

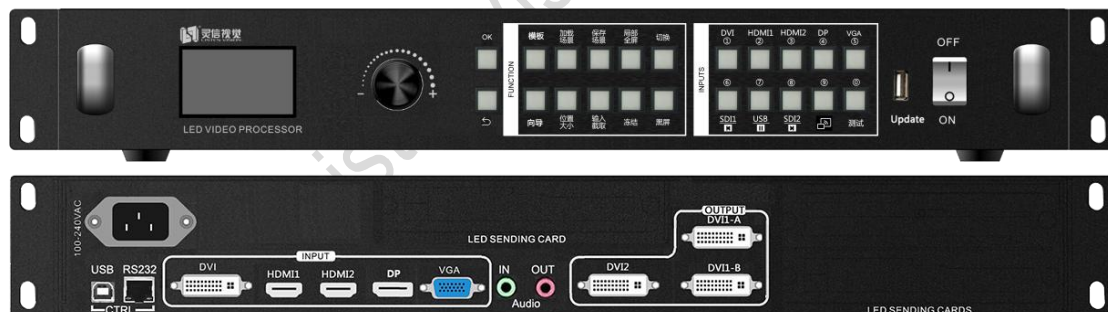


LISTEN VISION

VIDEO PROCESSOR

LS-VXP1000

SPECIFICATIONS



Shanghai Listen Vision Technology INC.

3/20/2018

INTRODUCTION

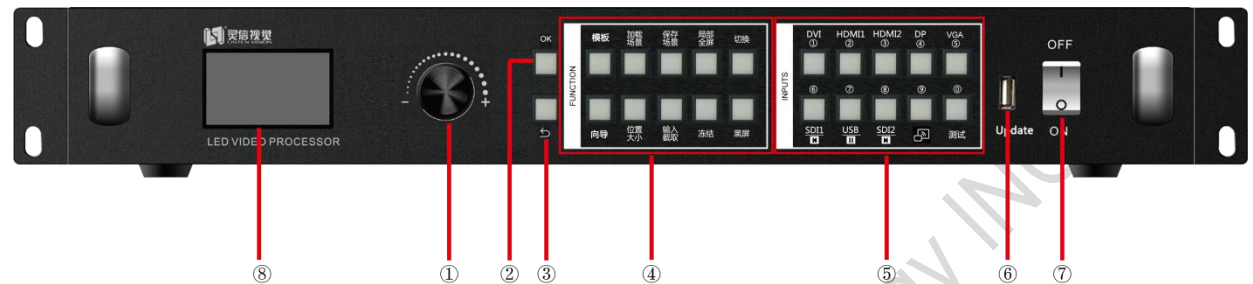
LS-VXP1000 is a high performance video processor by Listen Vision. It has 8 input interfaces including 1*DVI, 2*HDMI, 1*DP, 1*VGA, 1*Audio, and 2*USB/SDI (optional) and 5 output interfaces including 2*DVI , 2*DVI backup , 1*Audio. It also features in playing four images simultaneously, 2*SDI inputs (extended). Besides, it supports RGBCMY color calibration, and supports to rotate or turn the images over. On-load 4 million pixels makes VXP1000 display perfectly.

FEATURES

- 1 , supports 4 million pixels with width up to 3,840 and height up to 1,600
- 2 , Support four images to play an the same time, and enable 4K*2K inputs
- 3 , Supports input via 2*SDI/2*USB(extend)
- 4 , Support 4K*2K input via DVI/HDMI/DP/USB
- 5 , Support RGBCMY color calibration
- 6, Enable to rotate pictures in 90°/180°/270° and turn them over horizontally or vertically

APPEARANCE INTRODUCTION

Front panel



① : Rotary knob : to press knob means ENTER or OK. Rotating knob represents selection or adjustment.

② : OK key : OK means ENTER or OK.

③ :  BACK key : pressing means getting back to upper menu.

④ :Function :10 function key, template, load, save, part/full, switch, guide, size, input/crop, frozen, black.

