QUADVISION
LEADING EDGE AV SPECIALISTS

Retail Video Wall

Quad Vision Ltd is a specialist AV solution provider, creating and delivering visual display solutions for a multitude of applications including the retail sector. LCD & LED video walls and large single screen displays are an excellent way to mirror your online digital presence in store, carrying on your brand theme and sharing your brand messages in a visually stunning way to your visitors and customers. Used internally or facing externally, large format video walls and single screens are proven to increase customer footfall and improve impulse purchases. They are highly engaging and give the retailer the perfect opportunity to showcase brand communications.

Incorporating a touch screen on a video display wall is also an option, taking the brand experience to a whole different level, allowing customers access to the entire product catalogue for viewing and purchase and gives you the ability to capture analytic and marketing information.

Content is managed either onsite or remotely using our Video Wall Controllers and Android Players, however, if you don't have the technical manpower, Quad Vision offers a fully outsourced remote content management service.

A video wall is a resilient solution and with our tailored preventative maintenance plan in place the system will run at optimal performance with little or no downtime.

Our Customers

LCD Video Screens

Ultra thin bezel, high resolution screens with 4K+ capability, or more specialist high brightness screens which counteract ambient and sunlight interference, maintain clear and detailed imagery for the viewer.

There are multiple possibilities to consider in fitting your available space and design purpose, **Quad Vision are experts in providing bespoke solutions including custom mounts and frames.**

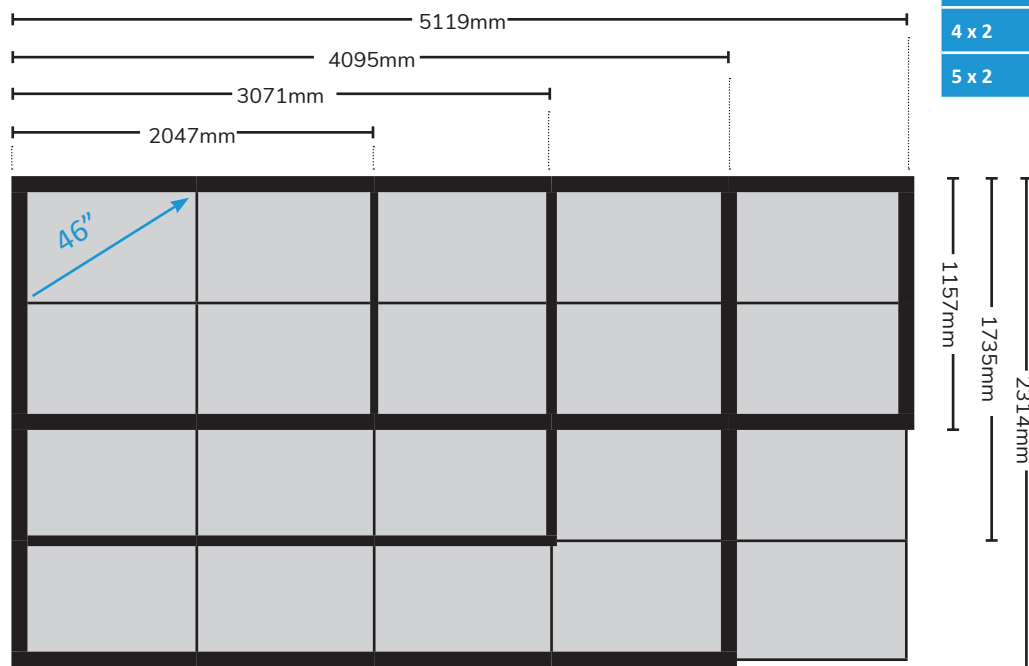| Our Video Screen Suppliers	SAMSUNG	LG	NEC

Technical Data (data based on Samsung range, other manufacturer details on request)

