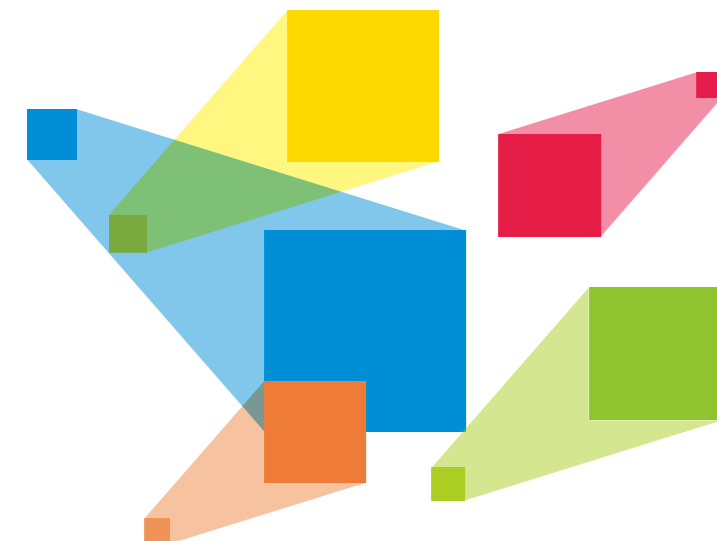


HDR Master 4K

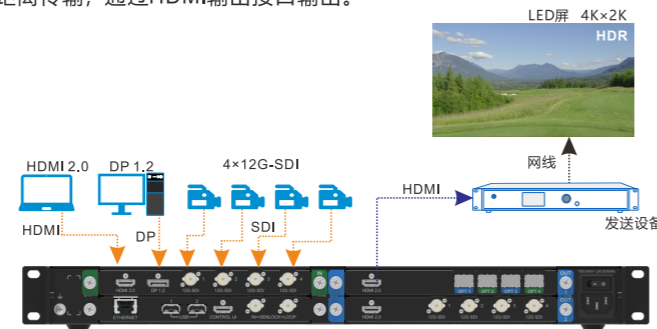
视频处理器



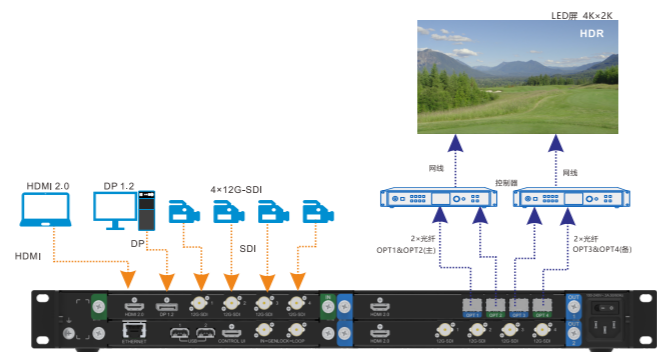
设备连接

HDR Master 4K支持以下三种连接方式。

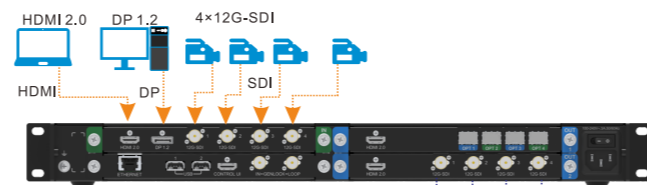
- 近距离传输，通过HDMI输出接口输出。



- 光纤接口远程连接，通过HDR Master 4K光口输出。



- 拼接输出，通过SDI输出接口拼接输出



说明

当SDI信号为3G-SDI格式时，支持SDI拼接输入和SDI拼接输出。

设备开关机

- 连接电源，将设备后面板上电源开关键拨动到“ON”，设备自动开机。
- 关机时，将电源开关键拨动到“OFF”设备将自动关机。



HDR演示输出

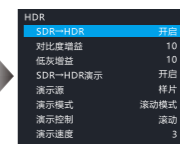
HDR Master 4K可通过单画面滚动对比和双画面左右对比来演示SDR源转HDR输出效果。

1. 在主界面，按下旋钮进入主菜单界面，再次按下旋钮进入“HDR”设置界面。
2. 将“SDR→HDR”设置为“开启”。
3. 将“SDR→HDR演示”设置为“开启”，开启HDR演示输出。
4. 在“演示源”中选择SDR→HDR转换的演示源。
5. 设置“演示模式”在连接的大屏中查看输出画面效果。

