灵星雨科技
Linsn Technology

Y8 Three-layer Two-in-one Video Processor
Specifications

V1.2

Revision History

Document Version	Hardware Version	Revision Date	Note
V1.0		2024/9	New edition
V1.2	V2.2.6-V0.5.1	2025/03	Separate model

Overview

Y8-308 is a series of three layer 4K LED controller designed by LINSN.The largest device supports 5.2 million pixels most. It supports various input and up to 8 gigabit outputs to meet requirements for ultra large LED screen.

Functions and features

1. Various inputs: HDMI1.4*3, DVI*1, SDI*1(Optional)
2. Supports up to 8 gigabit outputs
3. one device supports up to 15360 pixels horizontally or 7680 vertically
4. Supports scaling
5. Scene can be preset
6. Supports EDID management
7. Setup via LAN or type-c port
8. Supports schedule setup
9. License approval
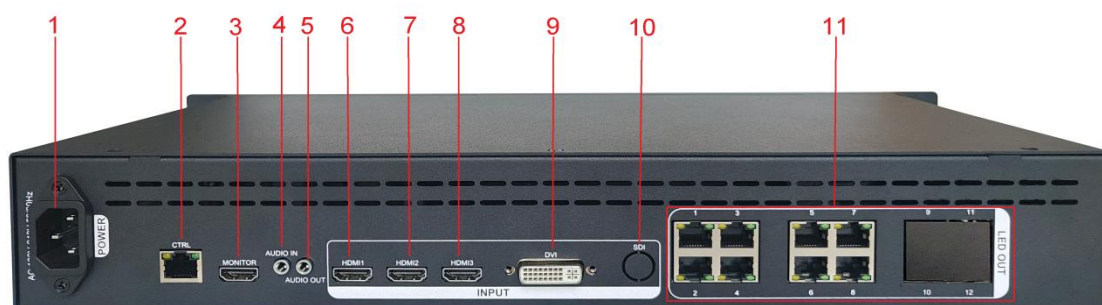10. Output detection
11. Support OSD

Appearance

Front

No	Interface	Function
1	LCD monitor	For displaying menu and current status
2	Control knob	Rotate to select and press down to confirm
3	Menu	Press down to enter menu
4	Esc	Press to exit
5	Del	Delete
6	Freeze	Press to enter freeze
7	Scene	Fast entry for scene

8	HDMI1/1 key	HDMI1 Input/1 selector
9	HDMI2/2 key	HDMI2 Input/2 selector
10	HDMI3/3 key	HDMI3 Input/3 selector
11	DVI/4 key	DVI Input/4 selector
12	SDI/5 key	SDI Input/5 selector
13	S1/6 key	Scene 1/6 selector
14	S2/7 key	Scene 2/7 selector
15	S3/8 key	Scene 3/8 selector
16	S4/9 key	Scene 4/9 selector
17	✿ /0 key	Entry for brightness/6 selector
18	Audio key	Entry for audio
19	Type-C Connector	Type-C for setup
20	USB	USB for update
21	Switch	Power switch

Back

No	Interface	Function
1	Power	Power jack
2	CTRL	Setup port
3	MONITOR	Monitor port
4	AUDIO_IN	Audio input
5	AUDIO_OUT	Audio output
6~10	Video Input	· 3xHDMI1.4：Up to 3840x2160@30Hz, which supports customize · 1xDVI：Up to 1920x1080@60Hz, which supports customize · 1x3G-SDI(optional) up to1920x1080@60Hz
11	LED OUT	12 outputs, for connecting receiver, supports up to 65 thousand pixels each port

