

# Specifications

## Video Processor LINSN X1000



**V1.0 SEP 2018**

Official website: [www.linsn.com](http://www.linsn.com)

Add: Floor 15&16, Jiayahao Business Building, No. 10168, Shennan Blvd,  
Nanshan District, Shenzhen

Tel: +86-0755-86183590/ 4008836968

## **1. Summary:**

**LINSN X1000 supports various LED screens in the market, using mature solution, high end video ICs, and 12bit color processing to show colorful and clear image. Using world's leading image process technology, Faroudja, (DCDi to eliminate jagged edges; TNR-reducing noise technology) One processor supports 1.3 million pixels; supports customizing resolution, fade-in/out, picture-in-picture (position and size can be set as your requirements) and capturing parts of full-screen image function.**

**Please note that X1000 only works with Linsn receiving card.**

## **2. Functions and features:**

- 1) X2000 has various interfaces: 2 CVBS ports, 2 VGA ports, 1 HDMI port, 1 DVI port (DVI LOOP); SDI(with SDI loop, **optional**)
- 2) 2.0 inch LCD menu display;
- 3) Supports PIP, fade in/out function and other effect;
- 4) Supports 16bit greyscale display and output for monitor;
- 5) Supports customizing resolution, like 3840(max width) x 340,

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512 x 1920 (max height), 1280x1024, and 1440x900;

6) Supports cascade.

### 3. Introduction

#### Front panel



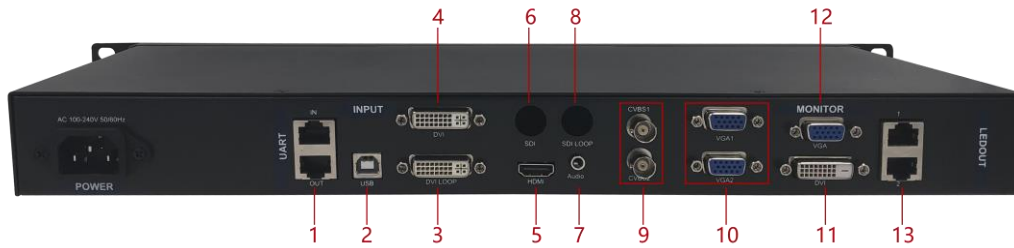
No.	Interface	Features
1	LCD	For display menu and operation
2	Control Knob	1.Press down to enter menu 2. Rotate to select or set up
3	Return	Exit or return
4	Mode	For mode selection
5	PIP	Quick setup for PIP
6	Scale	Scaling button
7	Video source input selections	There are 8 buttons in this section: (1) 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) Undefined: SDI One of them is used as SDI signal input
8	None	
9	FN	Reserved
10	TEST	For testing, output R,G,B,W grayscale colorbar
11	Take	Output confirm. Press down Take button to switch the video source output
12	Power	Power switch

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## 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
5	HDMI	HDMI1.3 standard, supports HDCP1.4 and up to 1920*1080@60Hz
6	SDI	SDI input, optional
7	AUDIO	Audio input
8	SDI LOOP	SDI loop out
9	CVBS	PAL/NTSC standard, dual channel inputs
10	VGA	Supports up to 1920*1080@60Hz, dual channel inputs
11	DVI Monitor	DVI preview output for connecting monitor
12	VGA Monitor	VGA preview output for connecting monitor

Output		
No	Connector	Description
13	Network port	4 network ports for connecting Linsn receivers

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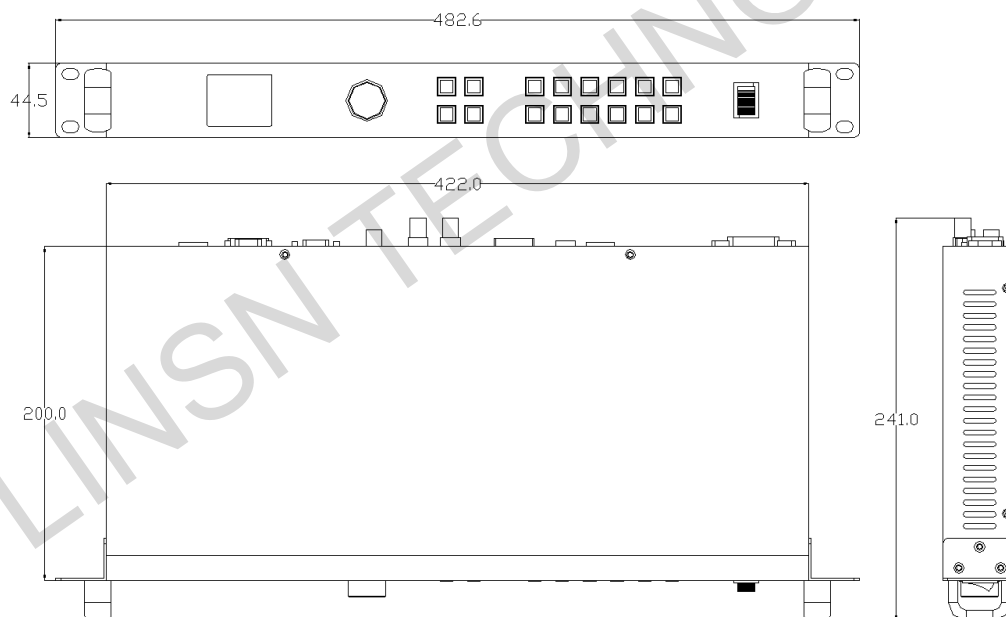
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#### 4. PIP Input Source Collision Table

		CVBS1	CVBS2	VGA1	VGA2	DVI1	HDMI
PIP Channels	CVBS1		✓	✓	✓	✓	✓
	CVBS2	✓		✓	✓	✓	✓
	VGA1	✓	✓		×	✓	✓
	VGA2	✓	✓	×		✓	✓
	DVI1	✓	✓	✓	✓		✓
	HDMI	✓	✓	✓	✓	✓	

#### 5. Dimensions



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## 6. Parameters

Power	AC 100-240V 50/60HZ
Power consumption	19W
Working Temperature	-20°C-60°C
Weight	3.2KG

**END**

LINSN TECHNOLOGY

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