

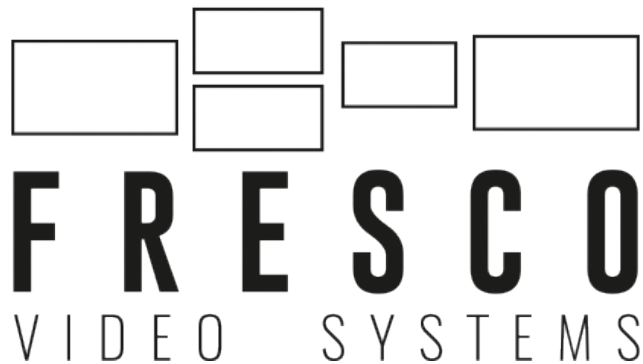
AVProedge

FRESCO
VIDEO SYSTEMS

Fresco CAP 9 (AC-FRESCO-CAP-9)

18Gbps 4K60 4:4:4 3x3 Video Wall Processor





Fresco CAP9 - 18Gbps 3x3 HDR Dolby-Vision Video Wall Processor

Built to handle full 4K60 (4:4:4) at 18Gbps with HDR and Dolby Vision, the AC-FRESCO-CAP-9 is a video wall processor with a complete control software that allows the user choose what type of video wall they want, using panels not designed with video wall capabilities. Plug-and-play for a 9-panel video wall, or configure for custom options.

- 18Gbps Bandwidth Support
- Free PC Control and Setup Software
- Dolby Vision / HDR Support
- Works with any HDMI Display
- USB, RS-232 or LAN control options

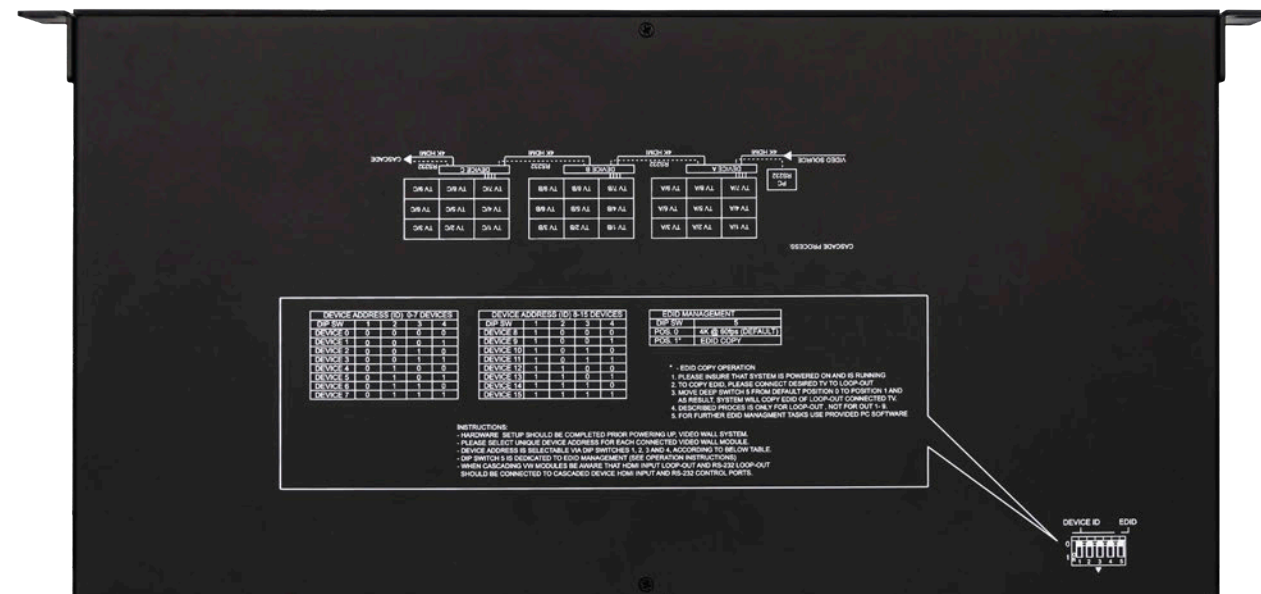


Fresco CAP9 Works with Any Source

Steps to setting up the Fresco 9

- **Connect** - Connect to the Fresco 9 via USB, RS-232 or LAN
- **Measure** - Enter panel measurements using Millimeters for extreme accuracy
- **Generate** - Click on “Generate Video Wall”

That's it! Your Video Wall is ready!