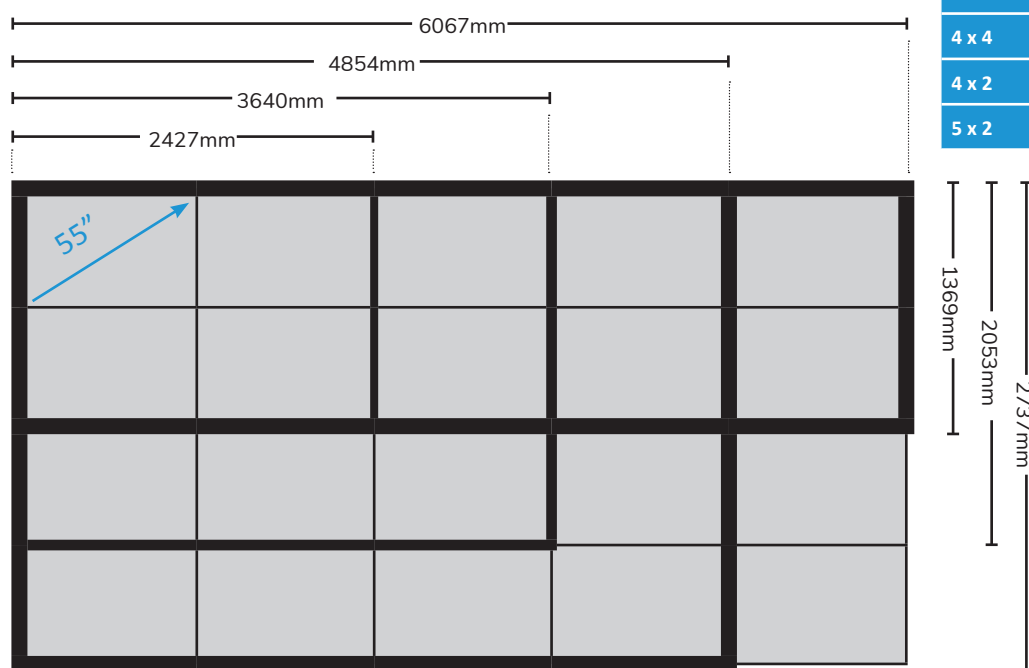| Diagonal Size	46"	55"
Set Dimension mm	1023.8 x 578.4 x 47.9	1213.5 x 684.3 x 96.6
Active Display Size mm (V x H)	1018.08 x 572.67	1209.6 x 680.4
Screen Weight	13.5kg	21.5kg
Pixel Pitch	0.53025 (H) x 0.53025(V)	0.63mm(H) x 0.63mm(V)
Typical Brightness:	450 nit	500 nit
Bezel Width	3.4mm(U/L), 2.0mm(R/B)	2.3mm(U/L), 1.2mm(R/B)
Resolution	1920 x 1080 (16:9), 4K+ Ultra High Definition	
Recommended Usage Hours	24/7	
Operating Temperature	0~40°C	
Mount / Frame	Custom to suit application	
Typical Screen Format	2 x 2, 3 x 3, 4 x 4, 2 x 4, 2 x 5	
Certification	CE	
Power	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
Power Consumption	• Max[W/h]132 • Typical[W/h]98 • BTU(Max)450 • Sleep mode less than 0.5W • Off mode less than 0.5W	• Max[W/h]198 • Typical[W/h]136 • BTU(Max)675 • Sleep mode less than 0.5W • Off mode less than 0.5W

Typical Screen Formats

46" Screens

Format	46" Screens	Resolution
2 x 2	2047 x 1157mm	3840 x 2160px
3 x 3	3071 x 1735mm	5760 x 3240px
4 x 4	4095 x 2314mm	7680 x 4320px
4 x 2	4095 x 1157mm	7680 x 2160px
5 x 2	5119 x 1157mm	9600 x 2160px

55" Screens

Format	55" Screens	Resolution
2 x 2	2427 x 1369mm	3840 x 2160px
3 x 3	3640 x 2053mm	5760 x 3240px
4 x 4	4854 x 2737mm	7680 x 4320px
4 x 2	4854 x 1369mm	7680 x 2160px
5 x 2	6067 x 1369mm	9600 x 2160px

Display Control Systems

Quad Vision offers control systems for retail display screens across a broad range of applications and usage, from simple professional and versatile single screen installations where an Android player is a perfect solution, to complex, high end installations where a video wall controller is required to handle multiple feeds of information.

Android Players

(data based on BrightSign player, other products available on request)

We use players with superior technology for advanced applications, delivering stunning picture quality. Players enable either onsite or remote management of content supported by an easy to use App and useful remote snapshot facility. The players are extremely cost effective and very reliable providing an ideal solution for the management of content on a single screen. When used with the Cloud, multiple single screen locations can be managed remotely.

Key Features

- Powerful 4K video engine

- Capable of decoding 1 or 2 videos simultaneously

- Supports Dolby Vision and HDR10+** content

- Advance HTML5

- IP Streaming

- Additional interactive options

- BrightSign App to easily manage content

- Remote Snapshot to easily view remote content

Video Wall Controllers

We use a content control system with powerful processing capability and the ability to manage signals from a wide range of devices, for multiple displays through a single platform. Controllers support real time or pre-programmed content to an ultra high resolution of 4K+. Quad Vision offers a range of video wall controllers to support a multitude of video wall layouts and complexities, with highly expandable and flexible solutions

Key Features

- Output capable of running 4K video at 60fps

- 4U rackor optional midi tower enclosure

- Flexible Windows based controller, allowing Windows based applications

- Robust video wall controllers to military grade specification

- Up to 64 Outputs

- Up to 64 Captures

- Capture resolution of up to 4K

- Ability to integrate with Quad Vision User Interface for easy use

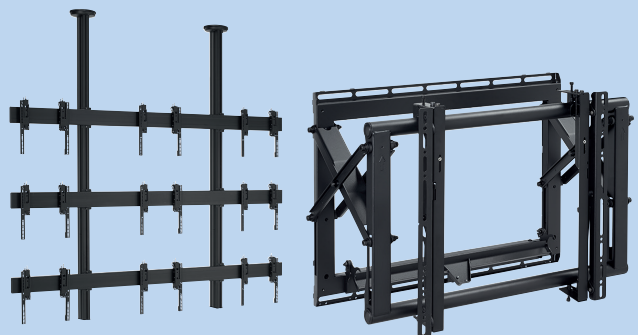- Streaming capture for CCTV etc

- Network PC screen capture and display

Custom Frames & Mounts

We have a range of systems to suit a variety of installations including:

QV Frames: Utilising our flexible modular mounting systems we can design and install a system to suit either your unique configuration or the installation location.

Pop Out Frames: Make installation and service to video walls very easy. Press on the display and a spring loaded mechanism will release the display and push it forward.

Vogels: A range of off the shelf wall, floor and ceiling mounted solution.

Ceiling or Floor Mounted Frame

Pop Out Frame