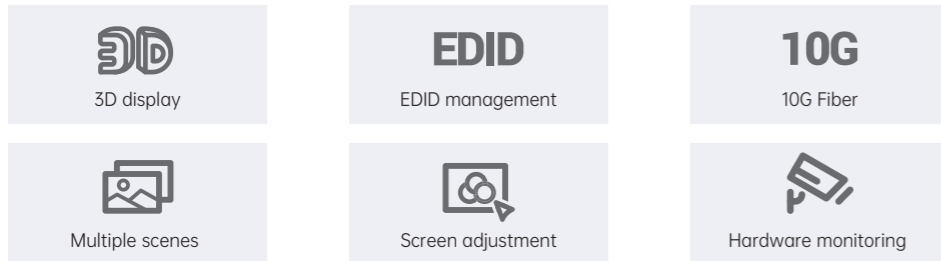


More features



Specifications

		4U	7U	11U	20U
Max input cards		4	8	16	36
Max output cards		4	8	18	36
Preview cards		1 (optional)	1 (optional)	1 (optional)	1 (optional)
Network ports	Quantity	40	80	180	360
	Load capacity	26 million pixels	52 million pixels	117 million pixels	234 million pixels
Fiber ports	Quantity	8	16	36	72
	Load capacity	26 million pixels	52 million pixels	117 million pixels	234 million pixels
Video output	Quantity	16	32	72	144
	Load capacity	16× 1080P	32× 1080P	72× 1080P	144× 1080P
Max width or height		16384 pixels	32767 pixels	32767 pixels	32767 pixels
Features	Basemap and subtitles	✓	✓	✓	✓
	Preview and Monitoring	✓	✓	✓	✓
	HDR	✓	✓	✓	✓
	3D(optional)	✓	✓	✓	✓
	Backup power supply(optional)	✓	✓	✓	✓
	Control	TCP/IP, RS232	TCP/IP, RS232	TCP/IP, RS232	TCP/IP, RS232

