



Video Walls Made Easy.

GridVue offers the worlds best visualization and AV Distribution solutions for control rooms, collaboration rooms and digital signage.

GridVue offers high quality video wall processors and video wall management softwares for your video walls. Powered by Matrox, we offer the most flexible and user-friendly way to distribute and display any source onto any display. With a full-featured management software, our solutions give complete control to route content in control rooms, collaboration rooms and corporate signage.

Easy to use, control everything and customized to your exact need. That's what GridVue helps control room operators achieve every day. We have been building control room visualization and collaboration solutions since 2001 for a variety of industries. With over 2000 customers, we are capable, more than ever, to help you build your next video wall or control room.

Our experienced advisors can help you design a complete control room eco-system including video walls, KVM, Video distribution over IP, etc. Having many years of experience in command and control rooms, we understand projects have different needs and we are able to customise our solution to fit into exactly what you need.



**Software
Leadership**



**Hardware
Leadership**



**Integration
& Support**

Multiple Source Types

Capture sources such as cameras, media players, desktops etc. using capture card options in HDMI, DP, SDI, and H.264.

Flexible and Scalable

Expandable solution with option to add both input and output boards with multiple connectivity options in the future.

Web-Based Management

Manage and control the system with any standard browser from anywhere on the network. No software to install.

Any Video Wall

Whether you have an LCD, LED, projector or Cube, our controllers can offer multi-display connectivity to any video wall.

Multiple Video Walls

Ideal for companies with multiple video walls in a campus or across several campuses. Our video wall + video over IP solutions can help you connect to multiple rooms and sites to share content. Everything is configured and managed via our easy to use management software.

Any Content, Anywhere

Combine our video wall controllers with the Matrox MaeveX series encoders and decoders to build a complete AV over IP solution. We are trained and authorised by Matrox to build and support these solutions.

Drag and Drop

Capture, manage and display content from multiple sources, and display on any video wall simply using a drag and drop. Layouts can be created and saved to recall with one click.

User Management

Administrators can fine-tune permissions to individual users or groups with or without Active Directory. Access restrictions can be set on layouts, sources, floors, zones, and displays.

Redundant Controllers

Industrial chassis engineered for 24/7 reliability and ease of use, our video wall controllers are in use in the most demanding environments such as crisis response rooms, oil & gas control rooms, and other command centers .

GRIDVUE VIDEO WALL SOLUTION WORKFLOW



Powered by
matrox

APPLICATIONS

Command & Control Centers



Security



Broadcast



Traffic Management



Digital Signage



Telecom



GRIDVUE VIDEO WALL CONTROLLERS

GridVue controllers are high performance video wall processors for control rooms, collaboration rooms and digital signage. Our video wall controllers are being used by government organisations, transportation authorities, utilities, emergency responders, IT and security professionals every day.

We understand that no two projects are the same. That's why we offer you the freedom to choose exactly what you need. Depending on your application, we can offer you a custom designed controller for your application.

	GV-C427	GV-A427	GV-S427	GV-G714
Image				
Form Factor	4U			5U
Power Supply	8575W Redundant PSU	800W Redundant PSU	800W Redundant PSU	1550W Redundant PSU
System Memory	32GB			32 - 64 GB
CPU	Intel Xeon Quad core 3.6 GHz or Intel Xeon 12 core 3.5 GHz	Intel Xeon Quad core 3.6 GHz or Intel Xeon 12 core 3.5 GHz	Intel Xeon Quad core 3.6 GHz or Intel Xeon 12 core 3.5 GHz	Intel Xeon 8-core 3.30GHz Intel i7 8-core 2.6 GHz
Backplane	7 x PCI Express x16			14 x PCI Express slots
Storage	2 x 500GB SSD RAID 1			
Max Outputs	16 x 4K (DP, HDMI) or 64 x Full HD (HDMI)			
Resolution	4096x2160@60Hz per output			
Max Inputs	24 x 4K (Mini HDMI, SDI) 12 x 4K (DP)			52 x 4K (HDMI, SDI) 26 x 4K (DP)
Resolution	DisplayPort up to 3840x2160 and 4096x2160@60Hz, HDMI up to 3840x2160@30Hz up to 3840x2160@60Hz (4:2:0) 4096x2160@60Hz (4:2:0), 4096x2160@30Hz, SDI up to 3840x2160@60Hz (4:2:2)			

