



VIDEONICTM
The Display Master

Videowall Display Solutions

Videonic Is Best For Delivering Seamless Visual Experience

In today's competitive world, grasping consumer attention, managing human resources often in tight and crowded environments, smart communication and different work patterns, schedules have forced the businesses to divert from traditional to modern eye-catching substitutes.

In turn, Videonic video wall display innovations have emerged as go-to improvements for businesses in different variety of market settings and environments pursuing for consumer response and effective communication for smart and smooth work streams.

Whether it is a corporate enterprise, educational institute, hospital, shopping mall, stadiums, cinemas and theaters, banquets and restaurants, city surveillance, or a travel terminals, Videonic video wall displays innovations ensure seamless visual experience and build a long lasting impressions in the different environments.



Description

A video wall is a large display wall consisting of multiple screens that are fixed together to form a single logical screen. Video walls have very narrow bezel which minimizes the gap between the panels and making it look like one big canvas.

Video wall technology has had a significant impact on all companies, regardless of industry, in today's interconnected world. It is the ideal tool for conveying information in a variety of settings including but not limited to:

- | | | |
|--|--|---|
| Corporate Workspaces
Conference rooms, advertisement, control rooms. | Educational Institutes
Classrooms, Auditoriums, Libraries. | Passenger Terminals
Airports, railway, bus station. |
| Financial Institutes
Banks and stock exchanges. | Health Care
Hospitals and personal clinics. | City Surveillance
Security, traffic flow. |
| Public Spaces
Parks, play lands. | Shopping Malls.
Corridor, Exhibition Halls. | Restaurants
Outdoor and Indoor. |

The video walls have several key benefits including “High definition (HD) displays, consistent brightness, exceptional image quality and impressive color calibration, lower cost, higher lifetime and acquire limited space. Nonetheless, flexibility of customization in screen quantities and centralized display / control makes it user-friendly.

Video walls are available in a wide range of sizes typically with a screen diameter between 46” and 55” and variety of bezel sizes 0.8mm, 3.5mm. The choice of the screen size depends on the user requirement based on typical content and the viewing distance. For example, a 4K video wall requires 4 Full HD screens in a (2 x 2), (3 x 3) or (4 x 4) setup. However, it can be customizable according to requirements but the complex arrangements of these multiple screens may also require specialized devices and for that we offer video wall Controllers and decoders which allows taking one or more input sources, splits the content for delivery to multiple displays, and allows users to control the configuration or content on their video wall.



Main Features

(Bezel-to-Bezel) designs for immersive experiences

Videonic ultra narrow bezels delivers free of visual distractions for crystal clear and seamless viewing experience delivers immersive content on multiple screens.



Daisy Chain function

Videonic offers hassle-free, cost-effective solution via daisy chaining technology, which allows you to connect all the screens in series via single input device.



Achieve 4k compatibility

With a 4K source, you can obtain spectacular Ultra High Definition quality across your video wall configuration without the need for an extra matrix controller.



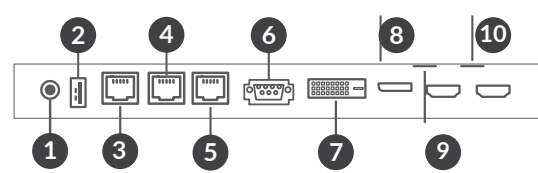
IR Control

Easy to use, can be used through the remote controller to operate.



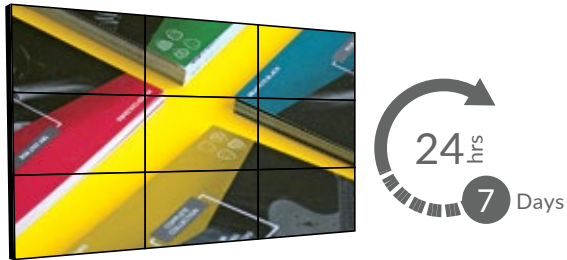
Supports multiple inputs

Offering vast range of video inputs such as, USB, AV, VGA, DVI and HDMI



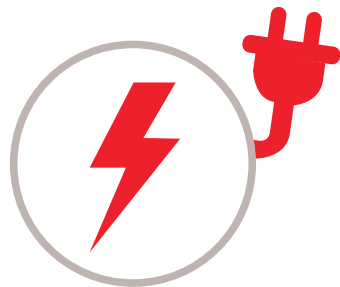
24/7 Commercial Grade panels

Commercial grade LCD panels are installed and have a lifespan of over 60,000 hours of continuous usage.



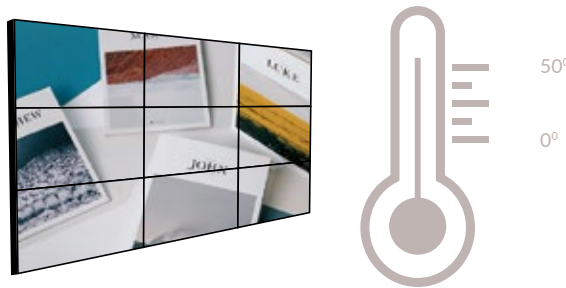
Low power consumption

High quality backlight technology provides improved brightness and contrast with minimum power consumption.