Perfect for any Video Wall

Video walls give sports bars, retail stores, entertainment venues, and hotels an opportunity to ‘WOW’ their customers with big, bold and bright messaging. With the Fresco 9 you can process 4K video throughout your video wall, delivering a dynamic effect no one will soon forget. We included robust scaling features inside this processor that allows you to not only input 18Gbps 4K60 signals but output them as well to each display KEEPING THE HDR METADATA! Directly out of the box you can connect a source and 9 displays for a plug-in-play video wall.

AVPro Edge’s head of Application Engineering John Tumbleson said it best:

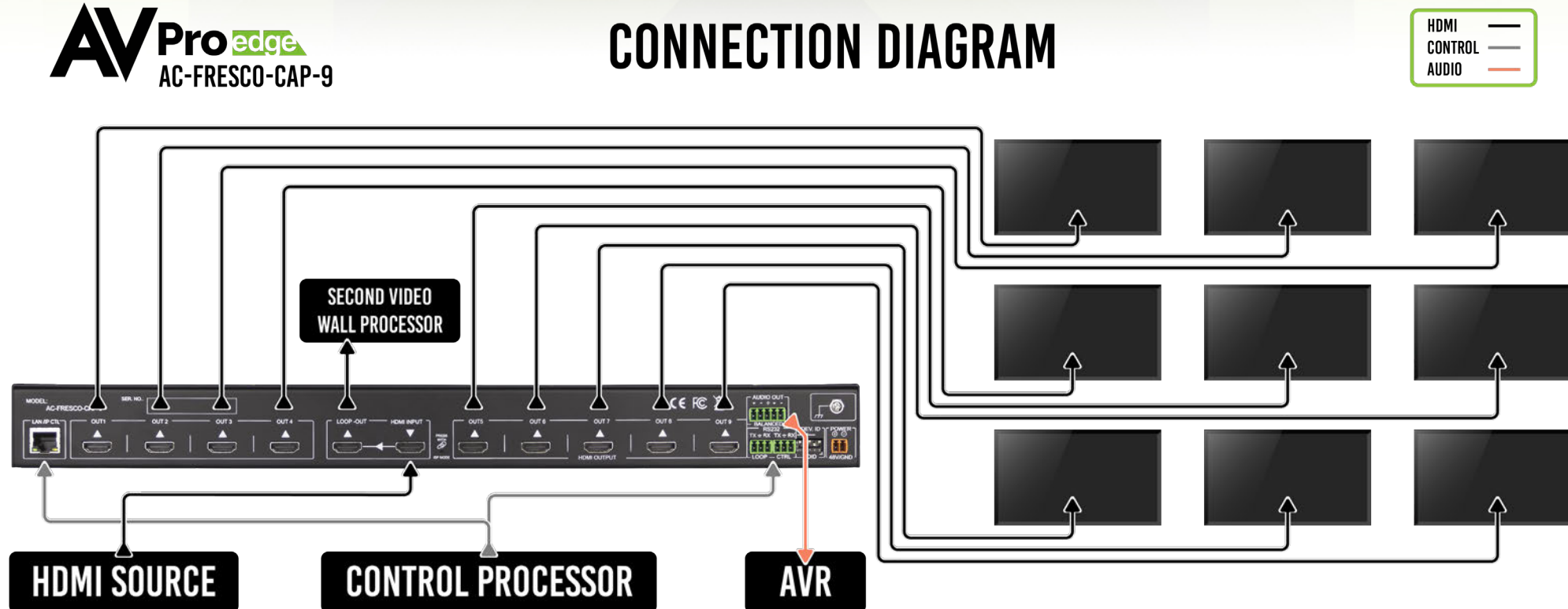


“The biggest challenge to setting up a Fresco Video Wall is hanging the physical panels!”

Perfect for any Video Wall

AVProedge
AC-FRESCO-CAP-9

CONNECTION DIAGRAM



Perfect for any Video Wall

Plug-and-Play – Without any setup at all, directly out of the box, you can connect a source and 9 displays, and you will have a video wall.