- 滚动模式：输出单画面滚动，查看转换前后的对比效果。
- 对比模式：输出转换画面对比，可调整画面大小和位置进行画面效果对比。

说明

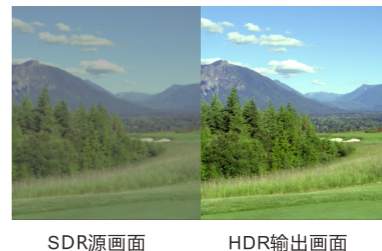
调整“对比度增益”和“灰度增益”可提升输出画面质量。



滚动模式效果



对比模式效果



输出配置

1. 在“图层 > 图层状态”中，将图层状态设置为“开启”。
2. 在“图层 > 输入源”中，设置需要播放的输入源。
3. 按下前面板“HDR”功能快捷键，开启SDR转HDR功能。
4. 在“输出设置”中，设置输出参数。
5. 根据连接后端设备的接口，设置“输出接口”。

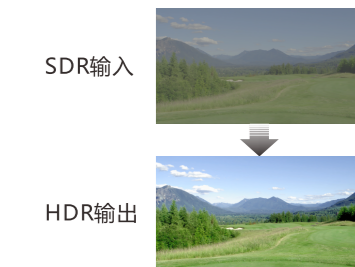


- SDR转HDR输出

1. 在“输出设置”中根据输出视频格式要求将“动态范围”设置为“HDR10”或“HLG”。
2. 将输出的“位深”设置为“10bit”或“12bit”。

- 画质增强

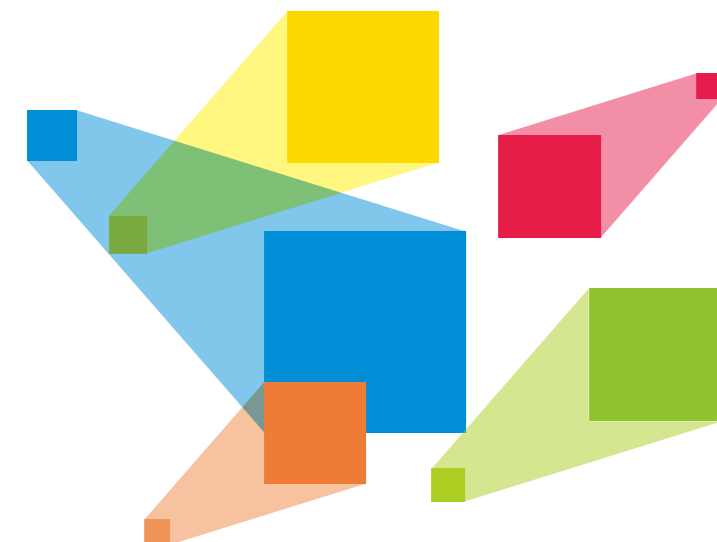
将输出的“位深”设置为“8bit”。



说明

- 当SDR源转换为HDR输出时，后端设备必须开启HDR功能。
- HDR输出时，后端设备带载能力减半。
- 在“HDR”界面调整“对比度增益”和“灰度增益”可提升输出画面质量。

HDR Master 4K Video Processor

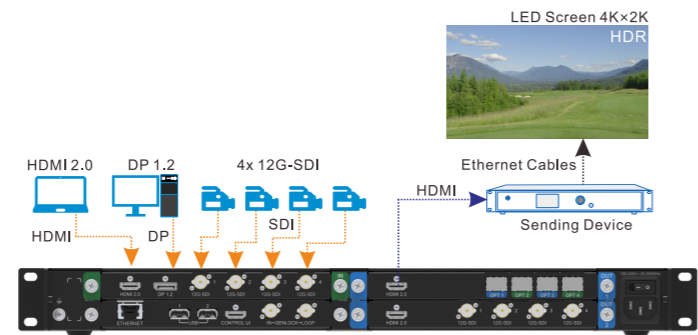


Quick Start Guide

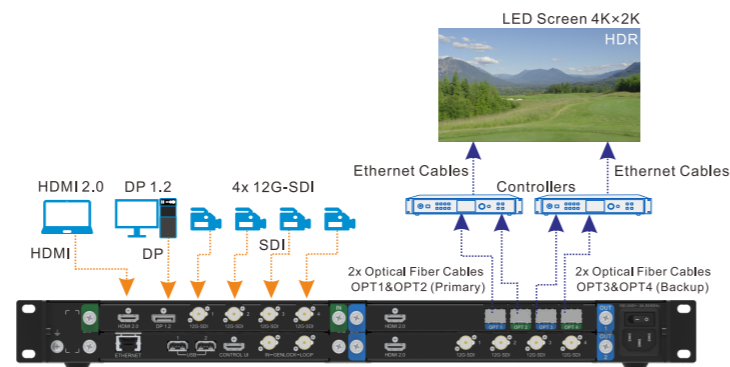
Device Connection

The HDR Master 4K supports the following three connection methods.

