

ASTRODESIGN MONTHLY NEWSLETTER

March 2025

Vol.6

NABSHOW[®]
Where Content Comes to Life

April 6-9, 2025 Las Vegas

The Technology. The Trends. The Future.



ASTRODESIGN Booth #SL11716

The countdown to NAB 2025 has begun! In only a few short weeks, the crowds will descend on the Las Vegas Convention Center to visit booths filled with the newest and most innovative products of the year.

To whet your appetite, we'd like to give you a detailed overview of all the products we are displaying at our booth.

Please feel free to use our Guest Pass Code: NS4953 for you or your customers to join the show for free. Also, if you or one of your customers would like to request a meeting with us, please use the QR code to the right to send us a message! We can't wait to see you there!

**Meeting
Request**



ASTRODESIGN's NAB2025

Astrodesign has created several unique and appealing solutions for the "Sports Entertainment" market. This year's booth has products that will offer the latest and most diverse solutions for those involved in the sports production and entertainment business.

Sports Entertainment

Adding Impressive Value

Affordable & Innovative

4K 4K 8K 4K 4K

8K8K Immersive **8K/120p** **8K Cutout** **Large Display Solution** **SRT Solutions**

Corner	Exhibitions & Messages	Applications
8K8K Immersive	Value adding proposal for the sports production. Try VR goggles to experience an immersive feeling shot by 8K8K camera for live and offline footage.	VR HMD, Dome theater, Large LED Display, Planetarium
8K/120p	The benefits of wide area capture by an 8K camera and storing in real 8K resolution with an uncompressed video recorder. Camera currently in use at the NFL.	NFL, NBA, MLB, NHL, soccer, racing
8K Cutout	Capturing exciting scenes happening any place in the entire court or field. Please try a new approach for the sports production. One camera, four FHD outputs.	Indoor/Outdoor sports production, cheerleading, marching band, etc.
Large Display Solution	Super high-performance signal processing. Can handle large display layout control (Composite/Divided) in real time, and worth 4 times more than similar products.	College sports stadiums, arenas, racetracks, venue signage, eSports
SRT Solutions	"Change your camera/camcorder to an IP-connected camera". An affordable proposal for you to easily try and enter remote production with your current setup.	Remote production, sports live, POV camera at venues

