



VVS Tech's revolutionary LED video wall controller

Changing the way we see things...



by **V.V.S Technologies** on July 07

Meet VVS Tech's revolutionary LED Video Wall Controller – a product that exemplifies innovation, scalability, and cost-effectiveness.

Introduction:

In an era where the visualization of information has become critical, our solution stands out with its ability to handle resolutions as high as 11,520x3240, and even scaling up to 16K outputs using synchronized multiple display cards. It's not just about the size – with our product, you can manage display walls of any size or multiple displays as a single canvas, which gives you unparalleled flexibility.



Key Features of VVS Tech's LED Video Wall Controller

****Universal Compatibility****: Our controller is compatible with any size and any configuration of LED video wall. No matter the size or pixel density, our product can handle it.

****Modular and Scalable Design****: We have a unique topology, dividing the control system into four major components that work together seamlessly: the Server Software, Comm, Composer, and Simple Remote. Each component is installed on its own but can communicate with all other parts, providing an efficient and highly scalable system.

****Exceptional Resolution****: Our system can handle up to 11,520x3240 resolution, with the capability to scale to 16K outputs using multiple display cards with synchronization. Our feature that syncs playable content across multiple controllers allows us to manage any size display wall or multiple displays as one canvas.

****Multiple Input Sources****: The controller supports multiple direct inputs via capture cards, along with support for a variety of streaming protocols like RTSP, RTMP, HLS, UDP, RTP, HTTP. This means we can display practically any type of content from any source. Including Edge or Chrome windows Text, RSS, QR Codes, Animation, Images and more.

****Preset Configurations****: We have a unique preset function that allows users to save multiple source settings. These saved presets create a button on a touch remote software that can be easily accessed to quickly load and display these sources.

****Remote Control Capabilities****: Our product comes with a management application which can be installed anywhere, allowing users to control their LED video wall from any location with a variety of connection options such as internet/local LAN, serial connection, Bluetooth etc.

****Real-Time Adjustments****: The system allows for real-time adjustments to display settings, making it perfect for dynamic environments like concerts, exhibitions, or sporting events.



****High Performance****: Our controller is designed for high-speed, low-latency operations ensuring a smooth, high-quality visual experience.

****Scalability****: With our controller, you can start small and expand your setup over time. It's perfectly suited to both small and large scale installations.



****Sleek User Interface****: We offer a clean, intuitive user interface on our control software, making it easy for anyone to use.

****High Availability****: We also offer a standalone watchdog software to ensure the system and relevant processes are always running, ensuring high availability and reliability.

****Competitive Pricing****: Our pricing strategy is competitive. Based on the number of inputs/outputs and the robustness of the controller, we are more affordable than high-end competitors but offer superior capabilities to regular video wall matrices.

These features make VVS Tech's LED video wall controller a leading solution in the market, providing high-resolution displays, versatility, scalability, and ease-of-use at a competitive price. With exceptional support and training, customers can be confident in their investment.



‘Behind The Wall’

The Thoughtful, Modular Design

What truly sets us apart is the thoughtful, modular design of our system. The control system is divided into four key components, each serving a unique purpose, but when combined, they create a highly efficient and scalable system. The Server Software, a 'node' that plays the content, is complemented by Comm, our master communication software that simplifies connection and user management, eliminating the need for tedious individual IP setups.

User-Friendly Interface:

The user-friendly Composer software acts as the graphical interface of our system, making it effortless to manage the display and create presets for different scenarios. Further streamlining operation is our Simple Remote software, which puts control at your fingertips with an intuitive interface that presents saved presets as easily accessible buttons.

Reliability & Performance :

With VVS Tech, reliability takes center stage. Our standalone watchdog software ensures the system is always running, even in the most demanding circumstances. Constructed from professional-grade components, our controllers deliver consistent high performance.

Affordability & Comprehensive Support:

While we offer cutting-edge technology, we understand that affordability is key. That's why our pricing strategy, based on the number of inputs/outputs and the controller's robustness, offers superior value than that of high-end competitors. Yet, it's not just about selling a product – we believe in providing comprehensive support. We extend installation services and training for other companies' employees, backed by service agreements and product warranties. Additionally, we work closely with our customers to understand their needs and provide customized presets to fit their specific requirements.



Conclusion:

With VVS Tech's LED Video Wall Controller, you're not just buying a product – you're investing in a solution that offers unrivaled resolution, scalability, simplicity, and cost-effectiveness.



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