



# FRESCO

VIDEO SYSTEMS

BY **AVPro edge**



## AC-FRESCO-DA116

1x16 DISTRIBUTION AMPLIFIER

THE FRESCO LARGE-SCALE DISTRIBUTION AMPLIFIER WAS ENGINEERED TO REPEAT AND AMPLIFY ANY HDMI SIGNAL YOU CAN THROW AT IT.

Built to handle full 4K60 (4:4:4) at 18Gbps, the AC-FRESCO-DA116 amplifies and stabilizes a HDMI signal throughout its 16 HDMI output ports. The slim design makes it easy to mount locally, away from a rack or media center, leaving your clients with a clean finish. We understand that many installations are running non-stop, 24/7-365. Our engineers took measures to ensure any signal running through the AC-FRESCO-DA116 will be stable over long periods of time – our 10-year warranty proves that. Whether you are building a video wall, running digital signage or showing the big game throughout a bar, Fresco Video Systems from AVPro Edge will deliver a solid solution that lasts.

- **VIDEO WALLS:** WHEN USING COMMERCIAL DISPLAYS TO MAKE A VIDEO WALL, EVERY DISPLAY NEEDS TO RECEIVE GET THE EXACT SAME SIGNAL AT THE SAME TIME. THE FRESCO DA116 WILL PROVIDE THE STABLE UNCOMPRESSED CONNECTION THAT MAKES A VIDEO WALL “POP”.
- **BARS & RESTAURANTS:** PERFECT FOR SHOWING THE GAME OR A MENU ON MANY DISPLAYS AT THE SAME TIME.
- **DIGITAL SIGNAGE:** SIGNAGE AND ADVERTISEMENTS ARE EVERYWHERE, USING A FRESCO DA116 WILL ENSURE AN UNCOMPRESSED IMAGE WILL REACH ITS DESTINATION. DELIVERING A SIGNAL THAT IS PROCESSED THROUGH A COMPRESSION MODEL CAN LOWER THE QUALITY OF THE FINAL IMAGE.
- **RETAIL TV SALES:** STORES THAT SELL DISPLAYS NEED TO HAVE HIGH BANDWIDTH SOLUTIONS THAT WILL DELIVER THE MOST OPTIMIZED IMAGE TO THE SCREEN. TODAY’S DISPLAYS ARE 4K AND BUILT TO SHOW HDR. IF YOU ARE SELLING NEW DISPLAYS, YOU NEED TO HAVE A DISTRIBUTION SOLUTION THAT CAN HANDLE THE LATEST SIGNALING.



### AC-FRESCO-DA116 VIDEO WALL DIAGRAM



**SOURCE**

1 INPUT x 16 OUTPUTS



**HDMI**<sup>®</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE



**PRODUCT SPECIFICATIONS**

<b>VIDEO:</b>	
VIDEO RESOLUTIONS	UP TO 4K 60HZ 4:4:4
VESA RESOLUTIONS	UP TO DCI 4K (4096X2160) 5K (UP TO 5120X3200)
HDR FORMATS/RESOLUTIONS	420, 422, 444 (10 AND 12 DEEP COLOR) HDR10, HDR10+, DOLBY VISION, HLG
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)
<b>AUDIO:</b>	
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
<b>DISTANCE:</b>	
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)
<b>OTHER:</b>	
BANDWIDTH (HDMI)	18 Gbps
HDCP	HDCP 2.2 AND EARLIER
<b>PORTS:</b>	
HDMI (INPUT)	TYPE A
FIRMWARE	MICRO USB
<b>ENVIRONMENTAL:</b>	
OPERATING TEMPERATURE	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)
<b>POWER:</b>	
POWER CONSUMPTION (TOTAL)	30 WATTS MAX
POWER SUPPLY	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 12V 5A
<b>DIMENSIONS:</b>	
DIMENSIONS (UNIT ONLY LENGTH/WIDTH/HEIGHT)	MM: 109 X 298 X 30 INCH: 4.29 X 11.75 X 1.18
DIMENSIONS (PACKAGED LENGTH/WIDTH/HEIGHT)	MM: 305 X 178 X 77 INCH: 12 X 7 X 3
WEIGHT (UNIT)	2 LBS (0.9 KG)
WEIGHT (PACKAGED)	3.2 LBS (1.45 KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE	

**BOX CONTENTS**

- HDMI 2.0 (a/b)
- 18Gbps Bandwidth
- Ultimate HDR Support (HDR 10 & 12 Bit)
- High Dynamic Range Support
- Perfect for Video Walls
- Advanced EDID Management

**FEATURES:**

- Full HDR Support
- Locking Power Connector
- Ultra low-profile design Slim Chassis
- Cascadable
- Strong and Stable HDMI Signaling
- Plug-and-play Set-up
- Military Grade Stability
- Blue LED confidence lights on front panel