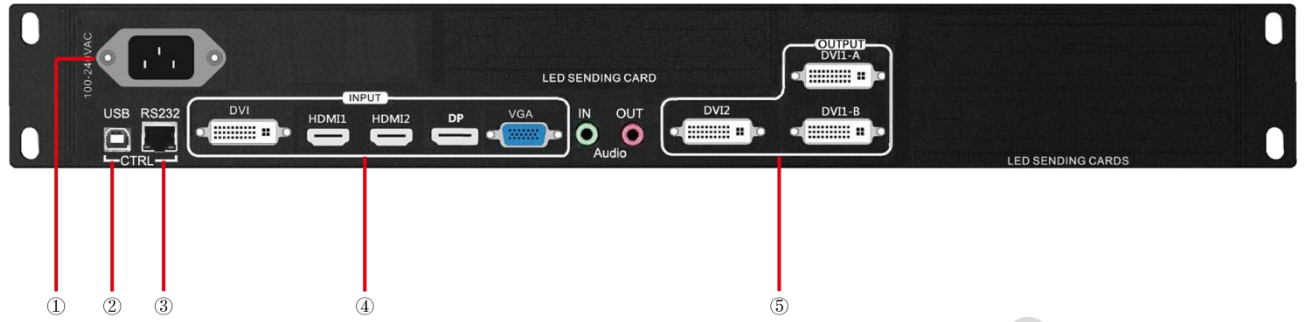
⑤ : Input interface : 8 input interfaces, 1*DVI , 2*HDMI , 1*DP , 2*VGA , 2*USB/SDI(optional) , 1*audio.

⑥ : USB update procedure

⑦ : Power on/off

⑧ : Control panel

Rear Panel



①: Power interface

② : USB : host computer interface

③ : RS232 : host computer or center console interface

④ : Input interfaces : 1*DVI , 2*HDMI , 1*DP , 1*VGA

⑤ : Output interface : DVI 1-A , DVI1 -B , DVI2

PARAMETERS

DVI INPUT

Quantity 1

Interface type DVI-I socket

Signal standard DVI1.0 , HDMI1.4 downward compatibility

Resolution Standard VESA , PC to 3840x2160 , SHD to 2160 p30

HDMI INUT

Quantity 2

Interface type HDMI-A

Signal standard HDMI1.3 downward compatibility

Resolution Standard VESA , PC to 3840x2160 , SHD to 2160p30

VGA INPUT

Quantity 1

Interface type DB15 socket

Signal standard R、 G、 B、 Hsync、 Vsync:0 to1Vpp±3dB (0.7V Video+0.3v Sync)

75 ohm black level : 300mV Sync-tip : 0V

Resolution Standard VESA , PC to 2560x1600

DP INPUT

Quantity 1

Interface type DP

Signal standard DP1.2 downward compatibility

Resolution Standard VESA , PC to 3840x2160 , SHD to 2160p30

※ SDI INPUT(OPTIONAL)

Quantity 2

Interface type BNC

Signal standard SD/HD/3G-SDI

1080p 60/50/30/25/24/25(PsF)/24(PsF)720p

Resolution 60/50/25/24 1080i 1035i

625/525 line

※ USB INPUT(OPTIONAL)

Quantity 2

Interface type USB Type A

Signal standard	USB differential signal
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Resolution	720p/1080p /2160p
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AUDIO INPUT

Quantity	1
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Interface type	3.5mm audio output
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Signal standard	Analog audio
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AUDIO OUTPUT

Quantity	1
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Interface type	3.5mmaudio output
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Signal standard	Analog audio
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DVI VIDEO OUTPUT

Quantity	3
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Interface type	DVI-I socket, DB15 socket
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Signal standard	Standard DVI : DVI1.0
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Resolution	800×600@60Hz	1920×1080@60Hz
	1024×768@60Hz	1920×1200@60Hz
	1280×720@60Hz	1024×1920@60Hz
	1280×1024@60Hz	1536×1536@60Hz
	1440×900@60Hz	2046×640@60Hz
	1600×1200@60Hz	2048×1152@60Hz

1680×1050@60Hz

OVERALL PARAMETERS

Input power 100VAC – 240VAC 50/60Hz

Max power 25W

Work temperature 0°C ~ 45°C

Storage humidity 10% ~ 90%

TOPOLOGY

