

# 4KWALL-UHD

4×4 HDMI MATRIX/VIDEOWALL/MULTIVIEWER SWITCH | 4K@60HZ 4:4:4



THE IDEAL VIDEO WALL CONTROLLER AND VIDEO MATRIX HARDWARE SOLUTION  
WITH STUNNING 4K RESOLUTION AND SEAMLESS TRANSITIONS

## FEATURES

- Complete hardware solution, no need for a PC
- Plug-and-play ready
- Maximum resolution of 3840x2160@60Hz
- Seamless Video Transitions
- Four HDMI inputs and four HDMI outputs
- HDMI digital audio output
- Multiple screen modes and picture flip functions
- Easy control and access
- Ethernet control-ready via webpage
- Supports IR and RS-232 control

## APPLICATIONS

- Airports
- Malls
- Mass Video Conferencing
- Entertainment Venues
- Corporate Lobbies
- Restaurants
- Financial
- Medical



Designed and Manufactured in the USA

# INNOVATIVE VIDEO WALL CONTROLLER AND MATRIX

To create a four-screen video wall with four UHD video inputs, the 4KWALL-UHD video wall controller and matrix provides a truly simple plug-and-play hardware solution with incredible 4K UHD resolution and seamless transitions between channels. With four inputs and four outputs, users can arrange their content in numerous ways, providing unique functionality by combining the abilities of a video wall hardware controller and a matrix.

Users can stretch one video input over all four screens, send an input to each screen, send all four inputs to each screen or select a Picture-in-Picture display to be shown on a main input. You can even flip pictures for exciting new display configurations! The 4KWALL-UHD showcases UHD picture quality on all channels, as well as digital audio output over HDMI. Better still, there's no software installation required, as all content management options are effortlessly controlled via the 4KWALL-UHD video wall controller unit itself. There's no need for drivers or updates, just connect the inputs and screens to the controller and it's ready to go.

## A COMPLETE UHD VIDEO WALL EXPERIENCE

With four HDMI inputs, four HDMI outputs, and support for 4K@60Hz resolution, the 4KWALL-UHD delivers the ultra-high definition premium content that audiences expect with the added bonus of full digital audio. Furthermore, this video wall controller and matrix switch enables users to craft engaging messaging and attractive branding with ease. With numerous options for how each input is displayed, there's no limit to the unique and exciting content options with this user-friendly hardware solution.

Changing content inputs, re-directing what content shows on which screens, and re-orienting content layouts is as simple as the click of a button. Users don't have to learn any new programs or dedicate a computer to managing the 4KWALL-UHD.

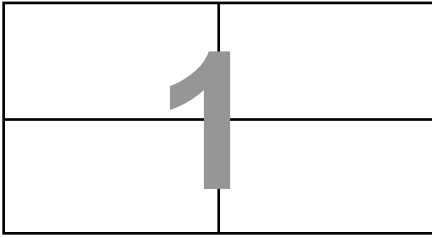
## MULTIPLE WAYS TO CONTROL

The 4KWALL-UHD features multiple ways to control the switch to best suit the user's needs at any given time. Users can control the 4KWALL-UHD through front panel control, RS-232 serial commands, IR Remote Control, and Ethernet (TCP/IP) connection. All methods of control provide complete control of the 4KWALL-UHD allowing users to choose which method best suits their needs.

## INTEGRATED WEB SERVER

The 4KWALL-UHD features Integrated Web Server functionality, giving users the ability to configure the video wall from anywhere they can connect to the Internet. This user-friendly web app gives users all the video configurations found on the box, but through remote access. That means users can choose the method of configuring the 4KWALL-UHD that best suits their needs at any given time.

# AVAILABLE CONFIGURATIONS

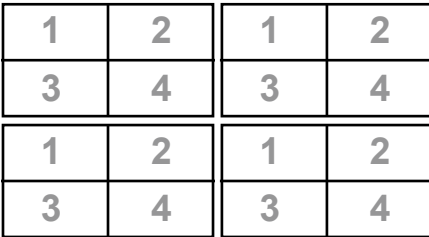


## VIDEO WALL MODE

Users can select any of the four UHD inputs and project the image across four UHD screens (2x2) configuration). With screen resolution up to 3840x2160@60Hz, users can a stunning 8K resolution video wall display.

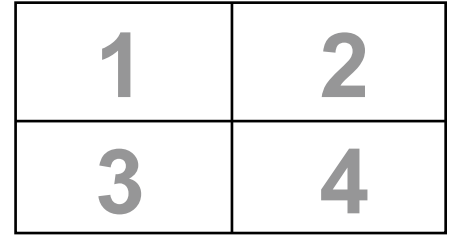
## INDIVIDUAL MODE

Users can take advantage of full matrix functionality by routing any of the four UHD inputs to any of the four UHD screens, with support resolution up to 3840x2160 on each screen.



