Linsn Technology

X2000

Two-in-one Video Processor

Specifications

V3.0

Linsn Technology

Revision History

Document Version	Hardware Version	Revision Date	Note
V3.0	V4	2020/1	New edition

Overview：

X2000, integrated with sender, which is a professional two-in-one video processor. It uses advanced image processing technology and has various inputs but it is also easy to use. One processor supports up to 2.3 million pixels: up to 3840 pixels horizontally **or** 1920 pixels vertically

Functions and features:

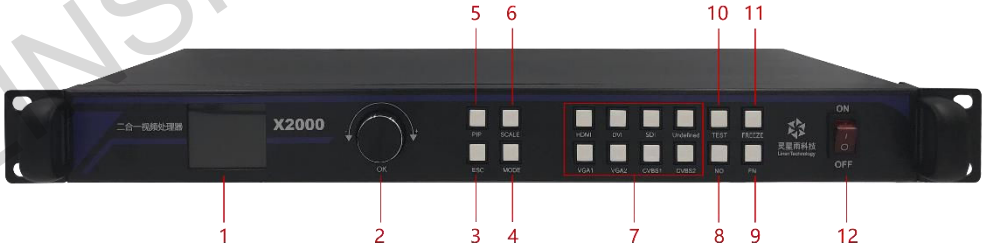
1. Two-in-one video processor integrated with sender;
2. Supports up to 2.3 million pixels with four outputs;
3. Supports up to 3840 pixels horizontally or 1920 pixels vertically;
4. Supports DVI/HDMI1.3@60Hz/VGA/CVBS/ SDI(**optional**)input;
5. Supports switching different channel with fade-in/out or seamless effect;
6. Supports EDID custom management;

LINSN TECHNOLOGY

7. Supports full-screen scaling, pixel-to-pixel scaling;
8. Supports image quality process;
9. Supports two image display;
10. Supports PIP and fade-in/out effect;
11. Supports cascade;
12. Supports audio output via multifunction board when inputting HDMI signal.

Appearance

Front panel



No.	Interface	Features
1	LCD	For display menu and current status
2	Control Knob	1.Press down to enter menu 2. Rotate to select or set up
3	Return	Exit or return

LINSN TECHNOLOGY

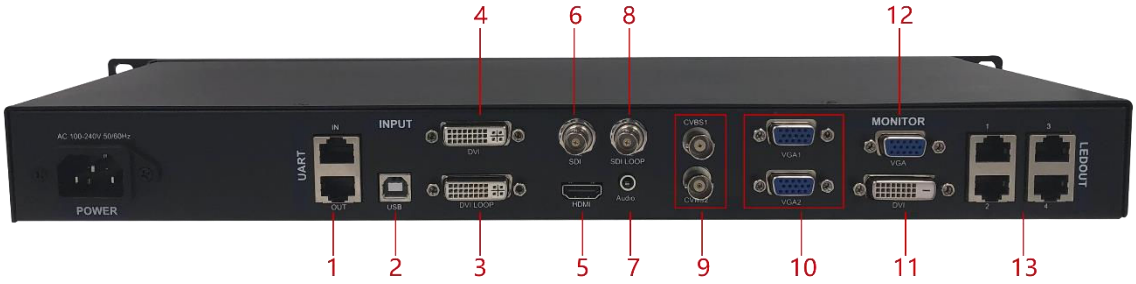
4	Mode	For mode selection
5	PIP	Quick setup for PIP
6	Scale	Quick path for full-screen scaling or pixel-to-pixel scaling
7	Video source input selections	There are 8 buttons in this section: （1）HDMI: HDMI signal input selection （2）DVI: DVI signal input selection （3）VGA1\VGA2: VGA input selection, only one VGA can be enabled at a time （4）CVBS1\CVBS2: both CVBS channels can be used simultaneously （5）SDI: **Optional**, functions when SDI module is mounted （6）Reserved
8	None	
9	FN	Reserved
10	TEST	For testing, output R,G,B,W grayscale color bar
11	Freeze	Freeze image
12	Power	Power switch

Input specifications		
Port	QTY	Resolution specification
HDMI1.3	1	VESA standard，supports up to 1920×1080@60Hz
VGA	1	VESA standard，supports up to 1920×1080@60Hz
DVI	1	VESA standard，supports up to 1920×1080@60Hz
CVBS	1	Supports NTSC: 640×480@60Hz，PAL: 720×576@60Hz

LINSN TECHNOLOGY

Linsn Technology

Rear panel



Control	
No	Description
1	UART, for cascade
2	USB, for connecting PC to use LEDSet to do the setup and upgrade