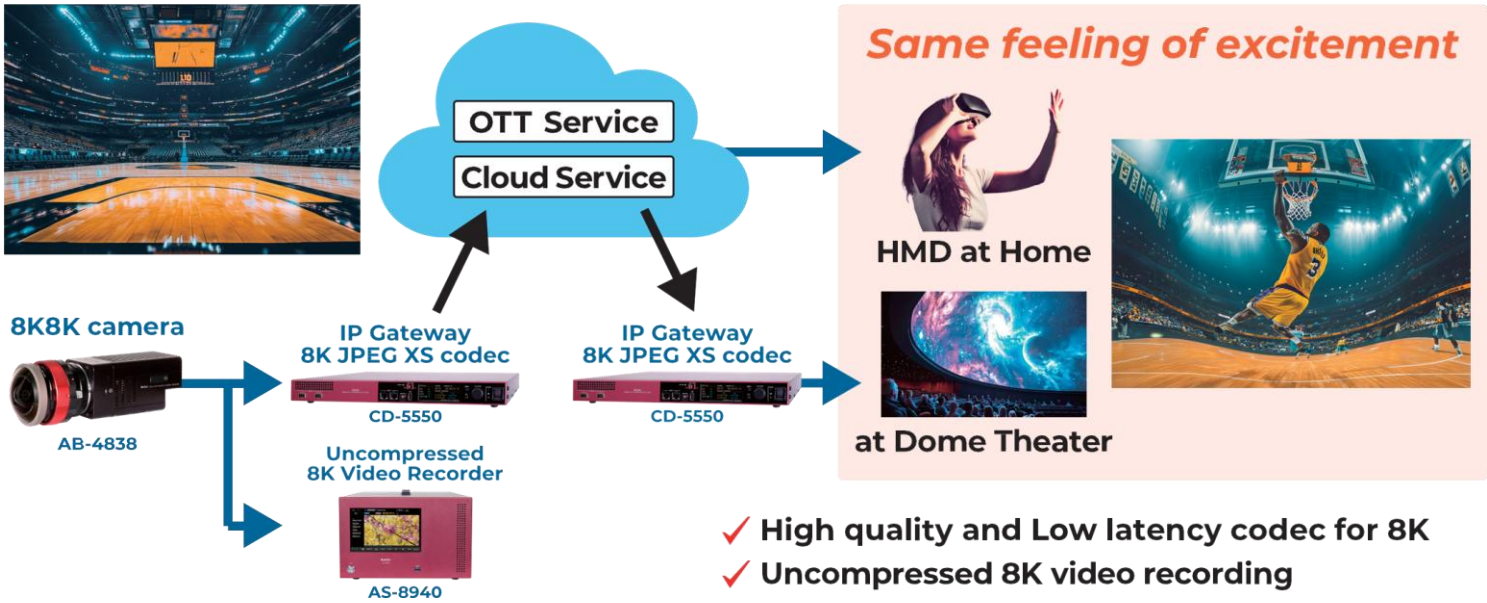


Adding Impressive Value

AB-4838



Super-Resolution Immersive Entertainment



Capturing Unseen Video Expression

AB-4838 : 8K8K Camera Head (CHU)
AC-4837 : 8K8K Camera Control Unit (CCU)

- ✓ 8192 x 8192 pixels image sensor
- ✓ Light weight (600mg) for good mobility with gimbal
- ✓ 100m fiber cable extension from CHU to CCU
- ✓ 8K8K 60p / 8K4K 120p / 8K2K 240p
- ✓ Suitable for VR applications and Dome Theaters



AB-4838 with fisheye lens on gimbal



Recording in Uncompressed Video

AS-8940 : 8K/4K Uncompressed Media Server

- ✓ Uncompressed video recording/playback (DPX, TIFF)
- ✓ Capturing important events/sports with real 8K resolution
- ✓ Synchro operation of up to 16 units
- ✓ Super high-speed file transfer (USB 3.2 Gen2x2)



Distributing with the Best Quality

CD-5550 : JPEG XS IP Gateway

- ✓ Supports 8K60p, 4K120p
- ✓ Suitable for live viewing and remote production (ST2110)

CD-5550





Adding Impressive Value

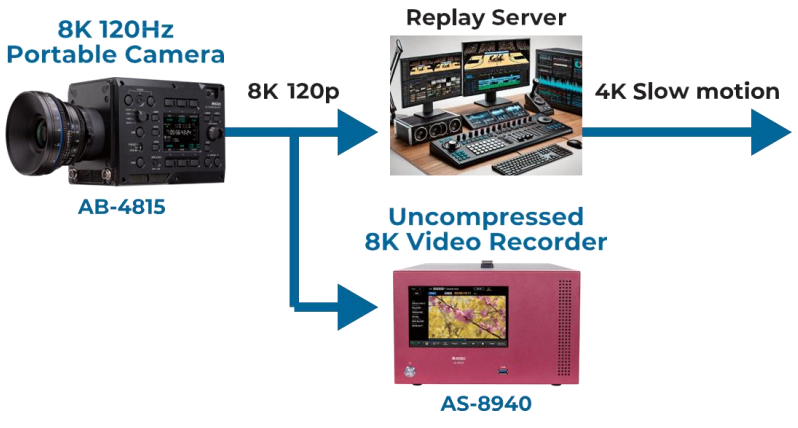
AB-4815



Compelling Live Sports Workflow with 8K/120p



- ✓ Film wide and precise shots with 8K/120p camera
- ✓ Dynamic slow motion with 8K/120p camera



