



**Make a
Statement**

VIDEO WALLS
make a big impression.

Affordable Video Wall Solutions for Every Industry



Screen



Matrix



Wall Bracket

Bring the wow factor to your business and create an experience your customers will never forget. Whether you want tiled displays with multiple screens, large single unit systems or a solution in between, **MAGICVIU** has you covered with everything you need to make a lasting impression.

Video Walls:

A video wall is any large electronic display of an image or images being displayed in a presentation format. Typically multiple display devices are tiled together as close as possible in a matrix to create a single logical screen (The Video Wall).

With special video processor devices, an image is scaled across the logical screen or multiple images are spread out over the logical screen. Video Walls from **MAGICVIU** are available in fixed or curved shape as well as interactive screens.

Hardware & Software:

With the right hardware, video walls can be built in nearly any size and configuration customers can imagine. Most often, a video wall is a rectangle of LCD screens, but a growing number of creatively-shaped video walls are emerging around the world. Beyond the screens, each project will need a video wall processor, which directs the content to the appropriate screens at the appropriate time to correctly display the images and video.

Video wall processors are available at many different price points, all with very different feature sets. Customer should be sure to opt for a processor that is able to handle the number of screens in each particular installation.

Some newer video wall technology is “software-centric,” which means all it needs is an ordinary PC, digital screens and networking equipment to operate.



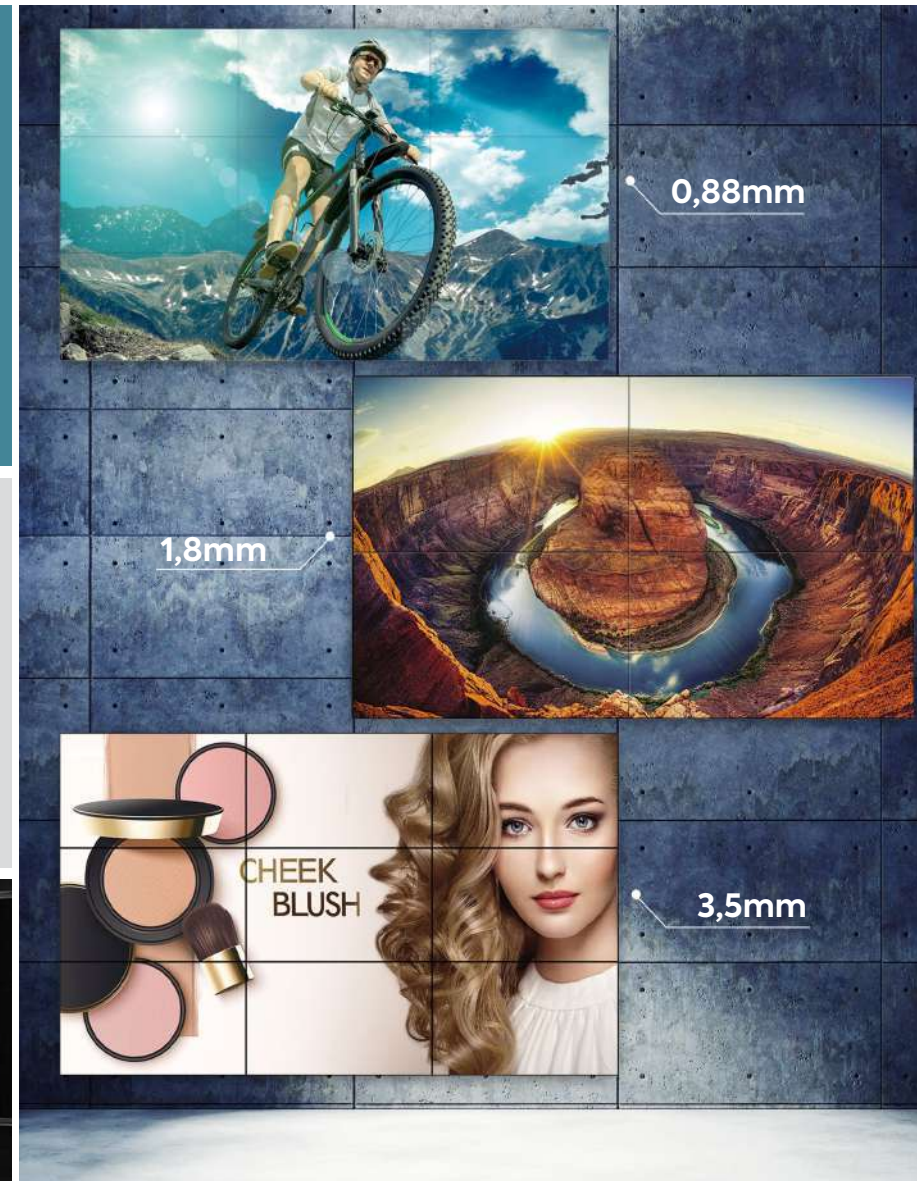
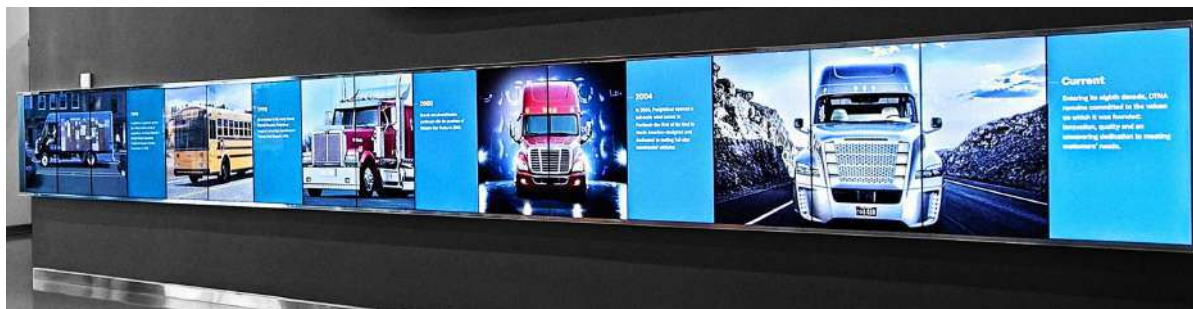
Display Content:

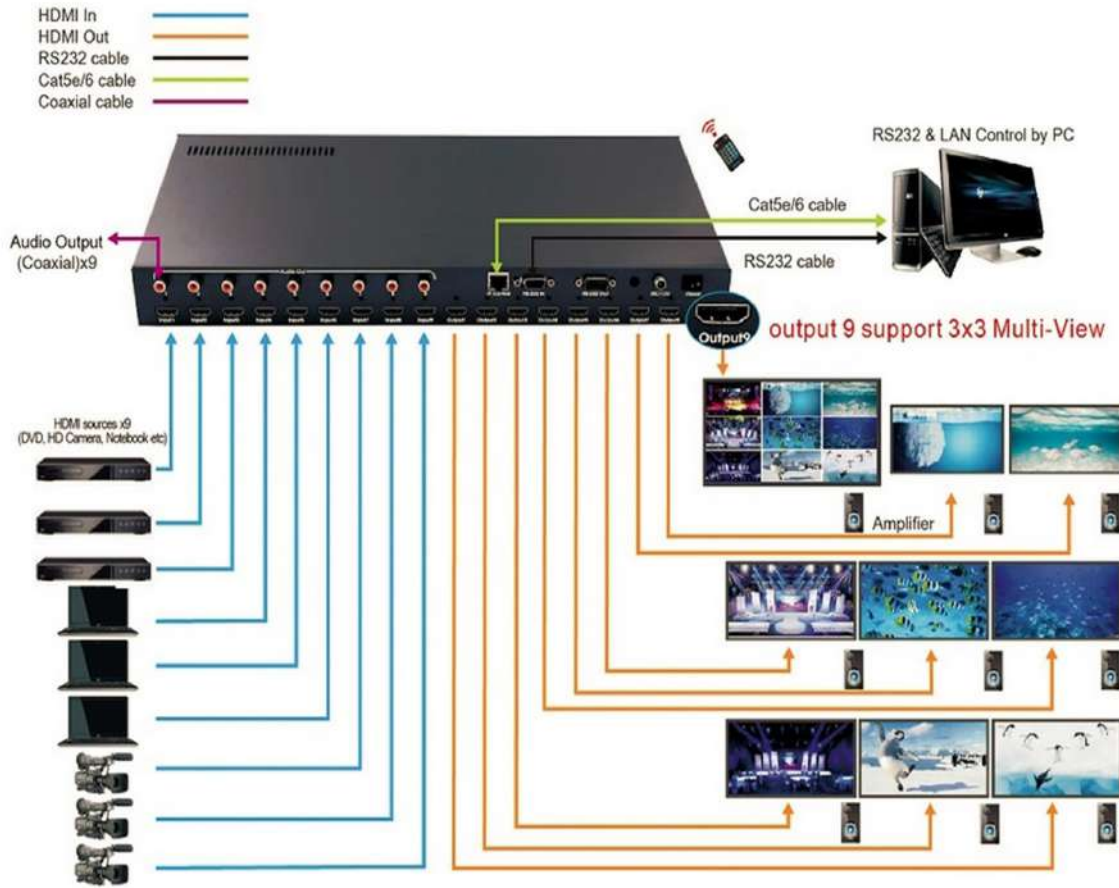
The content for video walls is much different than that of smaller-scale digital signage.