Built in Scaling – You control what you want the output to be. Because the Fresco 9 has a built in scaling you can set the output signal to whatever works best for your system. Output a 720 signal or output a 4K60 18Gbps signal or anything in-between, the choice is yours.

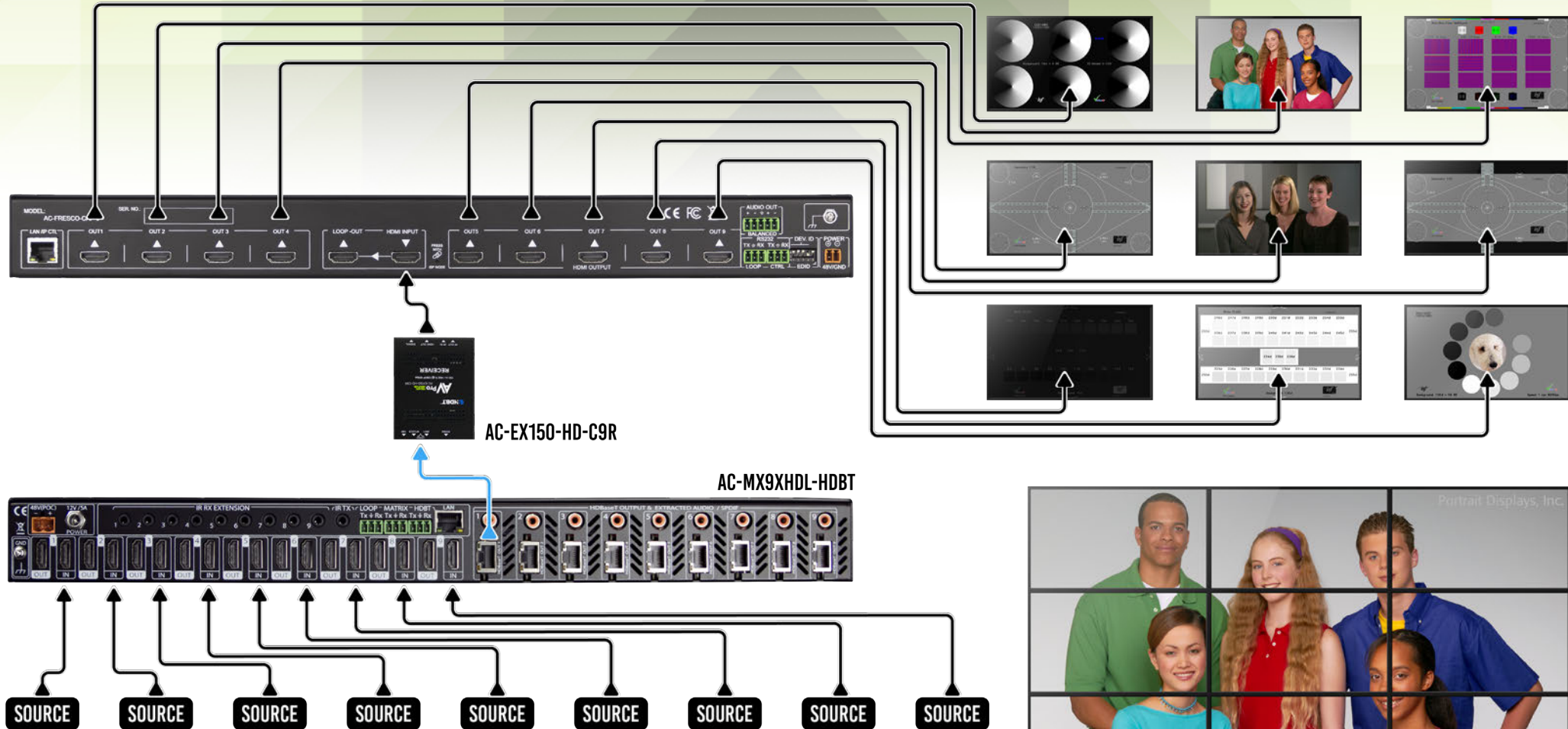
Audio De-Embedding - Our unique Audio De-Embedding provides a digital coax output with support for 6CH LPCM, Dolby Digital, DTS.

Highly Flexible Panel Configurations - Mix and match different size panels with different bezel measurements even from different brands, and also build a cohesive video wall experience.