X100 Pro

Video Splicer

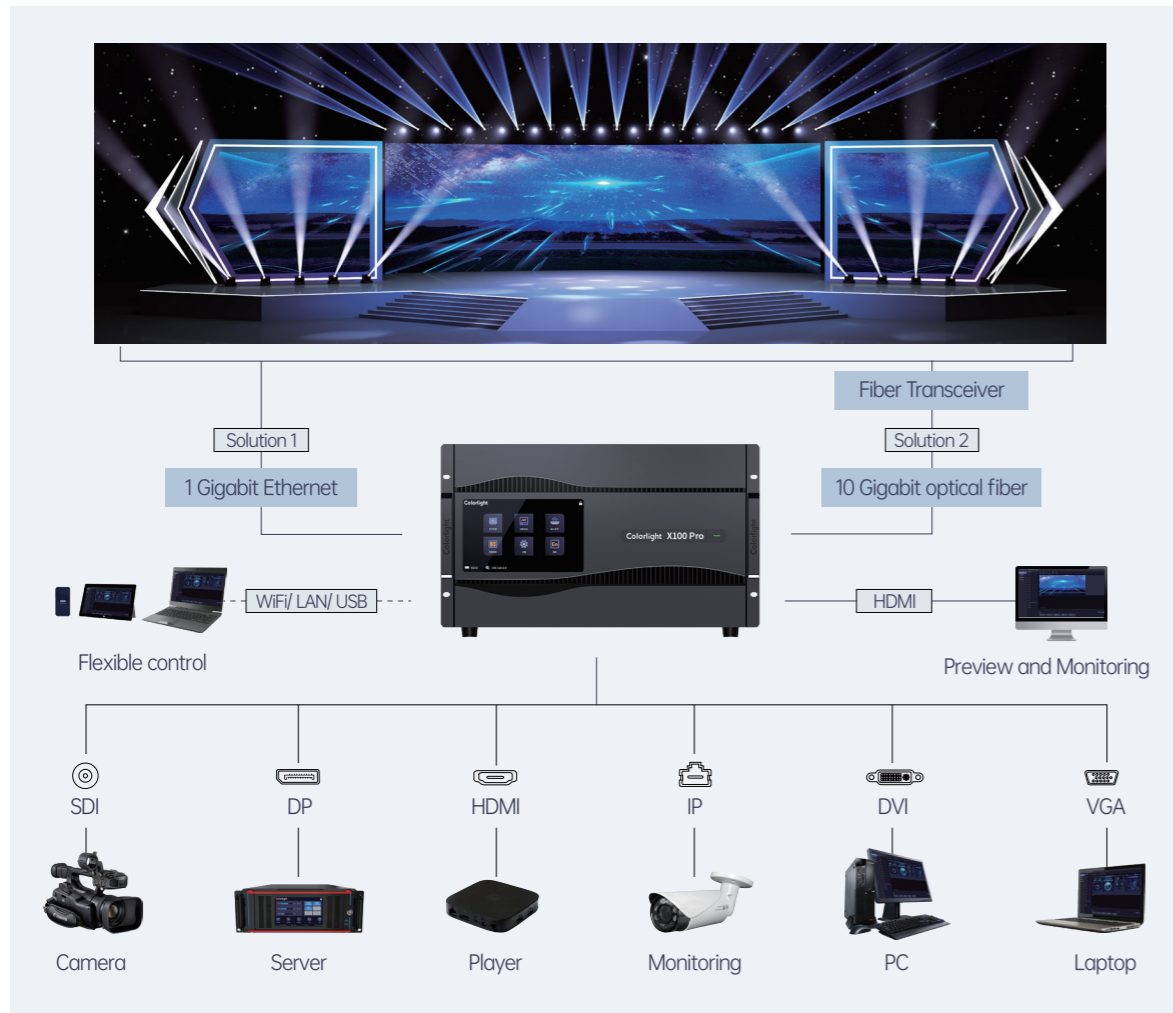


X100 Pro Series



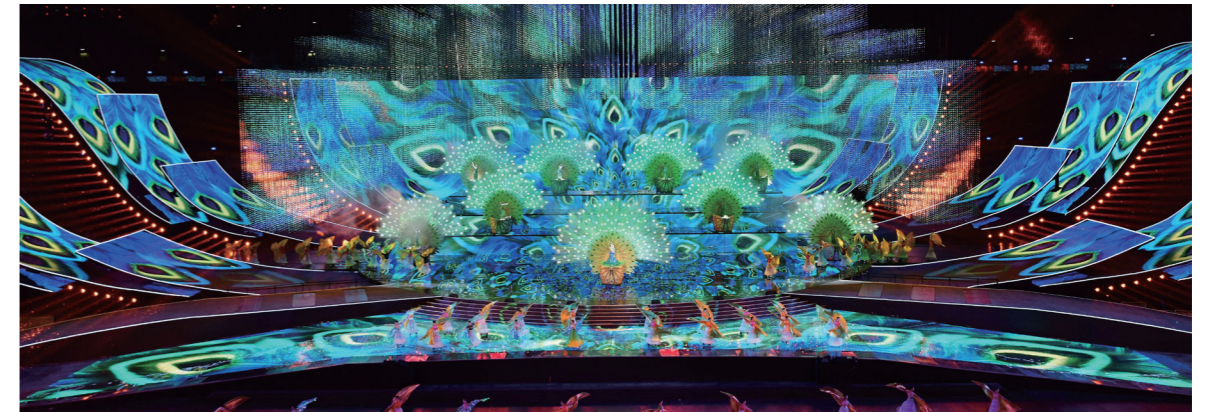
The X100 Pro is a new professional device with a modular design for large video walls. It integrates video processing functions such as cropping, scaling, splicing and multiviewer display, and can be used as a professional LED controller for high-resolution fine pitch video walls, and as a video processor for LCD and DLP video walls.

System Diagram

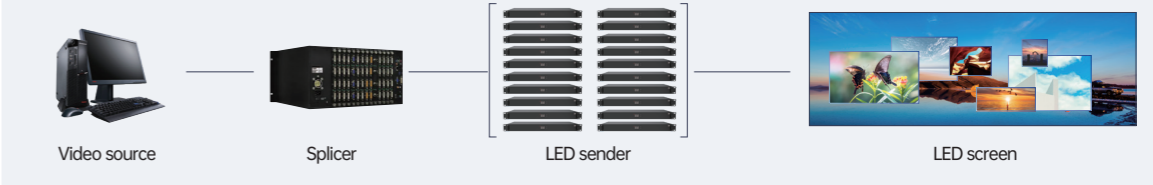


Application Scenarios

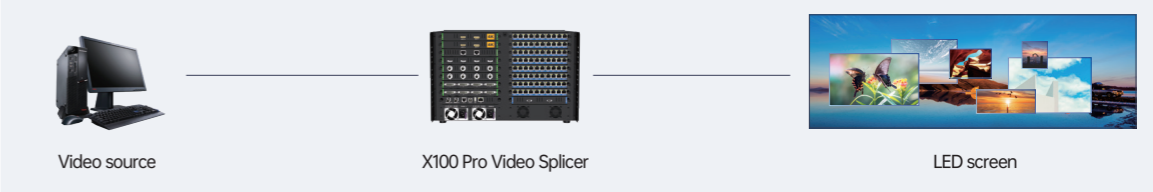
As an all-in-one device integrating video splicing, it supports the input and processing of video signals from a variety of interfaces, can be widely used in various scenarios such as control and broadcast centers, house of worship, live events, visual data centers, indoor expos and sport stadium, radio and television centers, etc.