- ▶ The large scale should be taken into account when designing video, text and audio for a video wall, High-quality content is a must.
- ▶ Images and text should be right-sized.
- ▶ Avoid certain effects and keep any text as accessible as possible.
- ▶ Make the most of the technology.
- ▶ Carefully weigh simple vs. complex messaging.

Bezel:

One of the biggest considerations is bezel width, which refers to the width of each display's frame. Modern video wall displays have increasingly narrow bezels, which creates a smaller mullion, the gap between areas of active display. The result is a more fluid, more seamless video wall display. **MAGICVIU** provides super & ultra-narrow bezels 3,5mm, 1,8mm & 0,88mm. On request 0,00mm bezel solutions can be provided.





- 3x3 Multi-view on the 9th output port.

Video Wall Splitter:

It accepts one video input and splits the image into parts corresponding to displays in the **video wall**.

HDMI video wall splitters take a source input and distribute it across several outputs. They come as a piece of hardware, preconfigured and pretested, and they are usually plug-and-play.

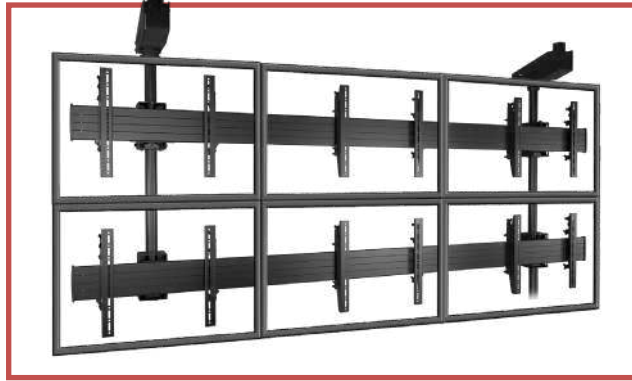
Video Wall Matrix:

To solve the issue with multiple inputs some people turn to a matrix switcher. Video Wall Matrix solutions allow users to send HD video to any screen on a video wall. These products are great for crafting elaborate, multi-source displays on a single video wall. As a result they are limited in the number of input and outputs they support—if you want to increase the number of outputs, you would need to daisy chain several devices (usually up to 32-64 outputs total).