Dolby Vision and HDR – AVPro Edge's engineers had to do a lot of hard work along side Dolby to process that special metadata, converting it to beautiful colors on your video wall. Go the extra step for your client giving them remarkable colors not found on other video walls.

CLOUD 9 CONNECTION DIAGRAM

HDMI —
HDBT —



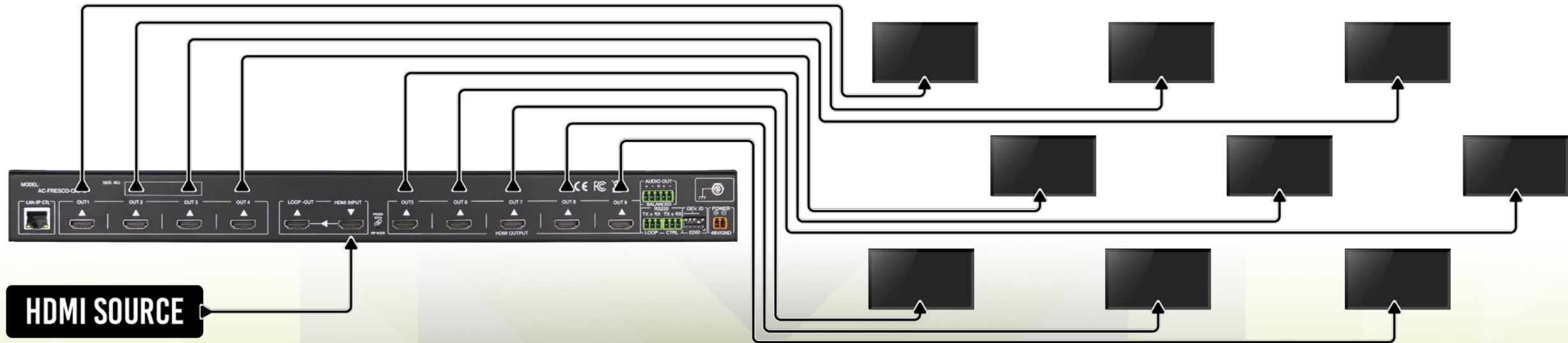
SWITCH BETWEEN ONE FULL SCREEN SOURCE OR ALL NINE INDIVIDUALLY ON A 3X3 VIDEO WALL

Add a Video Wall to any System

- When you combine the Fresco 9 Video Wall Processor and the AVPro Edge Cloud 9 or Video Flux, you can create a 3x3 video wall with each of the displays showing a different game. When the action gets hot with one of the games, instantly switch to show that one source over the entire video wall.
- With full network control and an in-depth API, you can use your favorite control system for switching and use the PC software that comes with the Fresco 9 to manage your video walls bezels.

