

ARENA 4706

Video and Data Wall Controller

TECHNICAL SPECIFICATIONS

Outputs

- Up to 24 Full-HD outputs
- Up to 8 UHD outputs
- HDMI/DVI/DP interfaces

Inputs

- Analog Composite PAL/NTSC
- Analog VGA/Component
- Digital - DVI/HDMI/3G-SDI
- 1080p60 or 1920x1200p60
- 4K support
- Video over IP (GbE)
- Stored content playback
- Remote Desktop over IP

Video Processing

- HD/SD encode/decode (HW)
- Up to 1080P, 30b/pixel
- Video (MPEG-2/4, H264, VC1)
- Up/Down Scaling
- Post Processing
- High Resolution 2D/3D Images

INFORMATION

For more information on any of our products or services please contact:

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or visit our Web at:

www.nvusystems.com

The Arena 4706 is a video and data wall controller that offers a great cost-effective solution for up to twelve screens, multi-window display of any visual information.

This embedded platform fits into mission critical environment that requires media processing and monitoring of multiple diverse sources, connected via various networks.

Arena architecture combines the benefits of high quality, uncompressed video capture with the flexibility and convenience of network-based video distribution and sharing.

The controller provides high I/O port density for reduced space and power consumption.



Features and Benefits

- Embedded system in 4U chassis
- Based on Windows 10 Pro, 64bit OS
- High performance up to PCI-Express Gen 3.0 bus
- Multiple and flexible display configurations
- High density - Up to 6 input capture cards
- Video and Remote-Display over IP network
- Intuitive setup and control
- Open XML API for platform monitoring and control
- Remote user options
- Security attributes
- HDCP support



Main Chassis

- Rackmount 19", 4U
- Intel Xeon processor
- 1TB HDD (RAID storage optional)
- 7 x PCIe slots
- 2 x RJ45 GbE LAN ports
- 6 x USB
- RS232 serial interface
- Dimensions: 6.81"(H) X 17.24"(W) X 26.9"(D)
- Any Display control over RS232 or Ethernet

ARENA OPERATION MANAGEMENT- WALLBRIX

Arena Operation Management is a software application that provides complete configuration and control of the visual information being received, processed and displayed on the wall. It enables source selection and rendering into any displayed window, display layout selection and configuration. It is designed to fully exploit the uniquely powerful and flexible Arena architecture.

It can be accessed locally via VGA connected display or remotely through the network from any connected PC. In addition WallBrix SDK and XML APIs, enable easy integration with 3rd party control systems.

SERVICES AVAILABLE

- Planning & Consultation
- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Extended Warranty

NOTE: The Specification may change without notice.
The actual products sold are different from areas. Please check the detailed Specification with your local dealers

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