Video Wall Mounting Kit Types



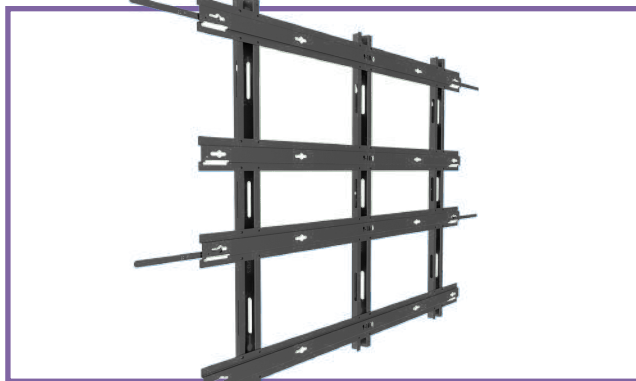
Free Standing Bracket



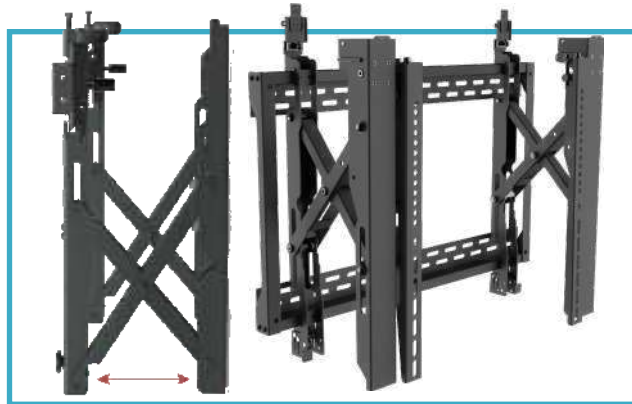
Ceiling Mount Bracket



Floor to Ceiling Bracket



Fixed Wall Bracket



Front Service Pop Out Bracket

Designed to make video wall installations as quick and simple as possible, this modular video wall mount can be used to create unlimited video wall configurations in both landscape and portrait format. Pop-out system enables quick and easy access to the rear of mounted screens for servicing and maintenance, making accurate screen alignment quick and easy.

Pop-out video walls stand out for their ease of installation, ease of maintenance, and infinite modularity. They are ideal for recessed wall installations, and are chosen for their post-installation accessibility.

Display Modes



Video wall processor supports various display modes.



Full Display



Left Right Display

Top Display



Single Display

	Landscape Mode	Portrait Mode
<p>Full Mode (2 x 2) - Divide the image into 4 sections and stretch the output resolution to match the available screen real estate</p>		<p>Rotation 90° (to the right) by graphic card set up →</p>
<p>Clone Mode (1 x 1) - Same content on four screens</p>		<p>Rotation 90° (to the right) by graphic card set up →</p>
<p>Vertical Replication Mode (2 x 1) - Display the same image in rows, for implementing wide video walls</p>		<p>Rotation 90° (to the right) by graphic card set up →</p>
<p>PIP Mode</p>	<p>Mode 1: Full image on the left-upper screen</p> <p>Mode 3: Full image on the left-lower screen</p>	<p>Mode 2: Full image on the right-upper screen</p> <p>Mode 4: Full image on the right-lower screen</p>

Applications:



These large, eye-catching displays make them ideal for a wide range of industries and installations. These days, video walls are popping up in a surprising number of locations, including retail stores, hospitality venues, outdoor advertising, stadiums and concert halls, transportation locations, and even police and security control rooms, video walls are mainly used for:

- Marketing & Products Display
- Events
- Broadcasting
- Surveillance & Security
- Data Monitoring
- Defense
- Energy
- Telecommunications
- Intelligent Traffic Systems
- Power & Utilities
- Public & Emergency Services

Video walls are a great option for customers who require a large-scale display but want to avoid a single large screen. Single screens limit the size and shape of the display, often can fall short in pixel density and can be cost-prohibitively expensive.



Surveillance & Security



Events



Control Room



Marketing & Advertising



Specs	Details	Specs	Details
Panel	LG	Model	KW-PJ49UNB
Screen Size	49"	Input	DVIx1, HDMIx1, RS232 (RJ45) x1, USBx1
Bezel	3.5mm	Output	RS232 (RJ45) x 2、LVDS x 1
Resolution	1920 x 1080	Aspect ratio	16:9
Display Area (mm)	W1071.3 x H601.4	Glass	4mm tempered
Overall size (mm)	W1078.3 x H608.4 x D67.3	Treatment	Antiglare (Haze 3%), Hard coating (2H)
Brightness	500 cd/m ²	Contrast Ratio	1200: 1 (Typ.) (TM)
Viewing Angle	H/V:178°/178°	Control options	Keyboard, RS232 serial port control & IR Remote control
Good View At	Symmetry	Net weight	19Kg
Display color	10Bit,16.7M	Backlight	LED
Signal Type	LVDS (2 Ch, 8/10-bit), Connector, 51 pins	Input power	AC 90-264V
Refresh Rate	60Hz	Power consumption	150W-200W

