

# DVI-PROWALL-12X

12 Screen Videowall Controller

## VIDEO WALL PROCESSOR



### KEY FEATURES

- Twelve DVI outputs at Full HD 1080p;
- One HDMI input supports up to 1080p@60;
- One HDMI/VGA/Component input support up to 1080p@60;
- Advanced video de-interlace for improving 480i and 576i SD video input;
- PIP, PAP and full screen input modes with the flexibility to adjust size and position using controller software;
- Resize, position, flip, and zoom output video with the ability to rotate screen 90 degrees left and right;
- Multi-purpose controller perfect for video screen splitting, video converting and video switching;
- Independantly control DVI output(s) using controller software;
- Image parameters/layouts auto save on flash memory;
- Software controller through RS232 and Ethernet;
- Upgradable firmware.

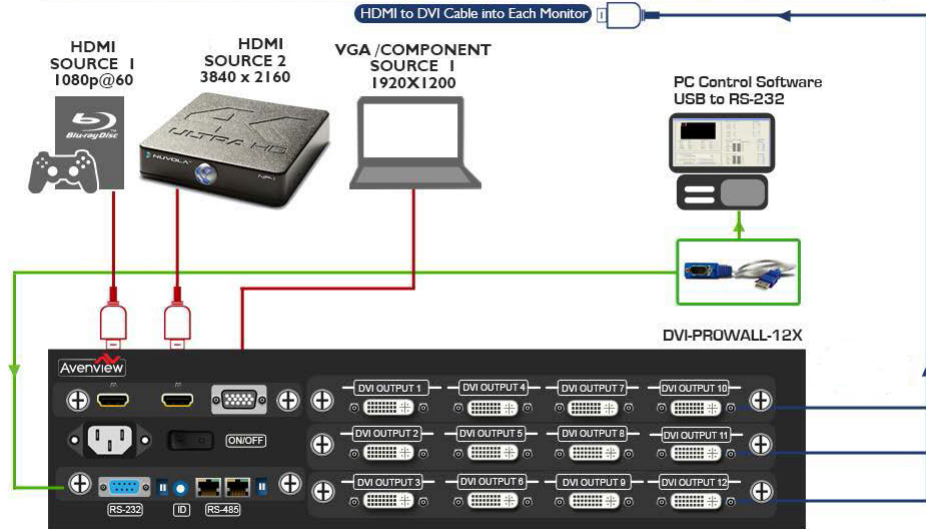
### MECHANICAL SPECIFICATIONS

<b>Housing</b>	Metal Case
<b>Dimensions / Net Weight</b>	TBA
<b>Fixedness</b>	2.5RU Rack Mount with Ears AC Power
<b>Power Supply</b>	110-240V
<b>Power Consumption</b>	TBA
<b>Operating Temperature</b>	0~35°C [32~95°F]
<b>Storage Temperature Relative</b>	20~60°C [-4~140°F]
<b>Humidity</b>	20~90% RH [No Condensation]

### PANEL DESCRIPTION



- |                                 |                       |
|---------------------------------|-----------------------|
| <b>1</b> AC Power               | <b>2</b> Video Input  |
| <b>3</b> Video Input: VGA/DVI   | <b>4</b> Power Switch |
| <b>5</b> RS 232: Device Control | <b>6</b> Device ID    |
| <b>7</b> RS 485: Cascade Mode   | <b>8</b> Dip Switch   |
| <b>9</b> DVI/HDMI Output Ports  |                       |



