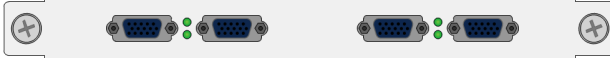
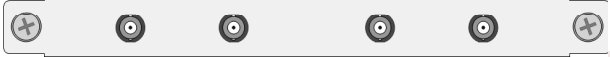


# Input / Output Modules for HDM-AVXWALL Video Wall Processor

## Inputs



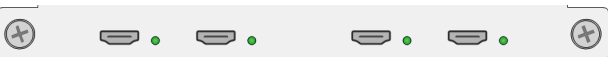
Signal Format	RGBHV/YpPr
Physical Connector	15 pin D-sub(DB15/DE-15F)/ Female
Maximum Resolution	1920×1200@60Hz
Impedance	75Ω
RGB Synchronization	Separate Sync
Reference Level	0.7 Vp-p



Signal Format	CVBS Component EIA-770.2-A
Physical Connector	BNC/Female
Resolution	720×576 (PAL) 720×480 (NTSC)
Impedance	75Ω
Reference Level	1 Vp-p



Signal Format	DVI-D digital T.M.D.S. signal in DVI 1.0
Physical Connector	24+5 pins/DVI-I
Resolution	1920×1200@60Hz
Impedance	75Ω
Signal Level	T.M.D.S 2.9V~3.3V



Signal Format	HDMI 1.3
Physical Connector	HDMI Type A
Maximum Resolution	1920×1200@60Hz
HDCP	YES
Maximum Data Rate	4.95Gbps



Signal Format	SDI SMPTE 259M/292M/424M
Physical Connector	BNC/Female
Maximum Resolution	1920x1080p
Impedance	75Ω
Loop Out	Yes



Signal Format	HDBaseT
Colour Depth	32bit/pixel
Physical Port	Rj45/Female
Maximum Resolution	1920*1200@60Hz
Maximum Distance	100m
Front-end Device	HDBaseT Transmitter



Signal Format	Dual-link DVI
Maximum Pixel Clock	330M
Physical Port	24+5 pins/DVI-I/Female (Digital Only)
Maximum Resolution	4096*2160@24Hz, 3840*2400@30Hz, 2560*1600@60Hz
Impedance	50Ω
Signal Level	T.M.D.S. 2.9V~3.3V



Signal Format	DisplayPort 1.1a
Maximum Pixel Clock	330M
Physical Port	DisplayPort
Maximum Resolution	4096*2160@24Hz, 3840*2400@30Hz, 2560*1600@60Hz
Impedance	50Ω
Signal Level	T.M.D.S. 2.9V~3.3V

## Outputs



Signal Format	DVI-I
Physical Port	24+5 pins DVI-I/Female
Maximum Resolution	1920×1200@60Hz
Impedance	50Ω
Colour Depth	32Bit/pixel
Signal Level	T.M.D.S. 2.9V~3.3V
Maximum Distance	15m, 1920×1200@60Hz



Signal Format	HDBaseT
Colour Depth	32bit/pixel
Physical Port	Rj45/Female
Maximum Resolution	1920*1200@60Hz
Maximum Distance	100m
Back-end Device	HDBaseT Receiver



Signal Format	Dual-link DVI
Maximum Pixel Clock	330M
Physical Port	24+5 pins/DVI-I/Female (Digital Only)
Maximum Resolution	4096*2160@24Hz, 3840*2400@30Hz, 2560*1600@60Hz
Impedance	50Ω
Signal Level	T.M.D.S. 2.9V~3.3V



Signal Format	HDMI 1.4
Maximum Pixel Clock	330M
Physical Port	HDMI Type A
Maximum Resolution	4096*2160@24Hz, 3840*2400@30Hz, 2560*1600@60Hz
Signal Level	T.M.D.S. 2.9V~3.3V

## Device Management

Ports	Ethernet	100M/1000M Base-T Ethernet
	Serial Port	RS-232
Software	AVX-ControlPo Management Software (Commanding protocols is available for secondary development)	

## Operating Range

Operating Temperature	0~40° C / 32~104° F
Storage Temperature	-10~60° C / 14~140° F
Humidity	10~90%

## Chassis

Size	I/O Slots	Dimension	Power
2U	4	482 x 88 x 380	100-250V AC, 50/60 Hz, <150W
4U	8	482 x 175 x 380	100-250V AC, 50/60 Hz, <300W
8U	17	482 x 352 x 380	100-250V AC, 50/60 Hz, <450W

## Dimensions, Weight and Configurations

Model	Net Weight (lb)	Gross Weight (lb)	Package Dimension (in)			Unit Dimension (in)		
			Length	Width	Height	Length	Width	Height
HDM-AVXWALL-2U	17	22	17.3	15	0.35	23	21	10
HDM-AVXWALL-4U	22	29	17.3	15	7	23	21	13
HDM-AVXWALL-8U	36	44	17.3	15	14	23	21	20.5
HDM-AVXWALL-14U	36	60	1.3	15	24.5	23	21	31
HDM-AVXWALL-20U	66	88	15.7	15	35	24	22	41
HDM-AVXWALL-28U	110	132	17.3	15	49	24	22	55

### Variable Input/Output Configurations

Chassis	Digital Scale	Analog Scale
2U	8 X 8	32 X 8
4U	16 X 16	64 X 16
8U	32 X 36	128 X 36
13U	64 X 72	256 X 72
19U	128 X 72	512 X 72