Clear Slow-motion 4K/HD Video Cut Out from Precise 8K Images

8K/120p Camera installed in **LEVI'S Stadium**



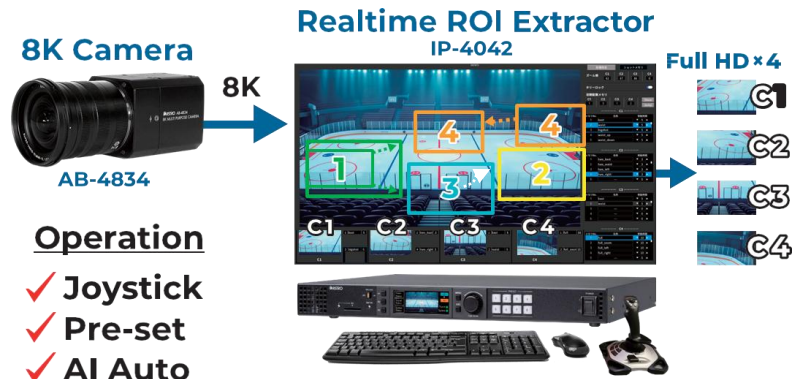
AB-4815 : 8K/120p Camera



- ✓ Capturing exciting plays anywhere in the field
- ✓ When preparing a replay, the operator decides what section of the screen to select. The resulting cutout is much clearer when taken from 8K video as opposed to 4k.

Adding Impressive Value

Don't Miss a Thing! Capture with 8K, Cutout in Real-Time



New Production Style Using 8K Cutouts

IP-4042 : Realtime ROI Extractor

- ✓ Cut out 4x FHD from 8K video
- ✓ Able to control 4 camera frames independently
- ✓ Joystick (Controller) for free tracking and zooming
- ✓ Pre-set/Recall of the movement between 2 points
- ✓ AI auto tracking (with software options)
- ✓ New operation to capture any scenes on the court
- ✓ Keeps number of cameras and the operators low

Compact 8K Camera (L-mount)

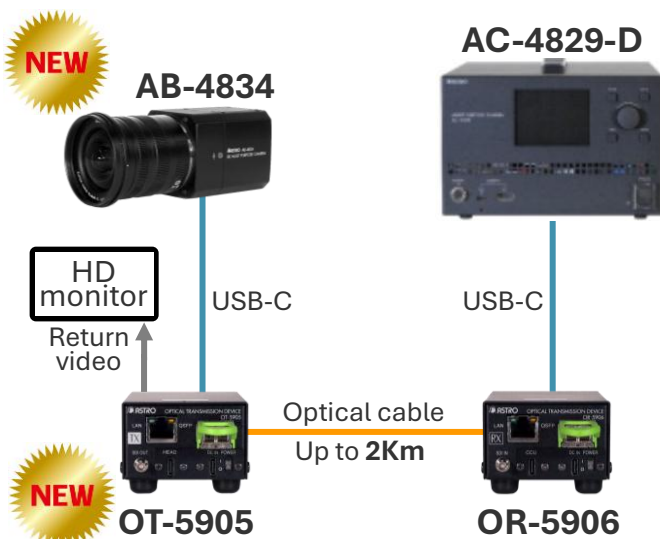
AB-4834 : 8K Multi-purpose Camera AC-4829-D : 8K Camera Control Unit

- ✓ 33 mil pixels image sensor (Global Shutter)
- ✓ Small size (68mmx68mm)
- ✓ L-Mount

Long Cable Extension for AB-4830/4834

OT-5905 : 8K Optical Transmitter (Tx) OR-5906 : 8K Optical Transmitter (Rx)

- ✓ Long distance extension by optical cable (2Km)
- ✓ Return video to allow easy camera setting





