VuWall

AdScape-HDMI & AdScape-DP 4K Expanders
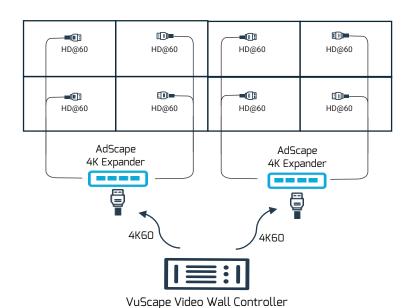
AdScape 4K Expander

4K Expanders for PAK & VuScape Processors

AdScape-HDMI and AdScape-DP are expansion boxes for the VuScape Video Wall Controllers, to expand a 4K output image to 4x 1080p displays. AdScape is ideal for large video walls and can be mounted behind the display wall to reduce cabling costs. Multiple boxes can be connected to a single 24x 4K output VuScape controller to expand the number of outputs to 96x 1080p displays.

Plug and play with default output arrangement of 2x2 set for the most common scenarios. Output arrangement can be set from the front panel to additional simple arrangements: 2x1, 1x2, 2x2, 3x1, 1x3, 4x1, 1x4 in both portrait and landscape. Manage multiple AdScape units over the network with the AdScape Configurator software to customize output arrangements in mixed resolutions and bezel management.

Features

- Ultra-fast scaling process with latency at a fraction of a frame
- 4K60 capable
- HDCP supported
- Flexible with customizable output arrangements and resolutions
- Output rotation supported in 90 degree steps
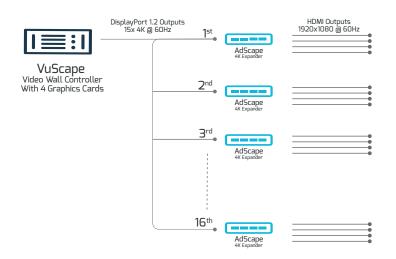- Bezel compensation and overlap
- Embedded audio passthrough
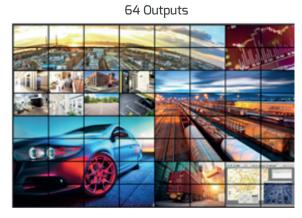- Front panel button for easy set up
- Powered by VuTrex™ technology.

POWERED BY **VuTrex™**

Example Diagram: Expanding a VuScape with 16x 4K outputs to 64x 1080p video wall displays

DisplayPort 1.2 Outputs
15x 4K @ 60Hz

HDMI Outputs
1920x1080 @ 60Hz

64 Outputs

VuScape
Video Wall Controller
With 4 Graphics Cards

1st AdScape 4K Expander
2nd AdScape 4K Expander
3rd AdScape 4K Expander
16th AdScape 4K Expander

Example Scenarios

- Expand a VS10 with 4x 4K60 outputs to 16x 1080p60 video wall displays
- Expand a VuScape with 24x 4K outputs to 96x 1080p video wall displays

AdScape Technical Specifications

Model	AdScape-HDMI	AdScape-DP
Input	HDMI	DisplayPort 1.2
Max Input Resolutions	3840x2160 @60Hz, 3840x2160 @30Hz, 7680x1080 @60Hz, 7680x1080 @30Hz, 1920x4320 @60Hz, 1920x4320 @30Hz Contact VuWall for custom resolutions	
Input Color Space	RGB: 24 bits per pixels YUV: 4:4:4, 4:2:2 (8 bits per component)	
Outputs	4 x HDMI	
Max Output Resolutions	1920x1080 @60Hz, 1920x1080 @30Hz, 1920x1200 @60Hz, 1920x1200 @30Hz	
Output Color Space	RGB: 24 bits per pixels	
Output Rotation	0, 90, 180 & 270 degrees	
HDCP Support	Yes	
Audio Pass-Through to Select Outputs	AAC, PCM, Stereo, and Mono 44.1KHz and 48KHz 16-bit stereo	
Preconfigured Simple Arrangements	2x1, 1x2, 2x2, 3x1, 1x3, 4x1, 1x4 in both portrait and landscape	

Contact Information

CORPORATE HQ
VuWall Technology Inc.
181 Hymus Blvd., Suite 301
Montreal, Quebec
H9R 5P4, Canada
+1 514 505 4436

UNITED STATES HQ
VuWall USA Inc.
2662 Holcomb Bridge Road
Suite 326
Roswell, GA, 30076 USA
(844) 933 9255

EUROPEAN HQ
VuWall Technology Europe GmbH
Birnenweg 15
72766 Reutlingen
Germany
+49 7121 766620

Control what you see.
www.vuwall.com
sales@vuwall.com