Save to flash" button and select one of user mode to save, there are three user mode in the list. Save to flash button, use to save user mode

Insert subtitle and LOGO

"Setting subtitle" in the menu "Video Processor" provides function for inserting the subtitle and logo .

Subtitle switch

Click "Subtitle on/off"button to insert the subtitle，and click the "transparent background"if user likes.

Subtitles Switch
Subtitles ON/OFF
Background ON/OFF
Background transparent ON/OFF
Foreground transparent ON/OFF

Insert subtitle

Input words (such as ad words) into the subsitle dialog, which could contain up to 80 characters. After finish click "Settings" button, subtitles will be immediately displayed over the image.

Color of words or subtitle background

Dragging the scrollbar to change the background Color of words or subtitle background, you can click the button to select the desired color.

Subtitle running

Through the "Subtitle rolling" menu, rolling or stationary subtitles can be set. Currently, the VSP 618 only supports lateral rolling. The Vertical rolling is not supported yet.

Subtitles movment
Subtitles roling ON/OFF
roling Left roling Right

Rolling speed of subtitle

Change the rolling speed by draging the scrollbar.

Rate
Soon   Slow
0

Position of subtitle

Adjusting the horizontal and vertical coordinates can change the position of subtitles on the screen. Width means the vertical distance of the subtitle display area. When you have set the subtitle position, subtitles will be displayed within the set area.

Subtitles Position
X 0 Y 0 Set
Width 0 Set

Add LOGO

Users can put any LOGO onto the big screen. Users can choose whether or not to show LOGO through button " LOGO On/Off".

Logo Switch
Logo ON/OFF
Logo Background ON/OFF
Logo transparent ON/OFF

When turning on the button "LOGO background color On/Off", LOGO will be floating on the big screen with black background.

When turning on the button "transparent LOGO On/Off", LOGO will be transparent over big screen.

Download LOGO

The LOGO picture should be revised to specified format and size. The user can download LOGO to the device through "download logo" menu. Turn on the button "Logo on/off", the logo will be displayed to the big screen. Adjusting the horizontal (X) and vertical coordinates (Y) can change the position of LOGO on the screen.

DownLoad Logo
X 0 Y 0 Set
FilePath C:\Documents and Settings\Administrator\桌面\WYQ\字幕文件\LOGO图片\l ... DownLoad
0%