<div align="center">
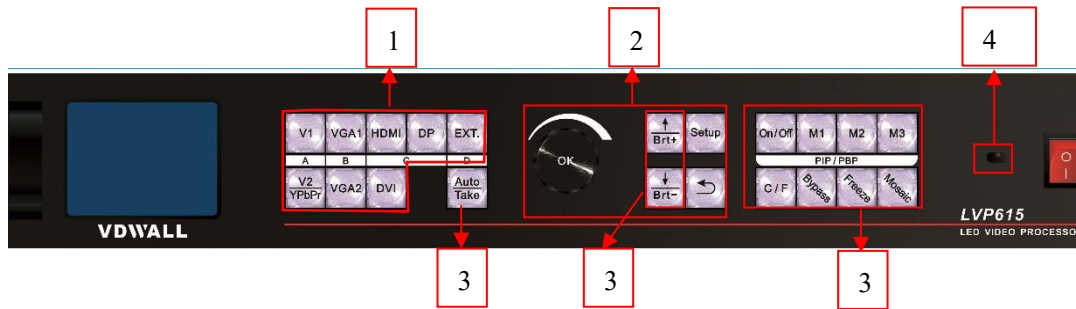
LVP615 serial quick user guide V1.0

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In order to make sure users can quickly use LVP615 serial LED video processor, we prepared the<LVP615 serial quick user guide>. About LVP615 deeply setup, adjustment and operation, please refer to <LVP615 serial user manual>.
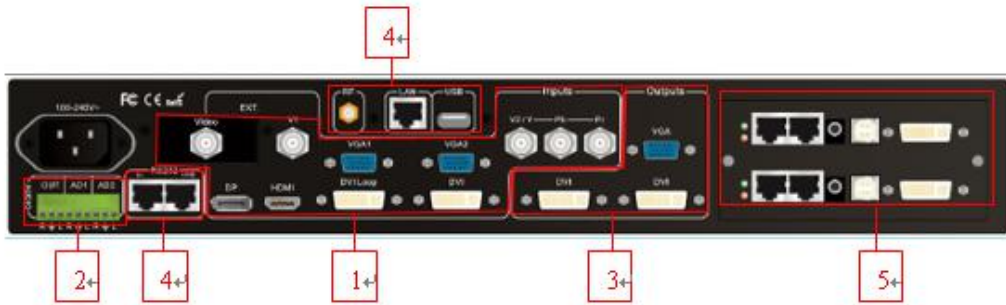
Front\rear panel button introduction
Front panel button

①input signal selection keys：used to select corresponding input signals.			
V1 , **V2/YPbPr** , **VGA1** , **VGA2** , **HDMI** , **DP** , **DVI** , **EXT.**			
② setup key：used to set LVP615 parameters			
Setup	Enter menu	**knob**	rotate **knob** can change current setup item parameters press knob （ **OK** key)to save parameters.
↑ , ↓	Select setup items		
↰	Menu return key		
③other function keys			
Auto	VGA auto adjustment	**C/F**	switching effect selection key
Take	Switch signals under Pre+Take switching mode	**M1** , **M2** , **M3**	PIP/PBP display mode key
Brt+ **Brt-**	Output brightness adjustment key	**On/Off**	PIP/PBP function on/off key
Bypass	Full and part display mode and switching key	**Mosaic**	Mosaic function on key
		Freeze	Output image freeze key
④remote sensing window： built in infrared receiver			

