Linsn Technology

X8212

Real 4K Two-in-one Video Processor

Specifications

V3.0

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Revision History

Document Version	Hardware Version	Revision Date	Note
V3.0	V2	2020/1	New edition

Overview：

X8212, designed for large LED screen, which is a professional two-in-one video processor. It supports 4K input, 120Hz/3D display, 3-window layouts and 10-bit color depth. It has 12 outputs and supports up to 7.8 million pixels: up to 8192 pixels horizontally or 4000 pixels vertically.

Functions and Features：

1. Integrated with sending card and video processor;
2. With 12 outputs, supports up to 7.8 million pixels;
3. Supports up to 8192 pixels horizontally or up to 4000 vertically;
4. Support DP1.2/HDMI2.0 4K@60Hz input;
5. Supports switching multiple channels seamlessly;
6. Supports EDID custom management;
7. Support full screen scaling and pixel-to-pixel scaling;
8. Supports 3-windows layouts(place left, middle, right) for any input sources;
9. Supports adjusting image quality;

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10. Supports PIP function for any input source;

11. Supports 3D function.

Appearance：

Front Panel

No	Interface	Description
1	LCD	Displays menu and current status
2	Control knob	1.Press down to enter menu 2. Rotate to select or set up
3	MENU	Main menu
4	Split	For entering layout menu
5	Signal selection	For selecting input source, and the one being selected will light up
6	Freeze	Freezes image

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7	USB	For connecting PC to communicate with LEDSET to do the setup and upgrade
8	Power switch	
9	Take	1.2D/3D switch key 2.For selecting input source when two/three windows output are under use
10	NO	Reserved
11	Scale	Shortcut for zooming in/out, and it is effective under four-network-port splicing and preview mode
12	Exit	Return or cancel
Note:	Split, HDMI1.4, HDMI2.0, DVI, L1, L2, Freeze, Take, L4, L3 represents 0-9 respectively when number mode is activated	

Input specifications

Port	QTY	Specifications
HDMI1.4	1	VESAstandard, max supports3840×2160@30Hz input
HDMI2.0	1	VESAstandard, max supports3840×2160@60Hz input
Dual DVI	1	VESAstandard, max supports3840×2160@30Hz input
DP	1	VESAstandard, max supports3840×2160@60Hz input
VGA	1	VESAstandard, max supports1920×1200@60Hz input

Rear Panel

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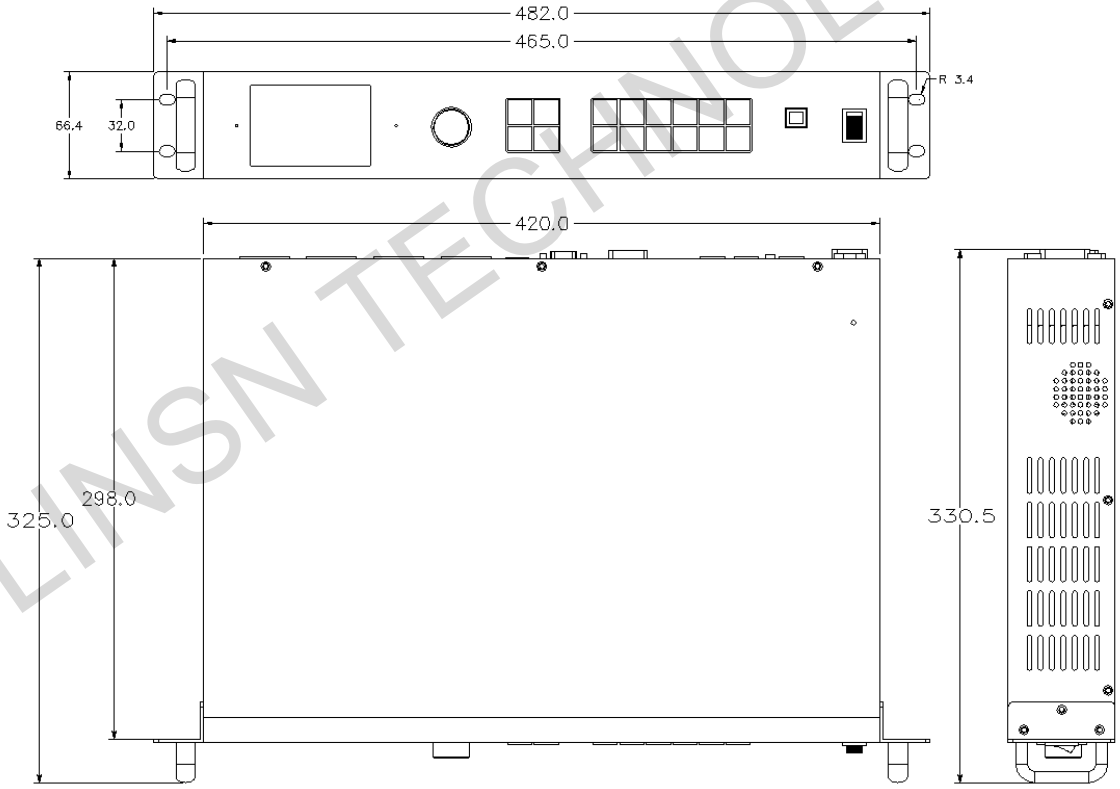
Output specifications		
Model	Network Output QTY	Resolutions
X8212	12	Supports up to 7.8 million pixels Single port supports up to 650 thousand pixels, 256px is a minimum width and up to 2048px horizontally, those values are multiple of 32 Up to 8192 pixels supported horizontally Or up to 4000 pixels supported vertically For 3D effect, it is half the capacity

Dimensions:



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

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Specifications：

Power	Working Voltage	AC 100-240V, 50/60Hz
	Rated power consumption	30W
Working Environment	Temperature	-20℃ ~ 70℃
	Humidity	0%RH ~ 95%RH
Physical Dimensions	Dimensions	482*330.5*66.4（unit: mm）
	Weight	3Kg
Packing Dimensions	Packing	PE protective foam and carton
	Carton Dimensions	52.5*15*43(unit: cm)

END

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