Temperature control

A fan less cooling system maintains the ideal working temperature for the panels and other internal components, delivering a long and dependable life for your screen.



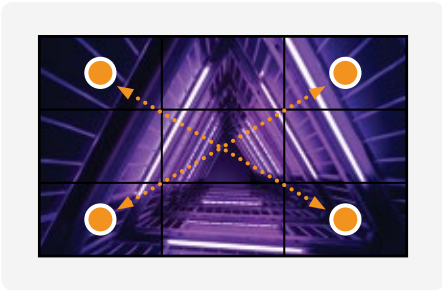
Power timer

The eco-friendly power timer allows you to assign daily or weekly on and off times for your screen meaning that it is only in use when it needs to be; improving your environmental efficiency.



Optimal color uniformity

Multi-step fine-tuning calibration technology ensures near-perfect visual presentation and optimal color uniformity.



Reliable performance

A reinforced composition of Dany's video walls allows for uninterrupted performance regardless of the surrounding conditions.



Total solution approach

All in one UHD Signage Player Box and configurable wall mounting system make installing and operating a video wall display as easy as possible.

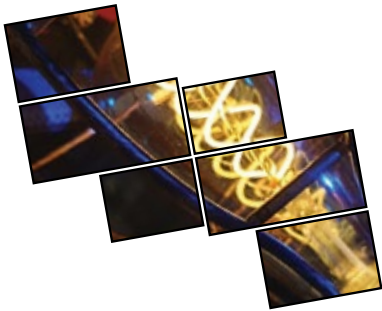
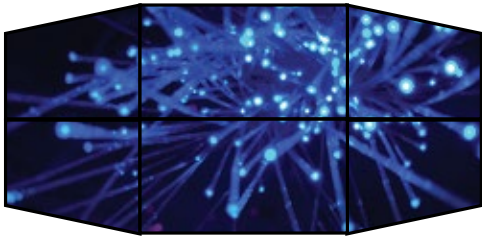




Advantages

Customized size and shape

The video wall can be reconfigured. It provides high flexibility in both shape and size configurations because there is no limit to how many screens can be added to the system as long as there are sufficient installation spaces.



Enhance Employee work productivity

The display size allows for large amounts of data or information to be shown to a room full of employees. When new information becomes available, the entire workforce can respond as one. This increased collaboration allows you to meet your goals and meet your deadlines.

Usage flexibility

Using a video wall makes it simple to manage, edit, and control constantly changing content, including advertisements, graphics, news, dashboards, and any other information. Without changing the displays, video walls can expand in size by simply adding more units to the video wall to expand the display view.



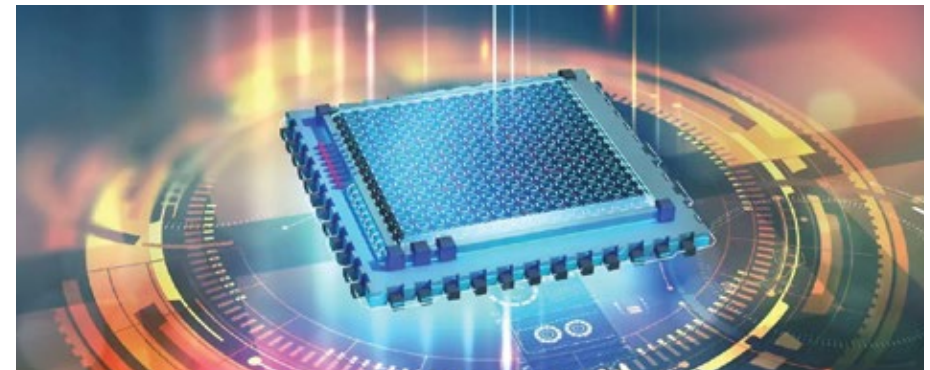
High processing speed

Video walls offer high-speed processing where it takes milliseconds to process content, be it images or videos, on the screen. These powerful systems are known as the video controllers. These video controllers improve the performance of the video walls.



Easy to install and quick maintenance

Video walls are very easy to install, maintenance is hassle free and very rare chances of malfunction. Besides, with the high quality press-eject brackets, Video wall screens can be easily replaced without taking out all the screens, this saves labor works and cost.



