

PRIME VIDEO WALLS



Powerful Video Walls made easy



Natively integrated with CAMIO®, ChyronHego's MOS-driven, template-based graphics asset management solution, PRIME Video Walls allows producers and journalists to browse, fulfill and preview pre-defined templates for studio wall graphics directly from the newsroom system.

Synchronizing virtually unlimited number of pixels to multiple outputs, a single channel of PRIME Video Walls is powerful enough to deliver unique presentations to four individual monitors or have graphics spanning monitors. Our versatile sub-channel technology allows clients to define custom-sized areas of a larger output channel and playout graphics to any position on any of the screens in any order.

KEY FEATURES

STUDIO DISPLAYS

Heighten audience engagement and viewership with spectacular graphics and video content across multiple high-resolution, non-standard studio displays with native support for HDR and UHD/4K.

3rd PARTY DESIGN INTEGRATION

Tight integration with renowned best-of-breed design tools, including Adobe® Photoshop, Autodesk™ FBX® with 3D virtual cam and Adobe® After Effects with direct mapping (UV Maps Clips) of a 2D image to a 3D model surface

WORKFLOW EFFICIENCY

Base Scenes, PRIME's template-based graphics creation feature, allows a single base scene to be used by any number of other scenes for workflow efficiency. With full access to all elements of the base scene (conditions, events, triggers, data-binding, etc.), a designer can make full-package changes made in minutes instead of hours!

DATA

PRIME Video Walls' powerful data-binding to scene elements enable easy visualization of data for showcasing real-time events as they unfold for election coverage, gameplay analysis and more.

DRAG -AND - DROP

No need to learn complex scripting languages to perform basic design tasks, with the built-in functionality of the Expression engine and Drag-and-Drop editor. The solution also supports LUA, VBScript, JScript and C# and other languages for more complex actions.

TECHNICAL SPECIFICATIONS

PRIME GRAPHICS PLATFORM | PRIME VIDEO WALLS

RESOLUTION	16 bit color, full 10 bit on SDI, 10 bit HDR on SDI. HDR (Hlg, SLog 3), 4K
FORMAT	SDI, Display-Port, DVI
NUMBER OF INPUTS/OUTPUTS	up to 8 HD-SDI bi-directional connections (inputs or outputs, V or K) / up to 4 in/4 out IP 2110/2022-6 up to 4 GPU outputs (DisplayPort)
GENLOCK	Bi-level, Tri-level
GPI I/O	Optional 16 I/O (8 in/8 out)
AUDIO	AES Inputs: 4 AES3id for 8 mono tracks AES / Outputs: 4 AES3id for 8 mono tracks AES Connector
EMBEDDED AUDIO	SDI Input: 16 per channel – Up to 32 channels embedded SDI Output: 16 per channel – Up to 32 channels embedded SDI
SERIAL CONNECTIONS	(2) DB9 RS232 Serial Ports. 2 RS232 to RS422 (Converters Included)
ETHERNET PORTS	2x 1G
NRCS	MOS Connection to Dalet, Avid iNEWS, AP ENPS, Octopus, OpenMedia, more available via CAMIO integration
AUTOMATION	CII, Ross Talk, VDCP, PBus, Oxtel
DATA CONNECTION TYPE	ChyronHego's NewsTicker™, Chyronhego's SHOUT™ social media, Text Files, XML with XPath and XSLT, RSS, Web XML, JSON, EXCEL Access, any ODBC compliant data source, AP Web Feed, Google Sheets
DIMENSIONS	H - 3.5 in (89 mm) x W -17.2 in (437 mm) x D- 24.8 in (630 mm)
INTERNAL STORAGE	Lower Tier: System - 2 x 200 GB SSD (RAID 1) / Media Drive - Up to 4 x 800 GB SSD (RAID 5, 2TB usable) Higher Tier: System - 2 x 200 GB SSD (RAID 1) / Media Drive - Up to 4 x 400 GB SSD (RAID 5, 1TB usable)
POWER REQUIREMENTS	AC Input / 100-240V, 60-50Hz, 9 Amp Max / 3.2 Amps @ 120VAC Typical
OPERATING SYSTEM	Windows 10 Enterprise 64 bit

SERVICES

ChyronHego is known for its end-to-end customer service. We partner with our customers from the initial project design, to project management, training, on-air launch support and post-launch follow-up.

PROJECT MANAGEMENT AND COMMISSIONING

Project Management and Commissioning are part of the turn-key services that we offer. This ensures your investment is properly installed from Day One by a certified ChyronHego representative.

DESIGN AND OPERATION TRAINING

We offer Design and Operation training, either in your facility or via our on-line web portal. Our expert trainers can teach your staff the most efficient way to create and deliver stunning content for your productions.

EXTENDED WARRANTIES

Finally, all ChyronHego products come with a One (1) year factory-backed warranty (parts, labor & software upgrades). Extended Warranties on all your purchases can be added at any time for an annual fee. Please contact our sales professionals.

ABOUT CHYRONHEGO

ChyronHego is ushering in the next generation of storytelling in the digital age. Founded in 1966 as Chyron, the company pioneered broadcast titling and graphics systems. With a strong foundation built on over 50 years of innovation and efficiency, the name Chyron is synonymous with broadcast graphics. ChyronHego continues that legacy as a global leader focused on customer-centric broadcast solutions. Today, the company offers production professionals the industry's most comprehensive software portfolio for designing, sharing, and playing live graphics to air with ease. ChyronHego products are increasingly deployed to empower OTA & OTT workflows and deliver richer, more immersive experiences for audiences and sports fans in the arena, at home, or on the go.

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