Spec	Details	Spec	Details
Panel	LG	Model	KW-PJ46UNB
Screen Size	46"	Input	DVIx1, HDMIx1, RS232 (RJ45) x1, USBx1
Bezel	3.5mm	Output	RS232 (RJ45) x 2、LVDS x 1
Resolution	1920 x 1080	Aspect ratio	16:9
Display Area (mm)	W1013.68 x H568.27	Glass	4mm tempered
Overall size (mm)	W1020.68 x H575.27 x D71.22	Treatment	Antiglare (Haze 2.5%) , Hard coating (2H), Antireflection
Brightness	500 cd/m ²	Contrast Ratio	1200: 1 (Typ.) (TM)
Viewing Angle	H/V:178°/178°	Control options	Keyboard, RS232 serial port control & IR Remote control
Good View At	Symmetry	Net weight	17Kg
Display color	10Bit,16.7M	Backlight	LED
Signal Type	LVDS (2 Ch, 8/10-bit) , Connector , 51 pins	Input power	AC 90-264V
Refresh Rate	60Hz	Power consumption	150W-200W

(Specifications are subject to changes without prior notice)



Specs	Details	Specs	Details
Panel	LG	Model	KW-PJ55UNB-3.5
Screen Size	55"	Input	DVIx1, HDMIx1, RS232 (RJ45) x1, USBx1
Bezel	3.5mm	Output	RS232 (RJ45) x 2、LVDS x 1
Resolution	1920 x 1080	Aspect ratio	16:9
Display Area (mm)	W1206.5 x H677.3	Glass	4mm tempered
Overall size (mm)	W1213.5 x H684.3 x D70.9	Treatment	Antiglare (Haze 3%), Hard coating (2H)
Brightness	500 cd/m ²	Contrast Ratio	1200: 1 (Typ.) (TM)
Viewing Angle	H/V:178°/178°	Control options	Keyboard, RS232 serial port control & IR Remote control
Good View At	Symmetry	Net weight	23Kg
Display color	10Bit,16.7M	Backlight	LED
Signal Type	LVDS (2 Ch, 8/10-bit), Connector, 51 pins	Input power	AC 90-264V
Refresh Rate	60Hz	Power consumption	150W-200W

Specs	Details	Specs	Details
Panel	LG	Model	KW-PJ55UNB-1.7
Screen Size	55"	Input	DVIx1, HDMIx1, RS232 (RJ45) x1, USBx1
Bezel	1.7mm	Output	RS232 (RJ45) x 2、LVDS x 1
Resolution	1920 x 1080	Aspect ratio	16:9
Display Area (mm)	W1206.5 x H677.3	Glass	4mm tempered
Overall size (mm)	W1213.5 x H684.3 x D70.9	Treatment	Antiglare (Haze 3%), Hard coating (2H)
Brightness	500 cd/m ²	Contrast Ratio	1200: 1 (Typ.) (TM)
Viewing Angle	H/V:178°/178°	Control options	Keyboard, RS232 serial port control & IR Remote control
Good View At	Symmetry	Net weight	23Kg
Display color	10Bit,16.7M	Backlight	LED
Signal Type	LVDS (2 Ch, 8/10-bit), Connector, 51 pins	Input power	AC 90-264V
Refresh Rate	60Hz	Power consumption	150W-200W

(Specifications are subject to changes without prior notice)



Specs	Details	Specs	Details
Panel	LG	Model	KW-PJ55UNB-0.88
Screen Size	55"	Input	DVIx1, HDMIx1, RS232 (RJ45) x1, USBx1
Bezel	0.88mm	Output	RS232 (RJ45) x 2、LVDS x 1
Resolution	1920 x 1080	Aspect ratio	16:9
Display Area (mm)	W1206.5 x H677.3 W1209 x H679.9	Glass	4mm tempered
Overall size (mm)	W1212.4 x H683.3 x D67	Treatment	Antiglare (Haze 3%), Hard coating (2H)
Brightness	500 cd/m ²	Contrast Ratio	1200: 1 (Typ.) (TM)
Viewing Angle	H/V:178°/178°	Control options	Keyboard, RS232 serial port control & IR Remote control
Good View At	Symmetry	Net weight	23Kg
Display color	10Bit,16.7M	Backlight	LED
Signal Type	LVDS (2 Ch, 8/10-bit), Connector, 51 pins	Input power	AC 90-264V
Refresh Rate	60Hz	Power consumption	150W-200W

(Specifications are subject to changes without prior notice)



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