	GV-C427	GV-A427	GV-S427	GV-G714
Image				
Max IP Streams	96 x 1080p30 24 x 4K30			208 x 1080p30 52 x 4K30
Resolution	4x 4Kp30 / 16x 1080p30 / 8x 1080p60 / 48x D1 per encoding or decoding card			
Stream Formats	Protocols: RTSP, RTP, MPEG-2-TS, SRT; Distribution: unicast & multicast; Codec: H.264 (MPEG-4 Part 10 AVC) up to Level 5.2; Profiles: Baseline, Main, High, High 10, High 4:2:2, High 4:4:4 Predictive Profile Separate Plane			
Encode/Record	Encoding and recording of input sources and area of interest of the video wall Maximum 4K per source encoding or an area encoding			
Network	2 x 10 Gigabit LAN			
OS	Windows 10 Pro 64bit			
Operating Conditions	Temperature 0-35°C (32-95°F) / Humidity 20%-80%			
Rack	19" Rack Mountable			
Dimensions (WxHxD)	430x176x563 (mm)	483x222x670 (mm)	437x178x521 (mm)	483x222x670 (mm)

GRIDVUE VIDEO WALL MANAGEMENT SOFTWARE

GridVue video wall management software provides users with an easy and efficient way to manage your video walls.

Available in multiple versions, we have customized the software to fit the key requirements for the user, administrator in-charge, or a guest who wants to share content to the video wall.



KEY FEATURES

- ✓ Web Based Management - Manage and control your video wall from any standard browser on the network. No additional software to install.
- ✓ Source Management - Position, scale, clone, crop, label and color code inputs.
- ✓ Preview source before placing them on the video wall.
- ✓ Quick Access buttons to access frequently used actions.
- ✓ Integrate with Active Directory and retrieve logs of all actions.
- ✓ Wall Division - Divide your large video wall into multiple sections to split video wall access between multiple users.
- ✓ Layout Management - Create, save, rename, schedule, copy and delete layouts.
- ✓ Manage multiple video walls from one place.
- ✓ Dark Mode - Ideal in 24/7 operating control rooms.
- ✓ User Management - Create users and assign permissions and restrictions to each user.

SPECIFICATIONS	GRIDVUE STANDARD	GRIDVUE ADVANCED	GRIDVUE PREMIUM
Part Number	GridVue-Standard	GridVue-Advanced	GridVue-Premium
Supported Video Wall Platforms	D-Series + IPX Capture Cards		
User License	Single / Multiple User	Unlimited Users	
Layout Management	Drag and Drop Management to Create, Position and Resize Windows. Save, Preview, Apply, Copy and Delete layouts. Ability to set z-order value of each window		
Source Management	Create, Rename, Edit and Delete. (Hardware captured Inputs, IP, HTML5, VLC, PowerPoint Viewer, VNC, Image, Google Chrome, Internet Explorer and Third Party Applications)		
SoftKVM	Via VNC or to Control Web Pages		
Client Capture	✘	GridVue Client Capture or VNC	
Streams	Decode/Encode Support for IPX cards		Decode/Encode Support for IPX cards and share streams between Maevox Encoders/Decoders
Audio Management	Yes (Only one audio channel can be played out at any given point of time)		
User Management	✘	Manager Users, Groups, and Rights	
Wall Division	✘	✓	✓
Integration with Maevox/Extio*	✘	✘	✓
Preview Surface	✓	✓	✓
Active Directory	✘	✓	✓
Logs	✓	✓	✓
Application Control	VLC (Volume + Play/Pause), IE (Mouse + Keyboard), VNC (Mouse + Keyboard), and PPT (Previous/Next Slide + Play/Pause Slide Switching)		
Video Wall Detection	IP Address		