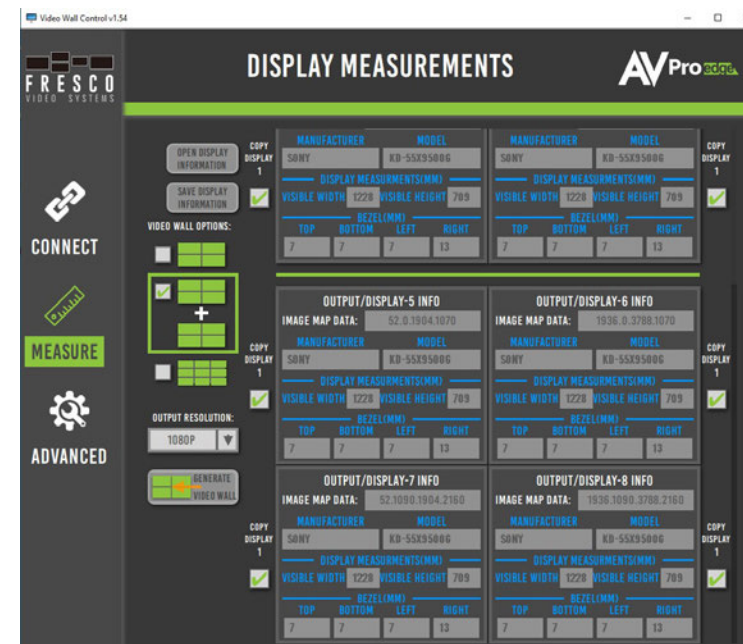
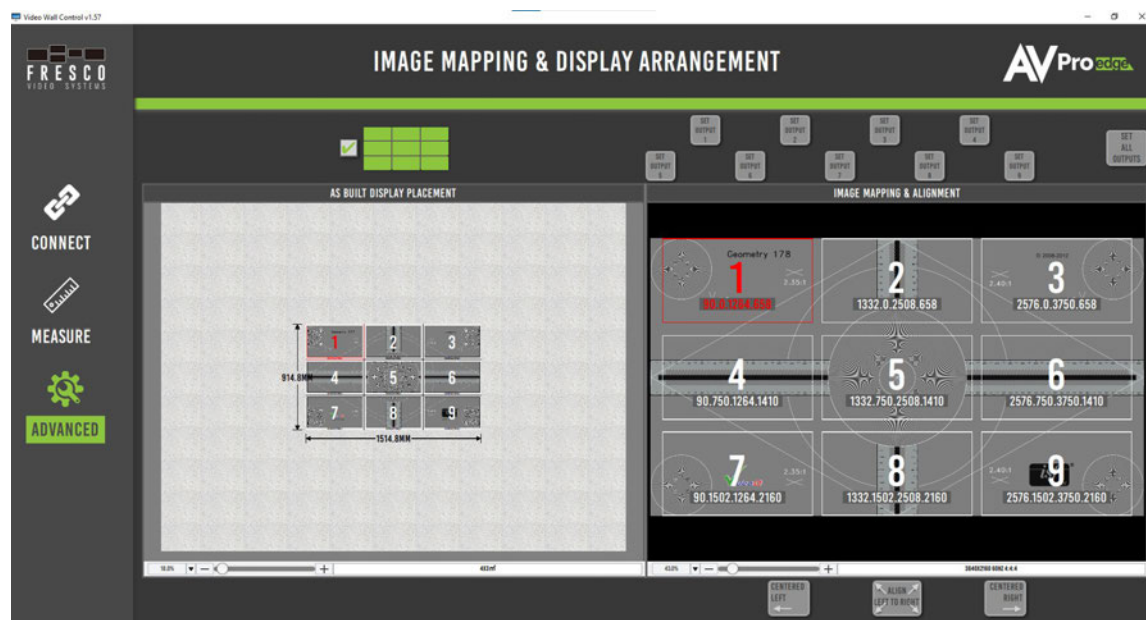
CUSTOM VIDEO WALL DIAGRAM

HDMI —



Control Software

Capture regions are very important in a video wall set up, when installing the Fresco 9 setting up your capture regions has never been easier. By installing the free software, and connecting the Fresco 9 to your PC, you can enter all the measurements of your bezels and the software will layout your video wall perfectly, compensating for every bezel of every screen.



How these Features Become Benefits

Video Walls are expensive because Video Wall panels are expensive, with the Cap 9 you can use TV's that do not have video wall processing built in. Cutting the cost of the installation, but still delivering a huge wow factor for your client. That will bring on word of mouth and increased revenue from increased jobs!

The hardest part of setting up a Cap 9 is hanging the panels, set up is extremely simple with the free software. Allowing you complete the install quickly, even for a tech that is not as experienced. This keeps your top techs working on the next job, keeping the company's cash flow healthy

Dolby Vision and HDR, The CAP 9 manages them throughout all nine of it's outputs. This addition of billions of colors will have the end user floored when compared to traditional HD images. Staying ahead of technology is important, it shows your clients that you know what you are doing and gives them a sense of security when they receive something they have not seen before.

10-Year Warranty

AVPro Edge offers a 10-Year advanced replacement no B.S. warranty. This will give you as the integrator and the customer peace of mind knowing that you have installed a product built to last.