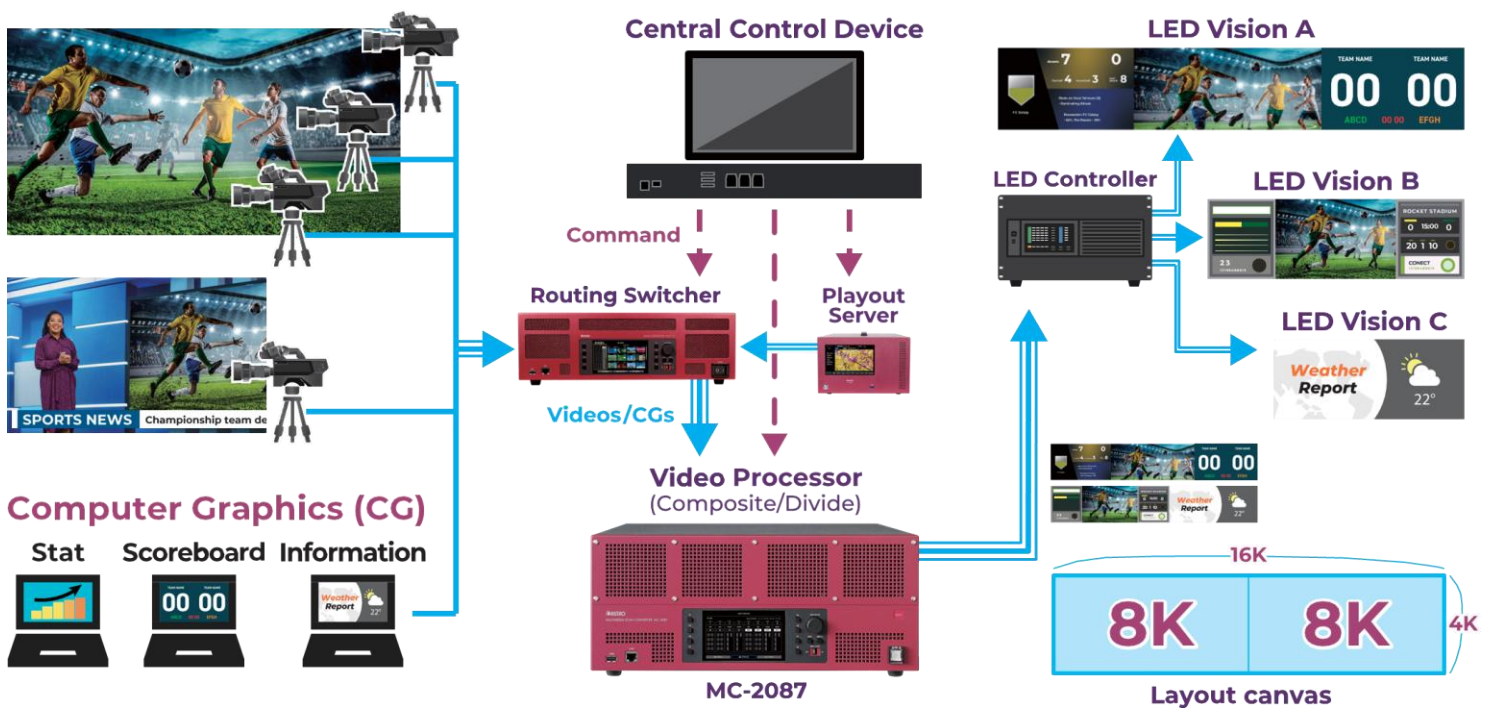
MC-2087



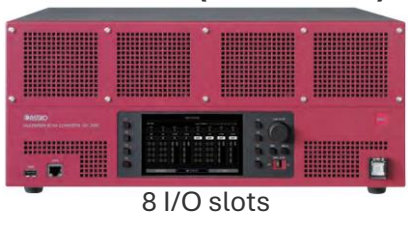
Affordable & Innovative

Hardware based "Ultra Pixel Video Processor"

- ✓ 16Kx4K huge layout canvas (Dot-by-Dot)
- ✓ Real-time video processing (2 frames)
- ✓ 4K/HD 64 I/O in one box
- ✓ Saving in Cost/Space/Power