Specification Table					
Video Wall Dsplay Specifications	LCD Technology	LG / BOE / INNOLUX	Accessories		
	Active Screen Diagonal	45 Inches / 55 Inches / 65 Inches	Accessories included	1	Quick setup guide
	Total Bezel Width (optional)	0.8mm / 1.7mm / 3.5mm		1	Warranty card
	Backight System	WLED		1	Power cord
	Brightness	500 - 700 nits		1	HDMI CABLES, RS 232
	Contrast	1100:1	Accessories optional		CONNECTIVITY CABLES, SOUND BAR, REMOTE, VIDEO CONTROLLERS
	Refresh Rate	60Hz			
	Response Time	< 6ms	Standard Packing		
	Life(hrs)	> 60,000 (hrs)	Package		"WOODEN PACKAGE FLIGHT CASE (OPTIONAL)"
	Surface	Hard coating , Anti-glare			
	Power Supply	AC 100 - 240 V, 50/60 Hz	Weight (KG)	Net weight	25 (KG)/PC
	Operation hours	24/7		Gross weight	27 (KG)/PC
	Application Area	Indoor/Semi Outdoor	Quality Standard		ISO9001,CCC,RoHS,FCC
	"Power consumption [W/h]"	Max	227W		
Sleep mode		less than 0.5W			
Operating condition	Temperature	0° C ~ 40° C			
	Relative Humidity	10~80%			
Daisy chain video wall controller Inputs, Outputs & Features	DVI-I DUAL LINK	1			
	HDMI	1			
	VGA	1			
	RS232 IN	1			
	USB PORT 2.0	1			
	RS232 PORT	1			
	RJ 45 PORT	1			
	IR IN	1			
	Color System Support	PAL/NTSC/SECAM			
	Control Type	Remote Control			
	Menu Language	Chinese,English,multi language			
	Orientation	Vertical and Horizontal Display			



Videonic Is Best For Education



Videonic Is Best For Corporate

VIDEONIC CONTROLLER

Experience the best features of video controller with seamless switch, video wall function, EDID management, audio breakouts and resolution can up to 4k30Hz with scaling functionality and HDCP compliant.

FEATURES

- The resolution can up to 4K@30Hz inputs and outputs with scaling function.
- Supports seamless switching, no black/blue screen during the sources switch.
- Supports the video wall function and bezel corrections
- Supports the 3.5mm audio embedded and de-embedded
- Supports smart EDID management
- Supports RS-232 and TCP/IP Control(WEB GUI, APP), IR remote control
- Supports the push buttons control with blue lights
- Supports to rename the inputs and outputs
- Supports up to 20 scenes



- HDMI/SDI/DVI/VGA Cable
- LAN, rs232, CAT5E/6 Cable
- Audio Cable

MIXER



4 OUTPUTS



HDMI 8 INPUTS

4 OUTPUTS

HDMI
VGA
SDI





USAGES OF VIDEO WALL

Video walls enhance the way your business communicates but also improves the productivity of office. Companies can share updates and key performance indicators for their employees, display important alerts, sharing weekly performance reports, motivational quotes and much more endless benefits.



Conference Rooms

In companies, conference rooms are key spaces for important conversations, business meetings, strategies discussions and making important business decisions.

To improve communication and help the decision-making process in these environments, video walls with high-resolution 4K LCD displays provide your team the best possible clarity when presenting data and information.

Control Rooms

Control rooms require video wall systems that can support monitoring, maintain communication and dynamic business needs. Employees in control rooms and crisis management centers can simultaneously watch multiple sorts of data and navigate through complex data. Improved data visibility speeds up real-time decision-making in a critical environment by enabling information integration.



Wireless Presentation

Video walls play an important role in sharing information, it makes user friendly and collaborative working environment when presenting the content or any idea by allowing multiple devices connectivity on multiple screens to a common platform.



Banks

“Improve the experience of banking”

The deployment of video walls in the banks provide customers relevant information, show current offers and promotion of banking products and services, currency exchange rates, display banking procedures, banking timings and much more only at single large screen. This not only saves the time for the customers and employees but also strengthen the brand image.

Educational Institutes

Video walls can have a significant and diverse role within educational institutions. Universities, colleges, schools, and technical institutions are all finding innovative and effective uses for video walls on campuses.

Video walls can be used in educational institutes to create dynamic content, announcements and emergency alerts, engage students and staff, showcase and celebrate students' performance, helpful in providing trainings, research and development activities, optimize communication at campus all this can be done on large screen by combining multiple screens.





Health Care and Hospitals

Doctors, patients and hospital staff, and visitors can be very pleased by the deployment of video wall at the hospitals. Video walls can play a role of sharing information and navigation to all the visitors, digital monitoring of all patients on a single screen, emergency alerts, and telling stories of donors. Visitors and patients in a waiting room often experience anxiety, boredom. Video walls in hospitals serves as an effective communication in lobbies, waiting rooms, facility visitors, families and friends of patients, visiting staff which ensures stress-free as possible important to their health and wellbeing.

Airport, Railways Stations, Bus Stops

At the places with high traffic of travelers like Airports, railways, bus stops, travelers may find it difficult to stay informed about travel status, arrivals, departures, delays, and timetables. A video wall is an excellent way to communicate and displaying travel information.

Furthermore, such crowded areas can serve as a hub for advertising opportunities to generate revenue through the use of video walls, all while keeping passengers engaged. Displays on latest generation video walls can be configured in innovative shapes and arrangements to display advertisements and branding.







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