

LVP603S

**RS232 Control Protocol
(Part)**

- ◆ **LVP603S has opened some RS232 control commands. Users can use these commands to program a suitable software for your application projection.**

I. RS232 Serial Communication Protocol

Baud rate: 4800
No parity
8 Data bit
1 Stop bit

II. RS232 Command Format

Each command consists of 10 character strings, all of which start with "zz" and end with "y". For example: "zzmaxxxxxy" means switching input signal to **V1**.

III. Select input signals

Command	Read/Write	Definition
"zzmaxxxxxy"	Write	Switch input signal to V1
"zzmbxxxxxy"	Write	Switch input signal to V2
"zzmcxxxxxy"	Write	Switch input signal to DP
"zzmhxxxxxy"	Write	Switch input signal to SDI
"zzmexxxxxy"	Write	Switch input signal to VGA
"zzmfxxxxxy"	Write	Switch input signal to DVI
"zzmgxxxxxy"	Write	Switch input signal to HDMI

IV. Set output images brightness

Command="zzmj"+"Brightness"+"xxxxy"

Brightness is value ranging from "a" to "q". It is 16 levels in total.

Brightness="a", output image brightness BRT=0

Brightness="q", output image brightness BRT=64.

For example: Command="zzmjaxxxxxy", output image brightness BRT=0.

Command="zzmjbxxxxy", output image brightness BRT=4.

Command="zzmjcxxy", output image brightness BRT=8.

Command="zzmqxxxxy", output image brightness BRT=64.

V. The attentions for design operating control software.

The interval should not be too short while sending channel switching commands through control software. Please add the delay time during switching between 2 channel. Please refer to the follow chart.

Objective channel	The shortest delay time(second)
V1	3S
V2	3S
VGA	3S
DVI	5S
HDMI	5S
DP	5S
SDI	3S

Thank you for using our product!

Shenzhen VDWALL CO.,LTD
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