Traditional "Splicing+Sending"



New X100 Pro solution



Window roaming Unlimited combination

Multi-type signal sources can be layered, roamed, scaled, and superimposed freely on large splicing screens, while the output layers can be set across cards and interfaces.



Strict sync Perfect display

Using nanosecond-level frame synchronization and Genlock technology, it strictly ensures that each module in the large splicing screen is fully synchronized, effectively avoiding the problem of picture tearing caused by compatibility between devices, and showing a perfect picture.



UHD processing Brilliant display

It adopts the industry-leading high frame rate uncompressed processing algorithm to accurately restore the color of the video while ensuring the smoothness of the high-speed moving picture. With frame rate multiplication technology, it is easy to present 60/100/120Hz high frame rate image.

Traditional 4K@30Hz

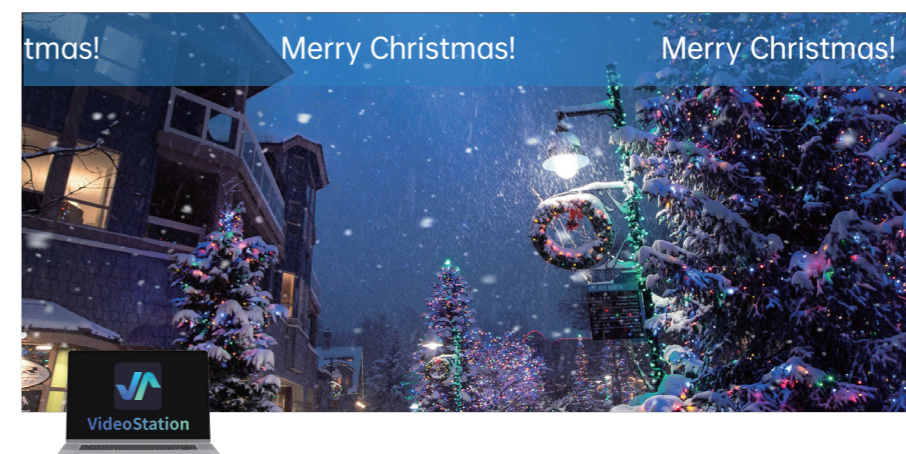


X100 Pro enables 4K@60Hz



Background and Subtitle Flexible layout

High-resolution background, up to 32,767 pixels in width and height, combined with dynamic subtitle, makes information display richer and maintenance more convenient.



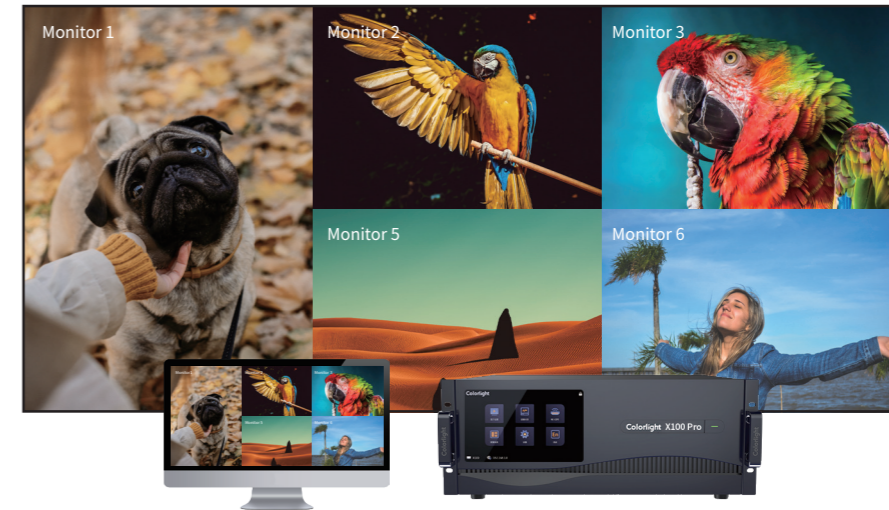
Multiple platform Flexible control

Multi-user and Web based, eliminates software installation, compatible with Windows, Android, iOS, Linux and other platforms.



Preview and Monitoring Real-time control

With the preview and monitoring card, it can realize multi-channel input preview, and multi-screen output monitoring in high frame rate and elegant images, helping users monitoring the status of input and output signal in real time.



HDR

With the HDR engine, X100 Pro presents images with higher contrast, richer colors, and more detailed picture quality, revealing a natural and realistic world.



SDR Lose dark details

HDR Completely display dark details

Stable hardware Multiple backup

Multiple measures ensuring a very long-time stability, such as modular architecture, input and output hot pluggable, input signal backup, output redundancy and module power backup.

