



TS12

Big Sender Series

Specifications

V1.4

TS Big Sender

Revision History

Document Version	Hardware Version	Revision Date	Note
V1.0		2024/6	New edition
V1.1		2024/03	Revised model
V1.2		2024/06	Revised introduction
V1.4	V1.4.3	2025/03	Separate model

Overview

TS12 big sender series is a series of 4K LED controller designed by LINSN. One device supports 7.8million pixels most. It supports any resolution and 12 gigabit outputs to meet requirements for ultra large LED screen.

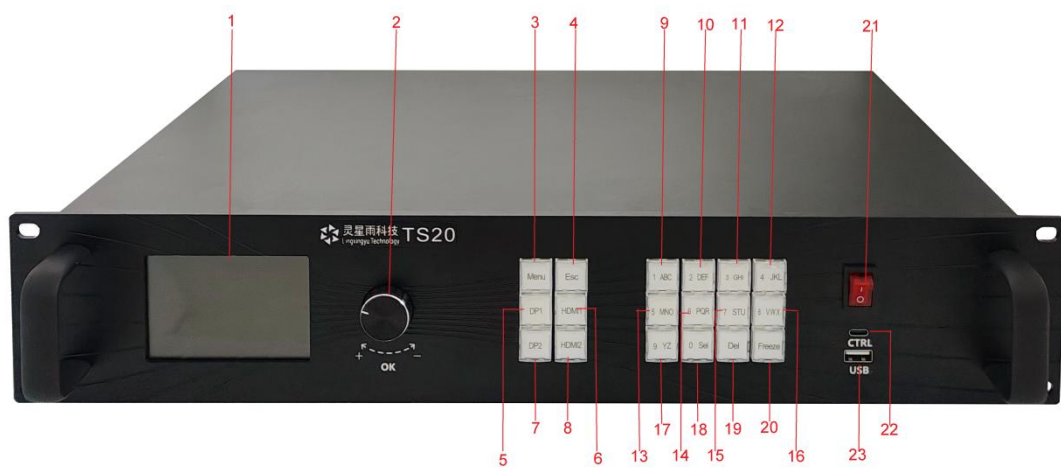
Functions and features

1. Various inputs: HDMI2.0*2, DP1.2*2
2. Supports 12 gigabit outputs respectively
3. One device supports up to 7.8 million pixels
4. Two 4K video input for up-down or left-right splicing
5. Support setup via type-c cable or LAN cable
6. Supports schedule setup
7. Supports USB flash drive and cloud backup
8. Supports USB flash drive and cloud restore
9. License approval
10. Output detection

Appearance



Front



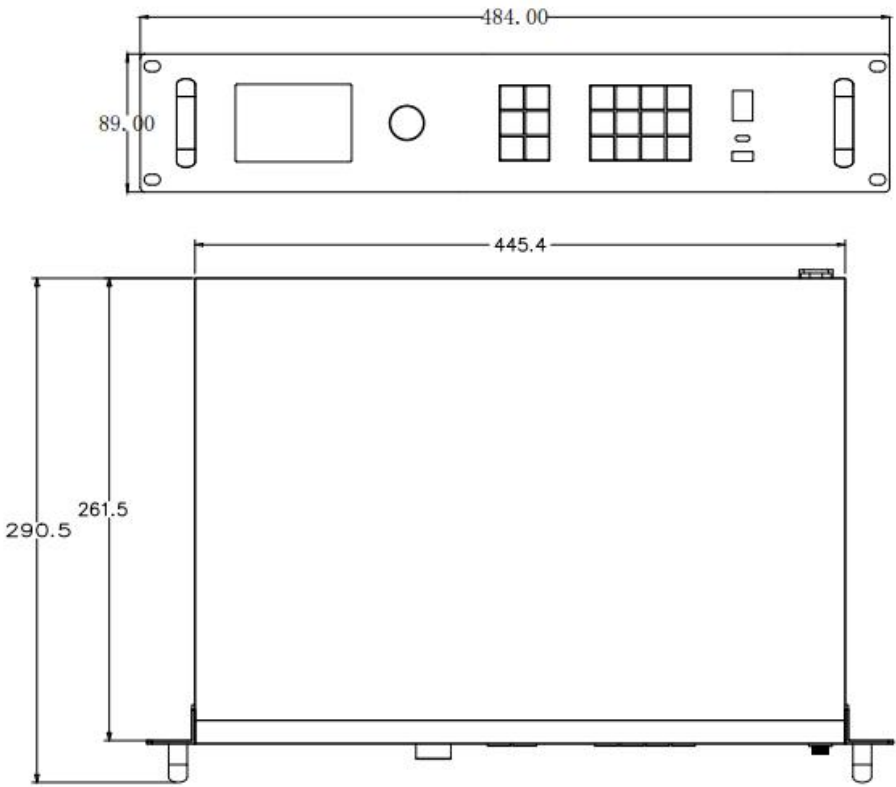
No	Interface	Function
1	LCD monitor	For displaying menu and current status
2	Control knob	Rotate to select and press down to confirm
3	Menu	Press down to enter menu
4	Esc	Press to exit
5	DP1 key	DP selection key when using DP as the first splicing image
6	HDMI1 key	HDMI selection key when using DP as the first splicing image
7	DP2 key	DP selection key when using DP as the second splicing image
8	HDMI2 key	HDMI selection key when using DP as the second splicing image
9	1ABC	Number1/letter ABC
10	2DEF	Number2/letter DEF
11	3GHI	Number3/letter GHI
12	4JKL	Number4/letter JKL
13	5MNO	Number5/letter MNO
14	6PQR	Number6/letter PQR
15	7STU	Number7/letter STU
16	8VWX	Number8/letter VWX
17	9YZ	Number9/letter YZ
18	0/Sel	Number0/+ -
19	Del	Delete
20	Freeze	Freezing image
21	Switch	Turn on/off power
22	CTRL port	For setup
23	USB port	USB for update

Back



No	Interface	Function
1	LED OUT	12 outputs for connecting receivers, up to 650 thousand pixels each port
2	DP2	DP1.2, supports up to 4K*2K@60Hz, backward compatible
3	HDMI2	HDMI2.0, supports up to 4K*2K@60Hz, backward compatible
4	DP1	DP1.2, supports up to 4K*2K@60Hz, backward compatible
5	HDMI1	HDMI2.0, supports up to 4K*2K@60Hz, backward compatible
6	CTRL	For setup
7	Extend	Reserved

Dimensions



Specifications

Power	Input	AC 90-264VAC, 50/60Hz
	Power consumption	20W
Working Environment	Temp	-20°C ~ 70°C
	Hum	0%RH ~ 95%RH
Dimensions	Weight	4.80kg
	Dimensions	484mm×290.5mm×89mm

Declaration

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