

LED Control System

MPC20

INTRODUCTION

MPC20 is a controller with powerful video signal reception capabilities. With DP1.2 and HDMI2.0 input, it supports seamless switching between signal sources. The input resolution is up to 4096x2160@60Hz, and \$20 allows users to configure an ultra-long, ultra-tall, and ultra-large screen. In addition, MPC20 supports 20 Ethernet outputs, as well as Ethernet port redundancy and controller redundancy. Not only can it effectively ensure the stability of screen display, but it can also provide high-quality image display and flexible screen control.



FEATURES

- Input connectors: 1xDP 1.2, 1xHDMI 2.0
- Seamless signal switching between sources
- Input resolution: up to 4096x2160@60Hz, supports custom settings
- Output interface: 20 network ports, supporting network port redundancy or controller redundancy
- Supports USB port cascade control and RS232 communication protocol
- Independent audio input and output
- Support 3D display (optional)
- Grayscale is better at low brightness
- Compatible with a full range of receiving cards, multi-function cards, and fiber optic converters

MPC20

RELEVANT FUNCTION INDICATION



Seamlessly Switching between Dual-4K Inputs

HDMI2.0 and DP1.2 inputs, each with maximum resolution 4096×2160@60Hz



20× Ethernet Ports, Flexible Wiring

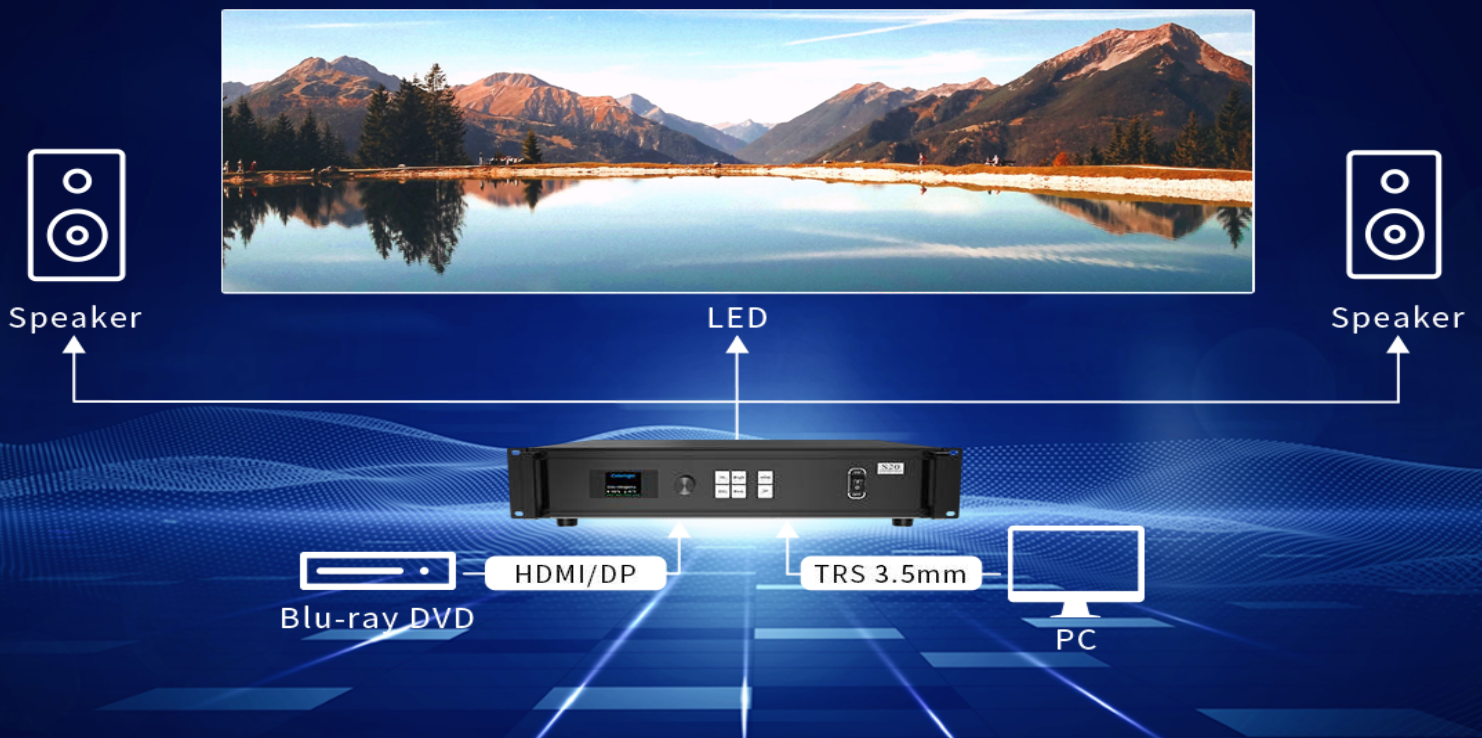
4K load capacity, display pixel-to-pixel

Up to 8.85 million pixels load capacity, Up to 8192 pixels in width and height



Independent Audio Ports

Equipped with Hi-Fi audio engine, it extracts the audio from the HDMI/DP signal and output it to speaker through the device audio port.



SPECIFICATIONS

Model	MPC20
Input	1xDP 1.2,1xHDMI 2.0
Input Resolution	4096x2160@60HZ
Output	20x1G Ethernet/4x10G Optical Fiber (2 main 2 backup)
Loading Capacity	8.85 million pixels
Flexible Output	Up to 8192 pixels in width, Up to 8192 pixels in height
Brightness Adjustment	√
Serial port control	√
USB Control	√
Cascading	√
Audio	√
Loop Backup	√
Certification	C E FCICCCCRoHS