Dimensions
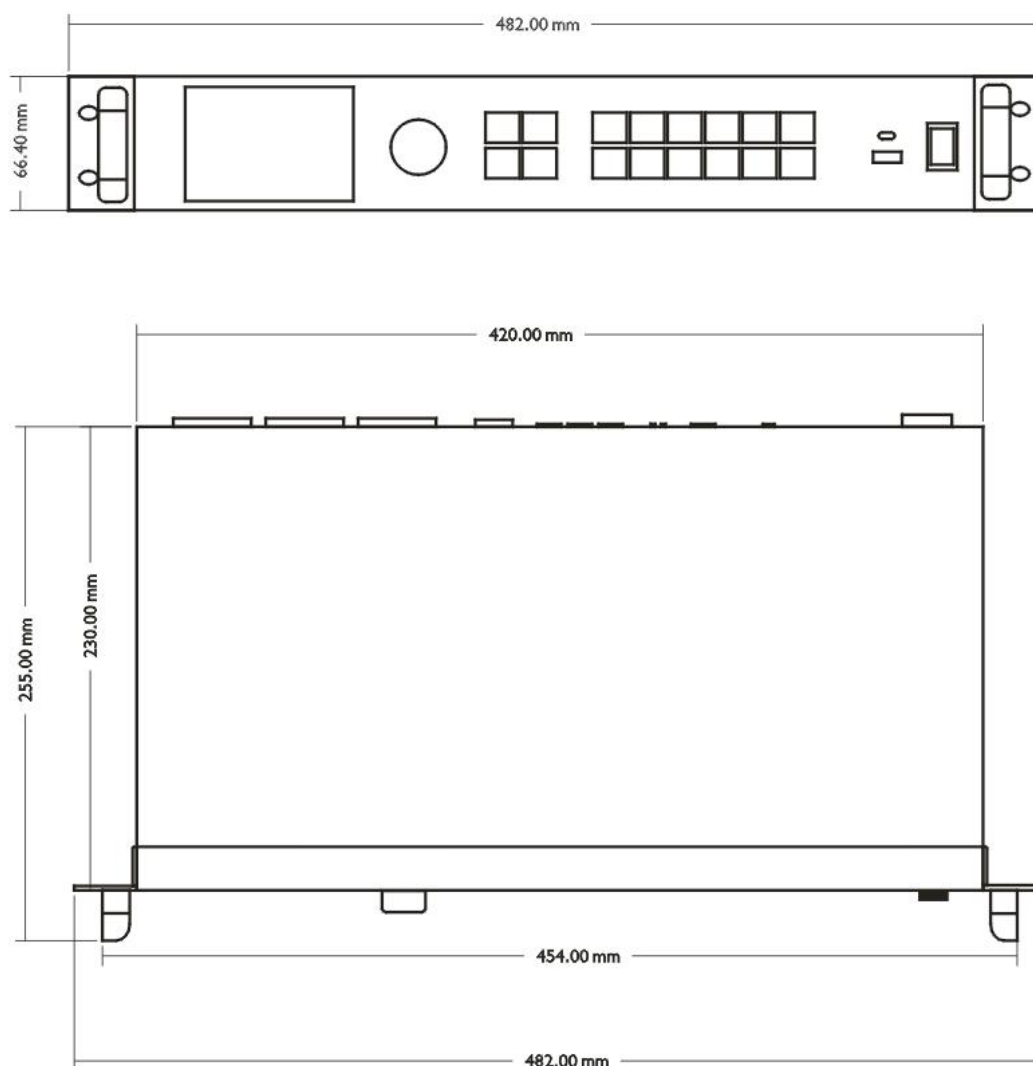
Specifications

Power	Input	AC 100-240V, 50/60Hz
	Power consumption	20W
Working Environment	Temp	-20℃ ~ 70℃
	Hum	0%RH ~ 95%RH
Dimensions	Weight	3.3kg
	Dimensions	482mm×255mm×66.4mm

Declaration

This document is intended to assist you in understanding and using the product. In order to better match the actual product, we may modify or change the content at any time without prior notice. Please refer to the actual product.

Welcome to choose products that use Lingxingyu Technology. If you have any questions or suggestions during use, please contact us through official channels, and we will do our best to provide support and evaluate the adoption of your valuable suggestions.