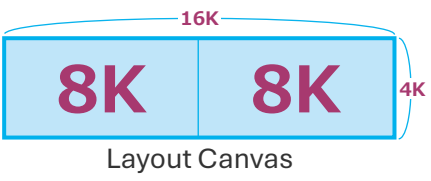


MC-2087 (8K/4K/HD)



8 I/O slots

- SDI (1.5/3/6/12G)
 - HDMI (1.4/2.0/2.1)
 - DisplayPort 1.4 *
 - IP *
- (*Future support)

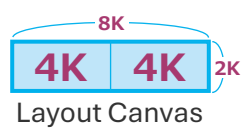


MC-2087 has a 4 times bigger canvas compared to other devices with 4K canvases. Saving in cost, space and power consumption.

MC-2086 (4K/HD/SD)



16 I/O slots



- SDI (3G/HD/SD)
- HDMI 2.0a (4K)
- DisplayPort 1.2
- VGA (Component)
- Composite
- DVI-Single Link

MC-2085 (4K/HD/SD)



6 I/O slots

Processing Heavy Video Data in Real-time

Media Scan Converter for Large Display

- ✓ Super high-performance video processor (Composing/Dividing) for large displays
- ✓ Hardware based design for ultra-fast processing, stability, robustness
- ✓ Handles heavy video data (16Kx4K) with precision (dot-by-dot) and low latency (2frames).
- ✓ Over 500 units in the MC series installed in stadiums, arenas and public signs around Japan



Affordable & Innovative

TR-5004



Simple gateway to Remote Production (SRT)

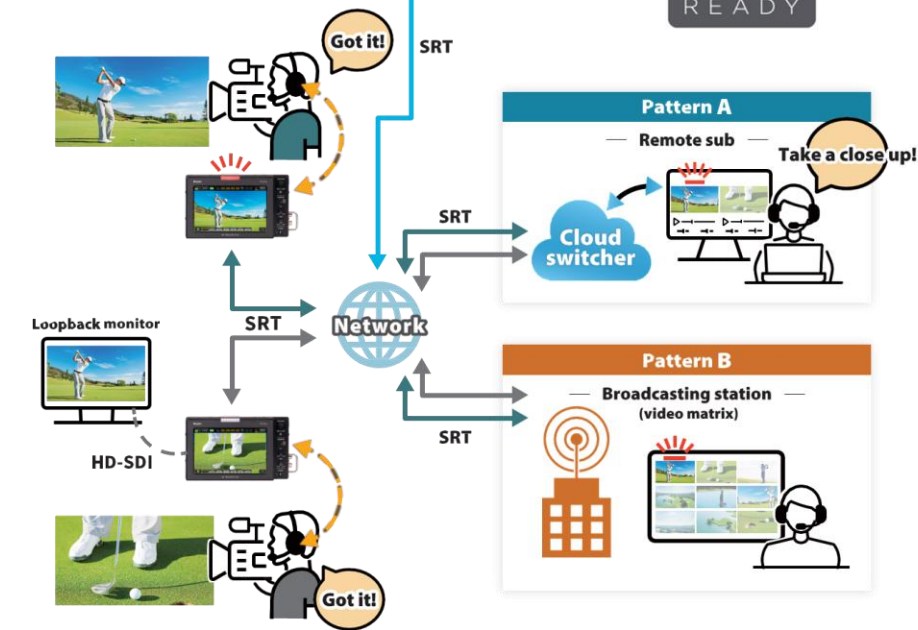
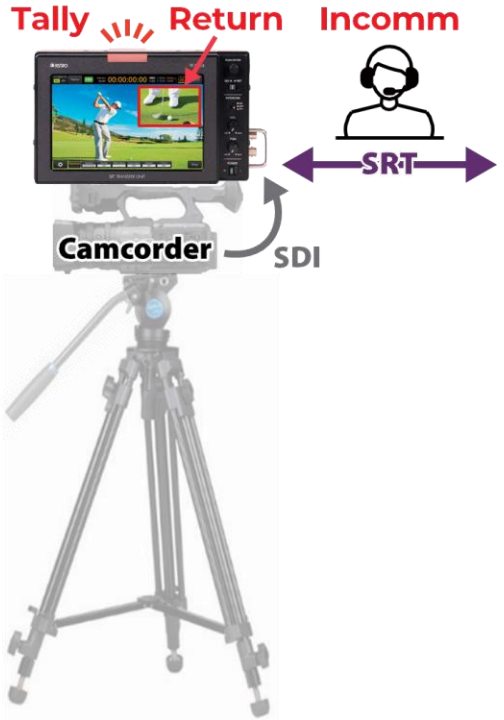
4K POV Camera (SRT) : AB-4404

