



Y8 Two-in-one Video Processor

Specifications

V1.4

Revision History

Document	Hardware	Revision	Note
Version	Version	Date	
V1.0		2023/11	New edition
V1.1		2023/12	Revised
V1.2		2024/01	Revised
V1.3	V145-V033	2024/03	Add model
V1.4	V232-V052	2025/03	Separate model type

Overview

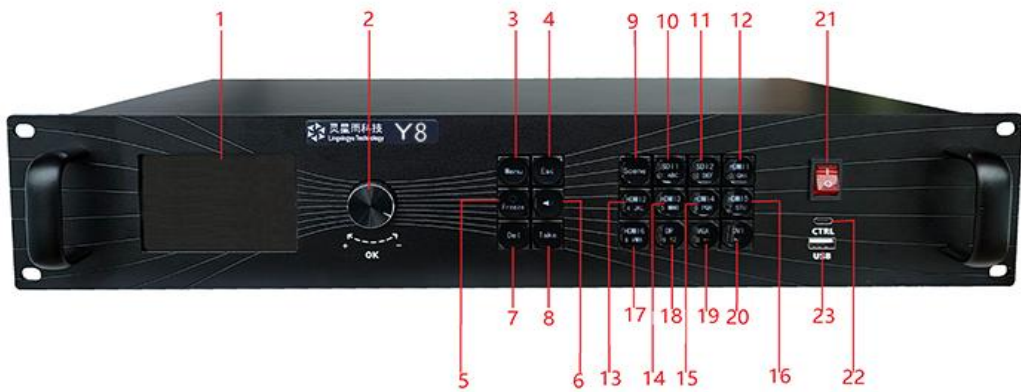
Y8-412 is a series of 4K LED controller designed by LINSN. One device supports 7.8million pixels most. It supports various input and 12 gigabit outputs to meet requirements for ultra large LED screen.

Functions and features

1. Various inputs: HDMI2.0*2, DP1.2*1, HDMI1.3*4, VGA*1, DVI*1, 3G-SDI*2(SDI is optional)
2. Supports up to 12 gigabit outputs
3. one device supports up to 7.8 million pixels
4. Supports up to 15360 pixels wide, or up to 7680 pixels high
5. Supports scaling
6. Multi layers supported and can be positioned randomly, up to 4
7. Review output
8. Scene can be preset
9. Supports EDID management
10. Setup via LAN or type-c port
11. Supports schedule setup
12. License approval
13. Output detection

Appearance

Front

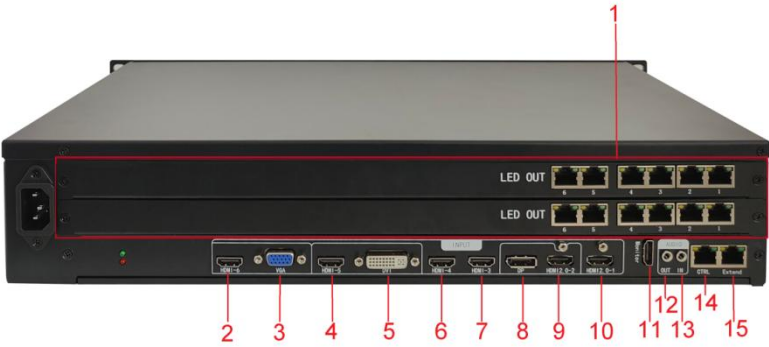


No	Interface	Function
1	LCD monitor	For displaying menu and current status
2	Control knob	Rotate to select and press down to confirm
3	Menu	Press down to enter menu
4	Esc	Press to exit
5	Brightness/Freeze	Press to set brightness or freeze
6	Audio	Press to setup audio
7	Del	Delete
8	Take	Confirmation button for scene
9	Scene	Fast entry for scene