### ITEM

### SPECIFICATION

<b>Description</b>	Video Wall Processor
<b>Output Displays</b>	12 Displays @ 640 x 480 to 1920 x 1080 resolutions
<b>Input Format Support</b>	DVI/HDMI/VGA/Component (640 x 480 to 1920 x 1080 resolutions)
<b>Output Format Support</b>	DVI/HDMI
<b>Video Loop Out</b>	Optional
<b>HDCP Video Compliance</b>	Yes
<b>Video Bandwidth</b>	DVI [Single-link 4.95Gbps], HDMI [2.25G to 6.75Gbps], Composite [13.5MHz], VGA [165MHz]
<b>Input Video Support</b>	Up To 1080p@60 (Input 1)
<b>Audio Support</b>	No
<b>Control</b>	RS 232 / Ethernet
<b>Input TMDS Signal ESD</b>	1.2 Volts [Peak-to-Peak]
<b>Protection</b>	Human Body Model - 19kV [Air-gap Discharge] & 12kV [Contact Discharge]
<b>PCB Stack-Up</b>	6-Layer Board [Impedance Control-Differential 100Ω; Single 50Ω]
<b>Input</b>	2 x DVI/HDMI, 1 x VGA/Component, 1 x RS 232, 1 x RJ45
<b>DVI Connector</b>	DVI-I [29-pin female, digital only]
<b>VGA Connector</b>	HD-15 [15-pin D-sub female]
<b>RS 232 Connector</b>	DE-9 [9-pin D-sub female]
<b>Connector</b>	75Ω female
<b>RJ45 Connector</b>	WE/SS 8P8C

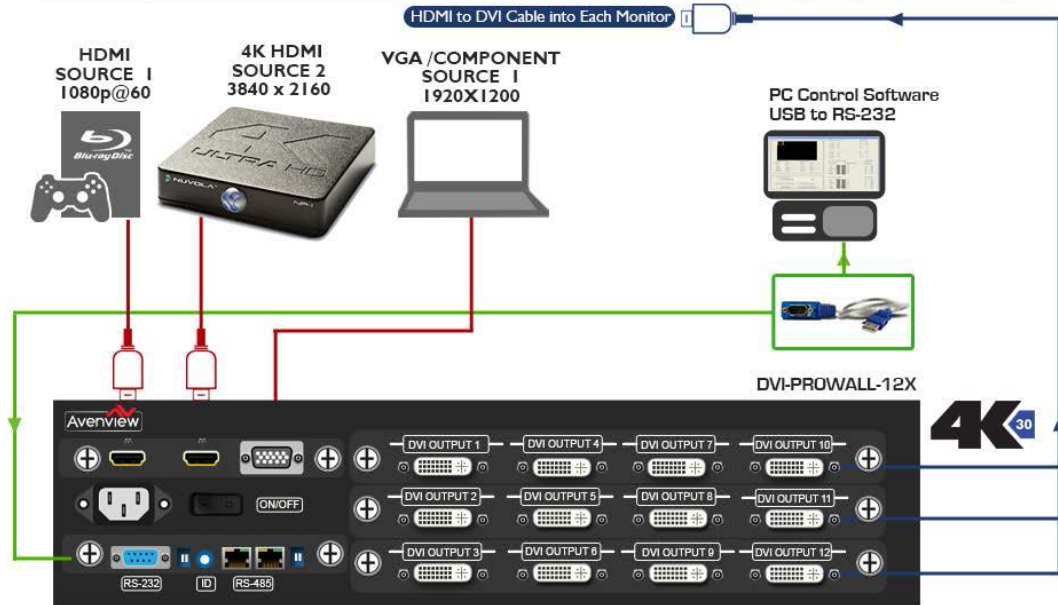
# DVI-PROWALL-12X

LAYOUT 1- DUAL INPUT VIDEO WALL  
PICTURE IN PICTURE

**CABLE INDEX**

- Output ■
- Input / Source ■
- RS-232 ■
- CAT-5 / CAT-6 ■

4X3 VIDEO WALL



The DVI-PROWALL-12X features simultaneous displays from 2 video inputs (HDMI/DVI/Component). Cascade this unit with the DVI-SPLITPRO4X/4A to achieve multiple digital inputs and add more screens to your video wall. Easily control your video with adjusting size, positioning, screen splitting, video converting to video switching using controller software.

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