- ✓ Clear HD zoom with a B4 lens
- ✓ Remote viewing and control



Portable SRT Transmitter : TR-5004

- ✓ Change your SDI camera/camcorder to an "IP-connected camera"



- ✓ High quality, low latency, high security, low-cost IP transmission protocol
- ✓ Perfect for live streaming and remote production over public internet
- ✓ Cost/time saving, easy set-up and high-quality real-time operation

R&D



Clear & High Magnification Zoom with SRT

AB-4404 : 4K/HD POV Camera (SRT transmission)

- ✓ Clear HD video created from 4K imager and transmitted through SRT.
- ✓ High magnification zoom with B4 lens control and scaling.
- ✓ Remote control of Zoom/Pan*/Tilt* thru IP. (*Robotic housing required)

Simple Gateway Between Baseband and IP

TR-5004 : Portable SRT Transmitter (SRT Enc/Dec)

- ✓ Easily convert HD-SDI to IP for IP live/remote production.
- ✓ Supports CAMERA Feed, RETURN, INTERCOM, TALLY
- ✓ Unique design with 7" display. Can be used as a second viewfinder
- ✓ No need of additional monitor to show IP received video.
- ✓ Video format : 1920x1080, Codec : H.264/H.265

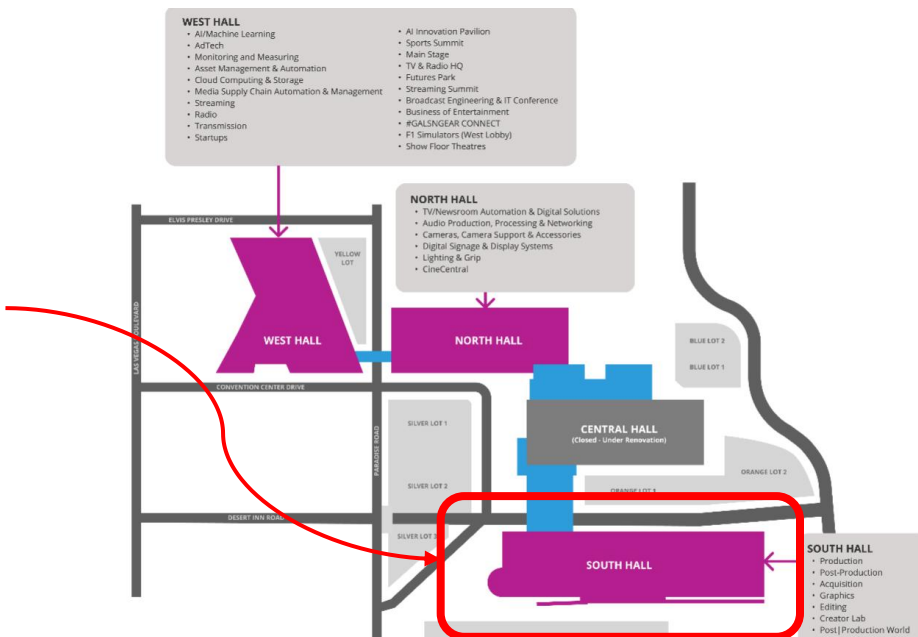




Booth Details

Astrodesign will be in the South Hall this year!

Though it may be a bit of a walk, we hope you come to visit us!



Booth Number SL11716

