

# Connecting and Extending

## NAB SHOW 2023 Exhibit information



ASTRODESIGN will be exhibiting at "NAB SHOW 2023" in Las Vegas, USA from April 16th to 19th, 2023.

With the commoditization of devices and the development of transmission technology, our communication has evolved to the point where we can immediately receive the information we want to know and transmit what we want to tell anytime and anywhere.

This year's theme is "**Connecting and Extending**," and we will promote new video expression and innovative video applications through technological development and collaboration with other companies' systems.

We look forward to seeing you at ASTRODESIGN's booth.

**Venue** Las Vegas Convention Center, USA **Central Hall C2430**

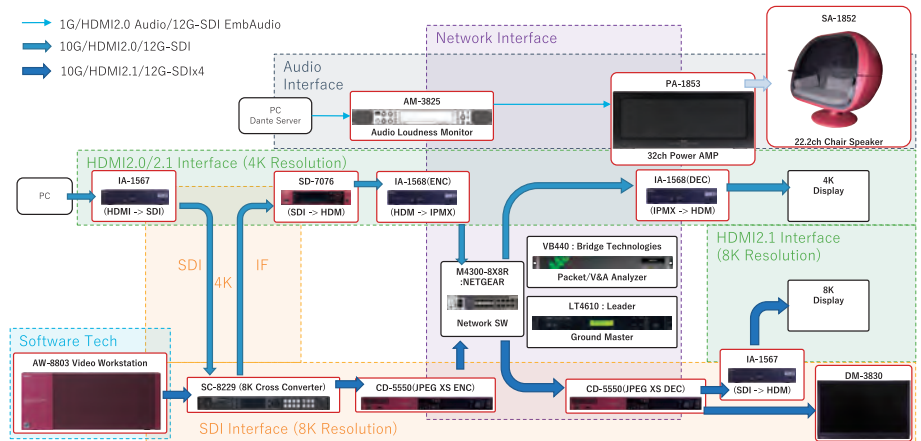
**Period** April 16th to 19th, 2023



# Main highlights

## "Connecting"

Interoperability, integrated system management, and cost reduction can be achieved by converting video equipment to IP. 8K video is no exception, and we provide products and services that can be handled universally.



## JPEG XS IP Gateway



JPEG XS IP Gateway reduces line load and transmits high-definition video up to 8K resolutions to remote locations.

## IPMX Converter



In addition to broadcast equipment, professional AV equipment is making its way in IP utilization. IPMX supports up to 4K resolution.

## 8K Resolution Compatible Cross Converter

In addition to 2K, 4K, and 8K resolution and interface conversion, this cross converter supports color gamut and dynamic range conversion. It connects video in different formats with this one unit.

		INPUT				SC-8229		OUTPUT				
VIDEO	8K	12G	Type 1	2SI	Format Conversion	4K-2SI	SQD	2SI	Type 1	12G	YOCo 4:2:2	8K
		6G	Level A	SQD					Level A	6G		
	4K	12G	Type 1	2SI	Dynamic Range Conversion	2SI	Type 1	12G	2SI	Type 1	12G	4K
		6G	Type 1	2SI					Level A	3G	YOCo 4:2:2	
HD	YOCo 4:2:2	3G	Level A	SQD	Color Gamut Conversion	SQD	2SI	Level A	3G	YOCo 4:2:2	HD	
		3G	Level B	SQD					Level B	3G		
		3G	Level A	1.5G		Single	Level A	Level B	1.5G			
AUDIO	8K	Free Mapping				Ch.1 ~ Ch.32				8K		
	4K	5.1ch Down MIX Mapping Stereo Down MIX Mapping				Ch.1 ~ Ch.16				4K		

## "Extending"

To satisfy people's desires and expectations, the resolution, frame rate, and other factors are expanded to enhance visual expression.

### 4K240P camera system



Increasing the frame rate reproduces more authentic and natural images. Promotes not only filming but also real-time display.

### 8Kx8K camera system



Capture high-resolution and square footage without being limited by the 16:9 aspect ratio. Maximizes the performance of fisheye lenses for dome images and VR applications.