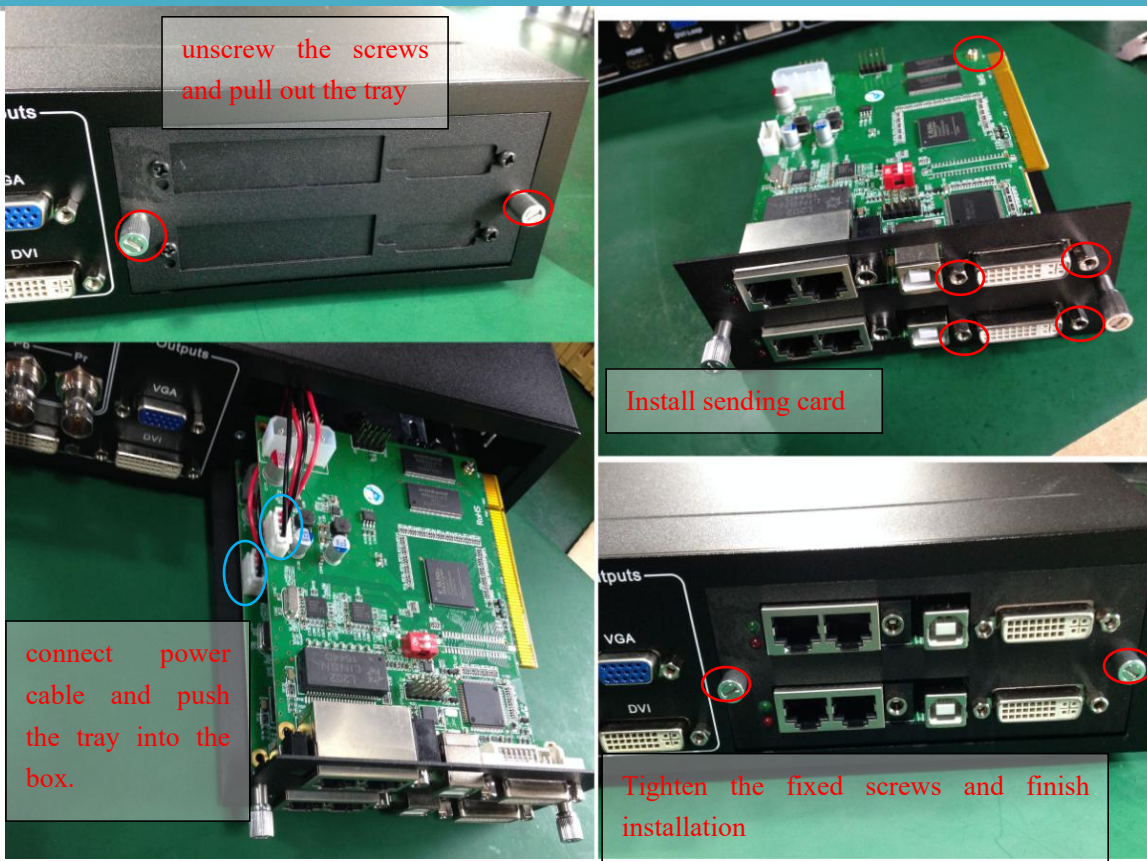**Rear panel button**

1）video signal input ports   2）audio signals input and output   3）video signal outputs   4）

communication ports   5） sending card installation location
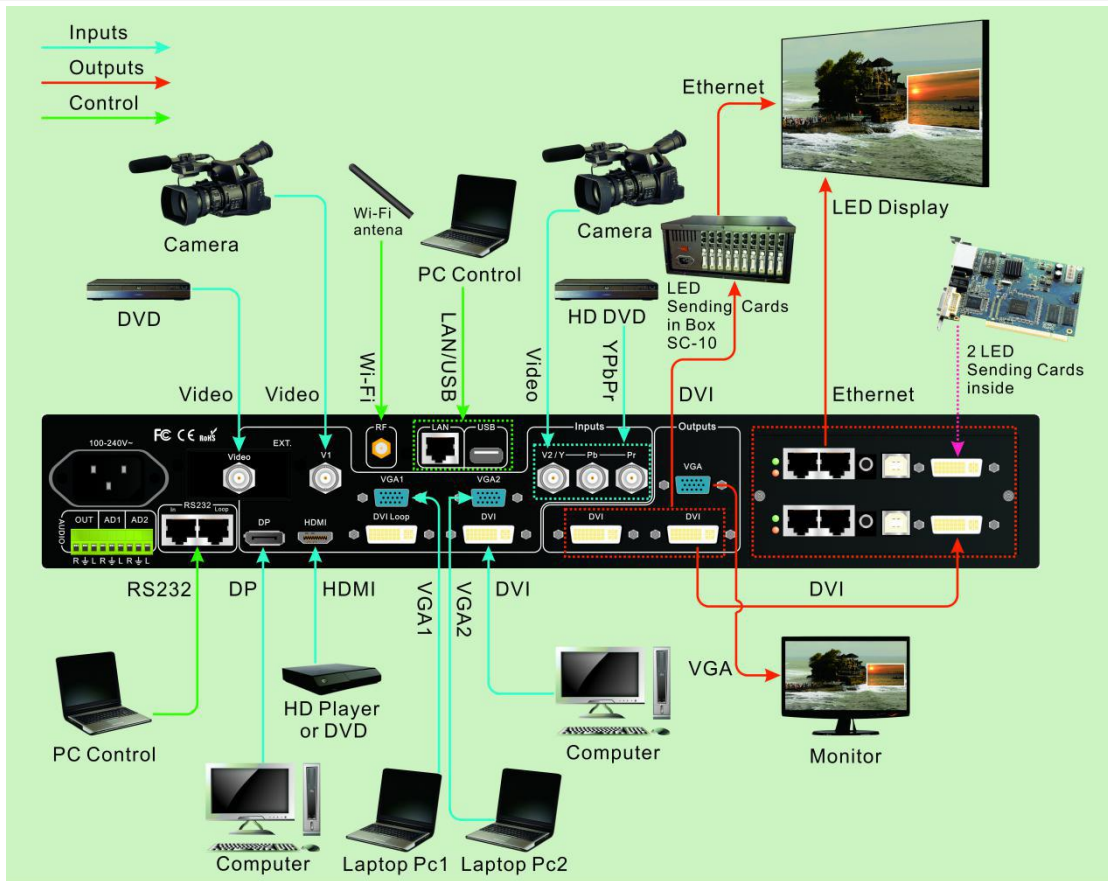
Step 1： sending card   installation

1)   Take out LVP615 processor, unscrew the sending card baffle screws and pull out the sending card tray.