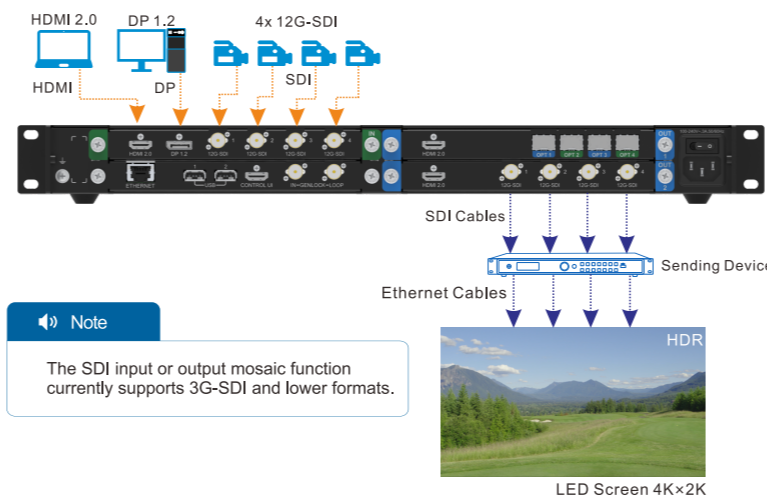
- HDMI Connection - Short Distance Transmission



- OPT Connection - Long Distance Transmission



- SDI Connection - SDI Input/Output Mosaic



Note
The SDI input or output mosaic function currently supports 3G-SDI and lower formats.

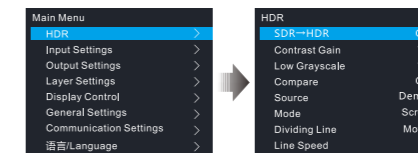
Power On/Off

Press the rocker switch on the device rear panel to power on or power off the device.

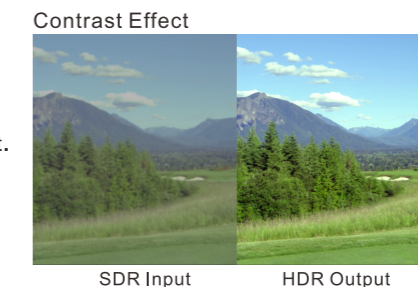
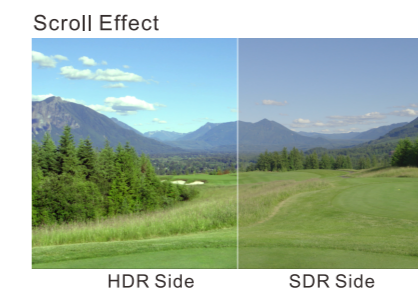


HDR Effect Settings

The HDR Master 4K can clearly show you the comparison between the SDR input and HDR output. Follow the below procedure to view the contrast effect as you like.



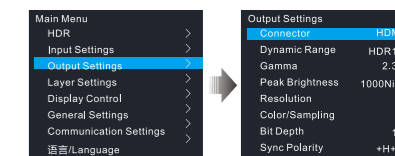
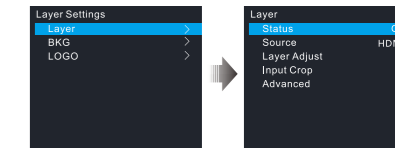
- On the home screen, press the knob to enter the main menu screen, and press the knob again to enter the HDR settings screen.
- Turn on **SDR→HDR**.
- Turn on **Compare**.
- Select the desired source to show the converting effect.
- Select the desired display mode to show the converting effect.



Note
Adjust **Contrast Gain** and **Low Grayscale** to improve the output image quality.

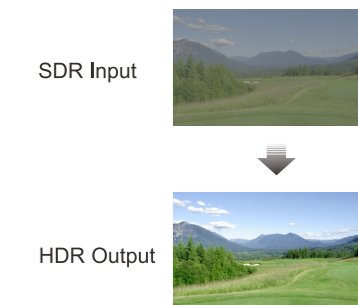
Output Settings

- On the **Layer** screen, set the layer status to **On**.
- Select the desired input source.
- Press the **HDR** button on the device front panel to enable the SDR to HDR converting function.
- On the **Output Settings** screen, set the output related parameters.
- Select the output connector according to the connected device.



- SDR→HDR Output**

- Set **Dynamic Range** to "**HDR10**" or "**HLG**" according to the target output format.
- Set **Bit Depth** to "**10bit**" or "**12bit**".



- Image Enhancement**

Set **Bit Depth** to "**8bit**".

Notes

- Before you enable the SDR to HDR converting function, make sure you have enabled the HDR function of the connected device.
- After you enable the SDR to HDR converting function, the loading capacity of the connected device will be reduced by half.
- On the HDR settings screen, adjust **Contrast Gain** and **Low Grayscale** to improve the output image quality.