Compatible Products

AC-FRESCO-DA116 – Fresco 1x16 Distribution Amplifier

<https://www.avproedge.com/ac-fresco-da116.html>



AC-MXMV122-UHD – Video Flux Matrix/Multi-viewer

<https://www.avproedge.com/ac-mxmv122-uhd.html>



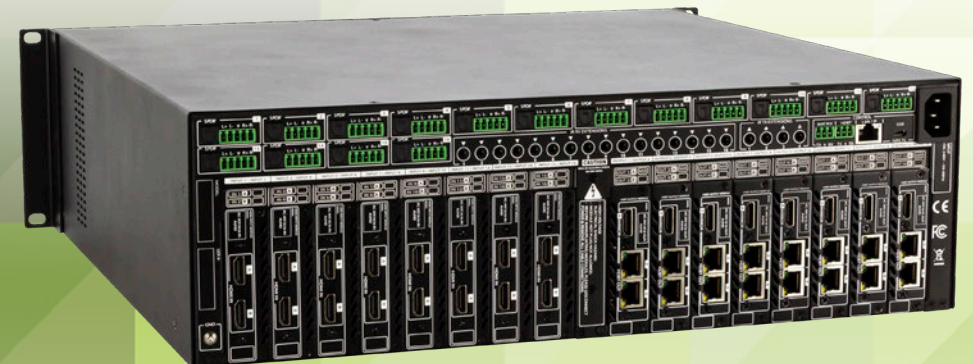
AC-MX9XHDL-HDBT – Cloud 9 9xUnlimited Mass Media Matrix

<https://www.avproedge.com/cloud9.html>



ANY OF OUR HDMI AND HDBaseT MATRICES!

<https://www.avproedge.com/switchfamily.html>



Need More Information?

Never hesitate to give us a call at 605-274-6055, we are always happy to clarify any questions you may have.

www.AVProEdge.com/AC-FRESCO-CAP-9

info@avproedge.com

VIDEO:	
VIDEO RESOLUTIONS	UP TO 4K 60HZ 4:4:4
VESA RESOLUTIONS	UP TO DCI 4K (4096X2160) 5K (UP TO 5120X3200)
COLOR SPACE	YUV (COMPONENT), RGB (CSC: REC. 601, REC. 709, BT2020, DCI, P3 D6500)
CHROMA SUBSAMPLING	4:4:4, 4:2:2, 4:2:0 SUPPORTED
DEEP COLOR	UP TO 16 BIT (1080), UP TO 12 BIT (4K)
AUDIO:	
AUDIO FORMATS SUPPORTED HDMI	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGITAL, DTS 5.1, DOLBY DIGITAL PLUS, DOLBY TRUEHD, DTS-HD MASTER AUDIO, DTS-X, DOLBY ATMOS
AUDIO FORMATS SUPPORTED EXTRACTED (2CH PORT)	PCM 2 CH
DISTANCE:	
HDMI IN/OUT (4K60 4:4:4)	UP TO 50 FEET (USING BULLET TRAIN HDMI)
HDMI IN/OUT (W/ AOC CABLE) (4K60 4:4:4)	UP TO 130 FEET (USING BULLET TRAIN AOC)
OTHER:	
BANDWIDTH	18 GBPS
HDCP	HDCP 2.2AND EARLIER
CONTROL:	
PORTS	LAN, RS232, IR WINDOW
LAN WEBOS	YES
PORTS:	
HDMI	TYPE A
LAN	RJ45 W/ WEB INTERFACE/ CONTROL
AUDIO (EXTRACTED ANALOG)	5 PIN TERMINAL BLOCK (BALANCED)
IR RX	WINDOW ONLY (REMOTE INCLUDED)
RS232	3 PIN TERMINAL BLOCK
ENVIRONMENTAL:	
OPERATING TEMPRATURE	23 TO 125°F (-5 TO 51°C)
STORAGE TEMPERATURE	-4 TO 140°F (-20 TO 60°C)
HUMIDITY RANGE	5-90% RH (NO CONDENSATION)
POWER:	
POWER CONSUMPTION (TOTAL)	6 WATTS MAX
POWER SUPPLY - MATRIX	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 12V 2A
DIMENSIONS:	
DIMENSIONS (UNIT ONLY - HEIGHT/DEPTH/WIDTH)	MM: 30.5 X 138.3 X 296.9 INCH: 1.2 X 5.45 X 11.69
DIMENSIONS (PACKAGED HEIGHT/DEPTH/WIDTH)	MM: 76.2 X 184.2 X 317.5 INCH: 3 X 7.25 X 12.5
WEIGHT (UNIT)	2.5 LBS (1.13 KG)
WEIGHT (PACKAGED)	3.5 LBS (1.59 KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE	