

HDM-AVXWALL

4K Multi Input FPGA Video processor

Modular 4K Video wall Processor



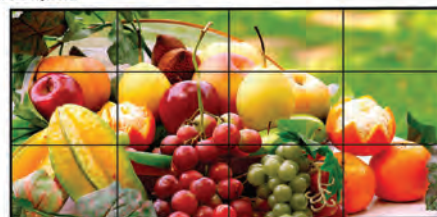
KEY FEATURES

- Scales up to 72 synchronized/framelocked displays in Digital Scale Mode;
- 4K, Full HD input and output resolutions;
- Up to 128 Digital Inputs, 72 Digital Outputs;
- Robust network Telnet API enables a variety of control options for video walls;
- Pure hardware structure without operating system;
- FPGA architecture providing excellent image processing performance;
- Input Signal Preview: input signals can be previewed in the UI of software before being displayed on the screens;
- Card to Main-board Plugging structure,
- Multi Video Wall Control (MVWC) (up to 4 different video walls)
- Graphic Cropping and Signal Upscaling,
- Ultra-high Resolution background Image,
- Character Superimposition,
- Scene Saving: Any configuring arrangement of video signal displayed on screen wall can be saved as "scenes",

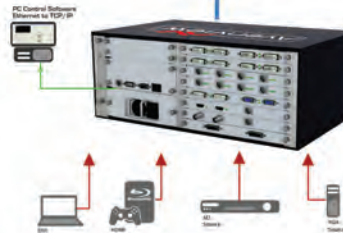
HDM-AVXWALL-XX

CABLE INDEX

4x3 Configuration



4K 24



Drag and Drop Capability



iPad Control Software

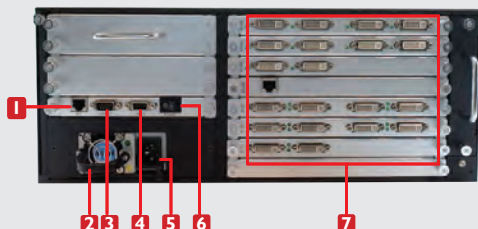


Seamless Switching

MECHANICAL SPECIFICATIONS

Housing	Metal Case / Matt Black
Dimensions / Net Weight	Based on Form Factor (2/4/8/13/19U Size)
Weight	Based on Form Factor
Power Supply	AC 100-240V / 150 Watts (max)
Power Consumption	60W (max)
Operating Temperature	0~40°C [32~104°F]
Storage Temperature Relative	20~60°C [-4~140°F]
Humidity	20-90% RH [No Condensation]

PANEL DESCRIPTION



- 1 LAN: Connect to network
- 2 Ventilation Fan
- 3 RS 232 OUT
- 4 RS 232 IN: Connect to PC
- 5 Power Supply
- 6 Power Switch
- 7 Input/Output Cards: Supports up to 128 Inputs / 72 Outputs HDBaseT, HDMI, DVI, SDI, DP, VGA, CVBS, (see user guide for details)



ITEM

SPECIFICATION

Model	HDM-AVXWALL
Description	Multi-input Image Video Wall Processor with 4K Support
Video Format Support	CVBS, YPbPr, VGA, DVI, HDMI, SDI, DisplayPort, UTP and optical fiber
Input	HDBaseT, HDMI, DVI, YPbPr, CVBS, SDI, VGA, Optical Fiber,
Output	HDBaseT, HDMI, DVI, YPbPr, CVBS, SDI, VGA, Optical Fiber, Cat5/6
System Control	TCP/IP, PC Software Control, iPad Control
RCA Connector	75Ω female
DVI Connector	DVI-I (212-pin female, digital only)
RJ45 Connector	WE/SS 8p8C with 2 LED indicators
RS 232 Connector	DB9 Connector
Supported Resolution	SD Up to 1080p and 4K (4096x2160@24Hz)
Audio Support	Yes (on selected I/O cards)
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)



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