2)   Install the sending card on the corresponding location of sending card tray and tighten the screws.

3)   Connect sending card +5 power cable and push the tray into the box.

4)   Tighten the baffle screws. Then finish sending card installation.

unscrew the screws and pull out the tray

Install sending card

connect power cable and push the tray into the box.

Tighten the fixed screws and finish installation

Step 2：connect input and output signals

1) Turn off the power of all signal source devices.

2) Connect the output signals from video sources to corresponding video input ports of LVP615.

3) Connect LVP615 DVI outputs to DVI inputs of sending cards.

4) Connect sending card RJ45 cables to LED receiving cards .

5) Connect LVP615 VGA output to LCD display(used as monitor).

   Refer to follow connection diagram：

Connection diagram

Step 3: Connect power and power on

1) Make sure all input and output connection correct.

2) Connect power to LVP615 and turn on it.

3) Power on the video source devices.

Step 4: input signals selection

After turn on LVP615, LCD will show as below. Press input signal key to choose corresponding input signal.

```
Input:              HDMI
In status:          1080p_60Hz
------------------------------------------
Output size:        1920x1080
Output start:       （0, 0）
------------------------------------------
Switch mode:        one key SW
Switch time:        1.5sec
```

Step 5： output resolution setup

When turn on LVP615,

1) Press **Setup** key，then press knob （ **OK**), LVP615 enter setup menu and press **↑,↓** to select corresponding setup menu. Press knob (**OK**) to enter. Press ⬅ back to last item. Rotate knob to select language"中文"or "English"and press **OK** to save.

2) Enter setup menu：1.out image→1.1 resolution， and rotate knob to change output resolution. Select output resolution which is bigger than LED real resolution and press **OK** to save.

3) Processor will restart automatically to apply for new output resolution.

Step 6： output image width and height setup

After LVP615 restart

1) Press **Setup**，then press **OK** to enter setup menu 1.out image→1.2out width，rotate knob to change the output width value to the actual pixel value of LED screen and press **OK** to save.

2) Then press **↓** enter 1.3 out height，and rotate **OK** to change the output height value to the actual pixel value of LED screen. Press **OK** to save.

3) Press ⬅ to exit setup menu.

Step 7： computer resolution setup

1) Enter computer graphic card control interface, In setting up multiple monitors, select mode

" copy" " extend" or " dual display " .

2) Set the monitor resolution as the same of LVP615 output resolution. The LVP615 LCD will display current computer resolution.

Step 8：part / full display（Bypass）

1) Press DVI key to select DVI input signal. Make sure DVI input resolution is bigger than the LVP615 output width and height.

2) Press Bypass key and indicator on, LED screen is under part pixel to pixel display situation. Picture is not compressed.

3) Then press Bypass key and indicator off, LED screen is under full display situation. Picture is compressed to display whole on the LED screen.

Step 9：turn on PIP / PBP

1) In single picture display state, press signal key to select background signal.

2) Press ON/OFF key, LCD will show：PIP=？

3) Select signal key to select PIP/PBP signal to enter dual pictures display.

4) LVP615 can presave 3 different kinds of PIP/PBP mode, Press mode key"M1~M3" to select.

5) Under PIP / PBP on state,Press ON/OFF key to turn off PIP/PBP function. LED screen will show single picture.

Step 10：setup PIP / PBP parameters

1) After turn on PIP/PBP, press Setup ， then press OK ，LVP615 enter PIP/PBP setup menu.

```
D.PIP/PBP              Mode=M1
_____

D.1 PIP width          640
D.2 PIP height         320
D.3 PIP H_start        16
D.4 PIP V_start        16
D.5 Main width         1920
D.6 Main height        1080
D.7 Main H_start       0
D.8 Main V_start       0
```

2) Press M1~M3 to select needed set mode, press ↕ to select needed set items and rotate knob to change parameters. Press OK to save parameters and finish PIP/PBP setup.

Appendix: modify the record table

Version	Time	Description	Draft
V1.0	2017.5.9	the first release	Lts