



# TS20

## Big Sender Series

# Specifications

# TS Big Sender

## Revision History

| Document<br>Version | Hardware<br>Version | Revision<br>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

TS20 big sender series is a series of 4K LED controller designed by LINSN. One device supports 13million pixels most. It supports any resolution and 20 gigabit outputs to meet requirements for ultra large LED screen.

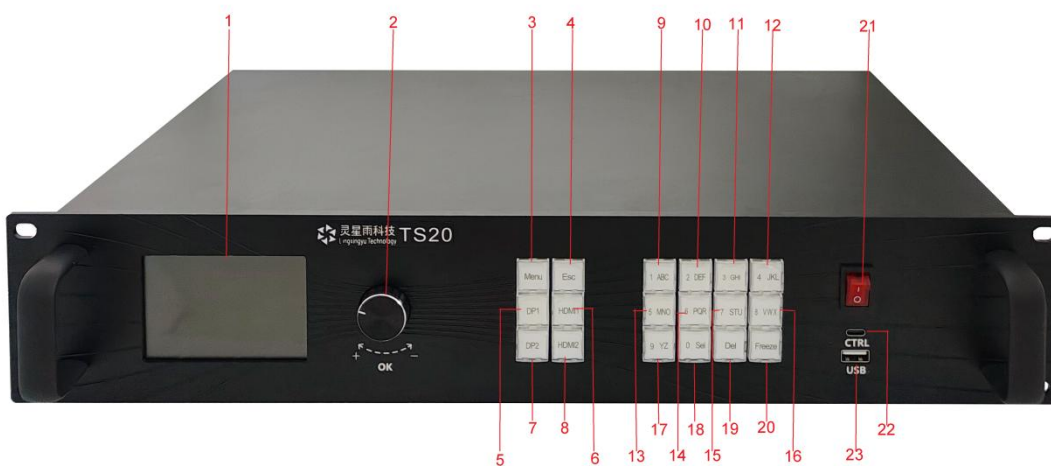
## Functions and features

1. Various inputs: HDMI2.0\*2, DP1.2\*2
2. Supports 20 gigabit outputs respectively
3. One device supports up to 13 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



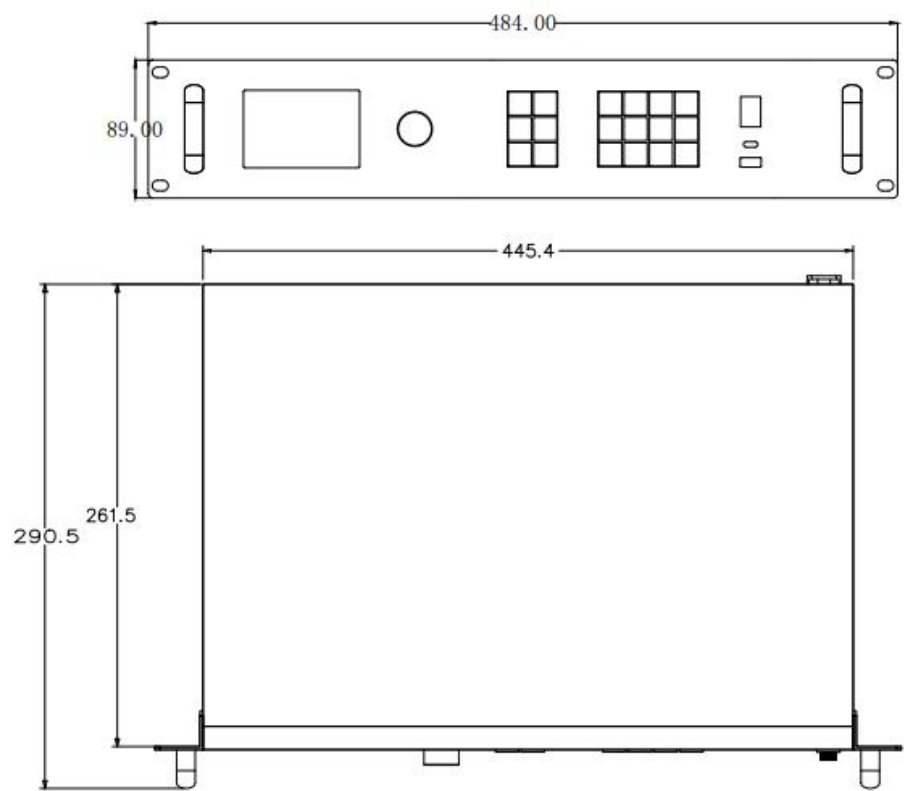
| No | Interface    | Function  |
|----|--------------|---|
| 1  | LCD monitor  | For displaying menu and current status                        |
| 2  | Control knob | Rotate to select and press down to confirm                    |
| 3  | Menu         | Press down to enter menu                                      |
| 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   | 20 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    |

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