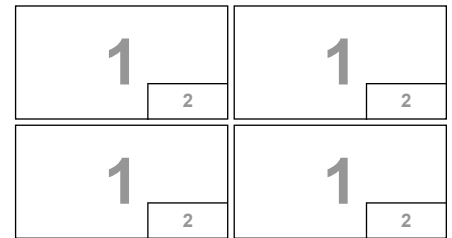
## QUAD MODE

Users can divide each screen into four sections with all four inputs playing on each screen. Allowing users to have complete control on each screen. Further enhancing the 4KWALL-UHD's matrix functionality.



## Picture-in-Picture MODE

Users can create Picture-in-Picture (PiP) displays on each screen using all four inputs, with one main UHD source and one accompanying PiP source alongside.



# FRONT AND BACK

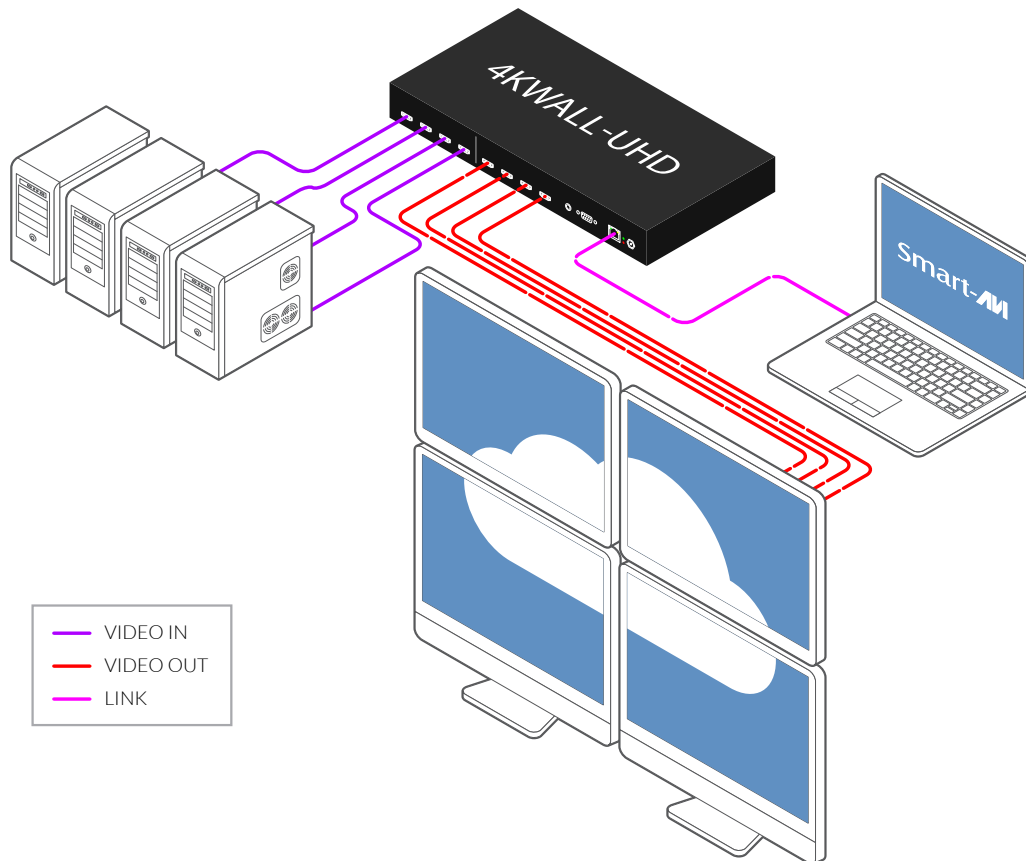


4KWALL-UHD Back Panel



4KWALL-UHD Front Panel

# APPLICATION DIAGRAM



# TECHNICAL SPECIFICATIONS

## VIDEO

Format	HDMI 2.0
Input Resolution	Up to 3840x2160 @60 Hz
Output Resolution	Up to 3840x2160 @60 Hz
Input Interface	(4) HDMI 19-pin (female)
Output Interface	(4) HDMI 19-pin (female)

## AUDIO

Format	HDMI Digital Audio
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## CONTROL

Front Panel	Push Buttons
IR Remote Control	IR RC5
Ethernet (TCP/IP)	RJ-45
RS-232	DB9 (female)

## MECHANICAL

Power Adapter	12VDC3A
Dimensions	13"W x 9"H x 1.9"D
Weight	4.8 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temperature	+32 to +104°F (0 to +40°C)
Storage Temperature	-4 to 140°F (-20 to +60°C)
Humidity	Up to 80% (No Condensation)
Emulation	Keyboard and Mouse

## PART NO.

## DESCRIPTION

4KWALL-UHD-S	4x4 HDMI Matrix/Videowall/Multiviewer Switch, 4K@60Hz 4:4:4. Includes: [4KWALL-UHD, PS12VDC]
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