Input		
No	Connector	Description
3	DVI	DVI loop out
4	DVI	VESA standard, supports up to 1920*1080@60Hz and backward compatible
5	HDMI	HDMI1.3 standard, supports up to 1920*1080@60Hz and backward compatible
6	SDI	**Optional**, SDI input
7	AUDIO	Audio input
8	SDI LOOP	**Optional**, SDI loop out
9	CVBS	PAL/NTSC standard
10	VGA	Supports up to 1920*1080@60Hz, backward compatible

Output		
No	Connector	Description
11	DVI monitoring	DVI output for monitoring
12	VGA monitoring	VGA output for monitoring
13	Network port	Four outputs, each output supports up to 650 thousand pixels and one device supports up to 2.3 million pixels

LINSN TECHNOLOGY

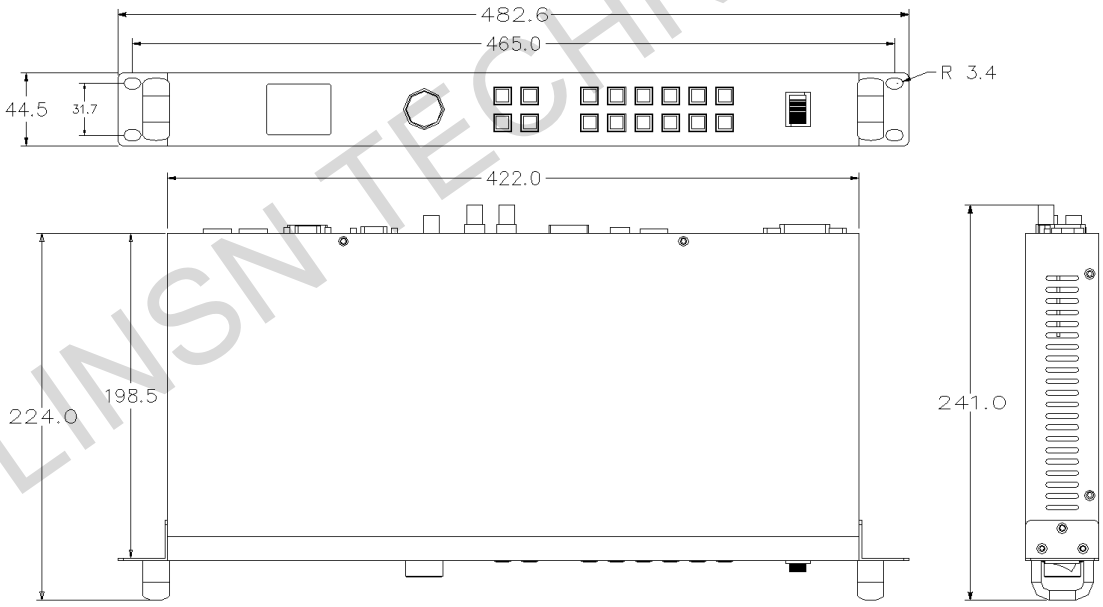
Official website: www.linsn.com
Add：Floor 15&16, Jiajiahao Business Building, No. 10168, Shennan Blvd, Nanshan District, Shenzhen
Tel：+86-0755-86183590/ 4008836968

Linsn Technology

PIP Input Source Collision Table

		CVBS1	CVBS2	VGA1	VGA2	DVI	HDMI	SDI
PIP Channels	CVBS1		×	√	√	√	√	√
	CVBS2	×		√	√	√	√	√
	VGA1	√	√		×	√	√	√
	VGA2	√	√	×		√	√	√
	DVI	√	√	√	√		×	√
	HDMI	√	√	√	√	×		√
	SDI	√	√	√	√	√	√	

Dimensions



LINSN TECHNOLOGY

Official website: www.linsn.com
Add：Floor 15&16, Jiajiahao Business Building, No. 10168, Shennan Blvd, Nanshan District, Shenzhen
Tel：+86-0755-86183590/ 4008836968

Linsn Technology

Specifications：

Power	Working Voltage	AC 100-240V, 50/60Hz
	Rated power consumption	19W
Working Environment	Temperature	-20℃ ~ 70℃
	Humidity	0%RH ~ 95%RH
Physical Dimensions	Dimensions	482 * 241 * 44.5 (unit: mm)
	Weight	3 Kg
Packing Dimensions	Packing	PE protective foam and carton
	Carton Dimensions	48.5 * 13.5 * 29 (unit: cm)

END

LINSN TECHNOLOGY

Official website: www.linsn.com
Add：Floor 15&16, Jiajiahao Business Building, No. 10168, Shennan Blvd, Nanshan District, Shenzhen
Tel：+86-0755-86183590/ 4008836968