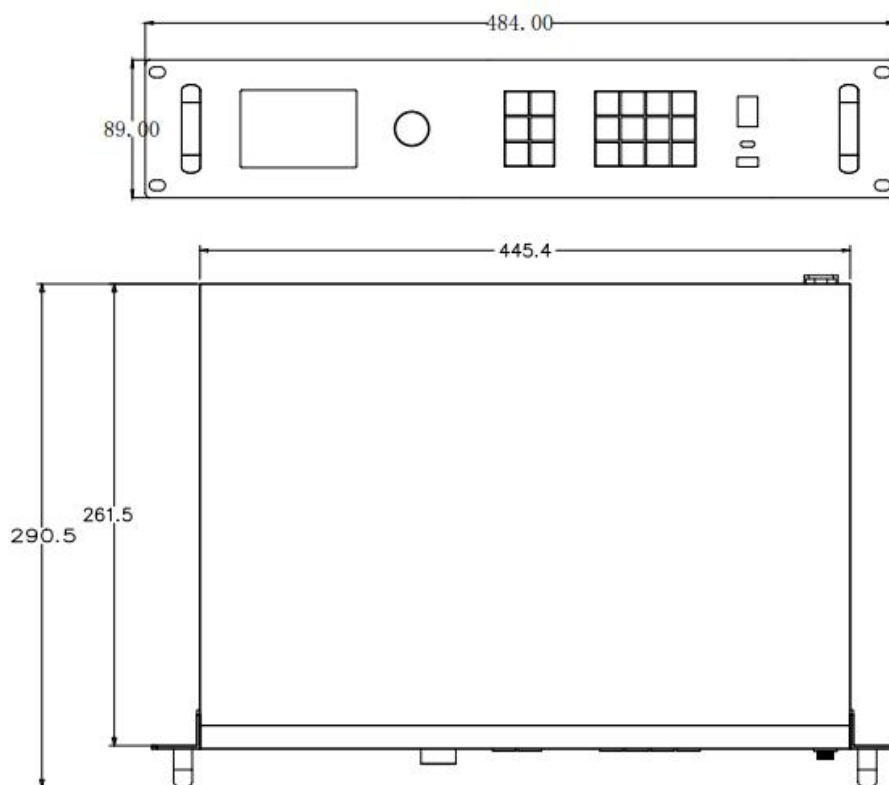
10	SDI1/1 ABC	SDI1 Input/Number1/letter ABC
11	SDI2/2 DEF	SDI2 Input/Number2/letter DEF
12	HDMI1/3 GHI	HDMI1 Input/Number3/letter GHI
13	HDMI2/4 JKL	HDMI2 Input/Number4/letter JKL
14	HDMI3/5 MNO	HDMI3 Input/Number5/letter MNO
15	HDMI4/6 PQR	HDMI4 Input/Number6/letter PQR
16	HDMI5/7 STU	HDMI5 Input/Number7/letter STU
17	HDMI6/8 VWX	HDMI6 Input/Number8/letter VWX
18	DP/9 YZ	DPInput/Number9/letterYZ
19	VGA/0/+-	VGAInput/Number0/+-
20	DVI/*/	DVIInput/*/
21	Power Switch	Turn on/off power
22	CTRL port	For setup
23	USB port	USB for update

Back

Dimensions



No	Interface	Function
1	LED OUT	12 outputs for connecting receivers, up to 650 thousand pixels each port
2~10	Video Input	· 2x3G-SDI(optional) 1920x1080@60Hz; · 4xHDMI1.3:up to 1920x1200@60Hz, customize resolution supported · 1xVGA:up to1920x1080@60Hz, customize resolution supported · 1xDVI:up to1920x1080@60Hz, customize resolution supported · 1xDP:up to 4096x2160@60Hz or 7680x1080@60Hz, customize resolution supported · 2xHDMI2.0:up to 4096x2160@60Hz or 7680x1080@60Hz, customized supported
11	Monitor	Preview output(just for setup)
12	AUDIO_OUT	Audio output
13	AUDIO_IN	Audio input
14	CTRL	Network port for setup
15	Extend	Reserved



Specifications

Power	Input	AC 100-240V, 50/60Hz
	Power consumption	20W
Working Environment	Temp	-20°C ~ 70°C
	Hum	0%RH ~ 95%RH
Dimensions	Weight	4.6kg
	Dimensions	484mm×290.5mm×89mm

Declaration

All rights reserved © 2024 Lingxingyu Technology Development Co., Ltd. All rights reserved.
Without the explicit written permission of our company, no unit or individual is allowed to copy, copy, or extract part or all of the content of this document without authorization. It shall not be disseminated in any form.



is a registered trademark of Lingxingyu Technology.

Without the written permission of our company or the trademark owner, no unit or individual shall use, copy, modify, disseminate, transcribe or infringe on the entire or part of the appealed

trademark in any way, nor shall it be bundled with other products for sale.

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.