

## **New Generation Plug and Play VideoWall Controller**

***MANY INPUTS. MANY OUTPUTS. FASTER VIDEO  
STREAMING***



With its's flexible features and easy to use Control Software you can manage and display various kinds of sources on your VideoWall.

Wall40 controller is designed to work 24/7 with redundancy and hot-plug capability features.

Can be used small-scale single-board systems for conference and classroom presentations, or medium-sized and larger multi-board configurations for process control, security, or traffic management corporate environment, or public venue.

Capture DVI, HDMI, RGB, Component, S-Video and Composite video on the same board

Separate boards are available to capture SDI feeds

Dedicated NTSC/PAL/SECAM capture boards support 8 or 16 channels each

Capture and scale HDCP content from sources such as external Blu-ray players, set-top boxes, and video game consoles

Compensate for display bezels for more realistic video presentation across multiple screens

Simplify multi-projector edge blending by adjusting the number of overlapping pixels between edge blending projectors to create seamless, unified images (Edge Overlap)

Access a Windows desktop to run local applications.

External applications such as VLC, Internet Explorer, PowerPoint Viewer and Image Viewer.

## Inputs

Up to 40 Inputs

- SL-DVI: 1920x1200 @ 60Hz; 2560x1600 @ 30Hz
- RGB (VGA): 1920x1200 @ 60Hz; 2048x1536 @ 47Hz
- Component (YPbPr): 1080i
- S-Video: NTSC/PAL/SECAM
- Composite: NTSC/PAL/SECAM
- IP Streaming Input: Max 10 HD 1080p/14 HD 720p/20 SD (up to 20 HD 1080p/28 HD 720p/40 SD optional)
- Including MPEG-TS, TCP/RTP UDP/RDP Unicast and Multicast Streams
- Capture and use as source of computer desktop using an IP address(MAC OS X, Windows, Linux, Solaris, HP-UX, AIX)
- HTML5
- External applications such as VLC®, Internet Explorer®, PowerPoint® Viewer and Image Viewer (scaling, audio control etc.)
- SDI 1920x1080 @ 60Hz (optional -please specify when ordering)

## Outputs

Up to 40 HD displays

DVI: 2048x1152 @ 60Hz

RGB (VGA): 2048x1536 @ 60Hz

Audio Cards for Videos and IP Streams

## General Specifications:

### Dimensions

Industrial short-depth 4U rackmount chassis

h178 x w482 x d452 mm

### Power Supply

665W AC-DC power supply

100 - 240V, 50-60Hz, 10-5 Amp

600W Redundant Power Supply (optional)

Per Module ;

Typical : 37.5W MAX : 43.5W

### System Cooling

Hot-Plug 1x front 9cm Intake cooling fan

Hot-Plug 2x rear 8cm Exhaust cooling fans

### Operating Temperature

0°C ~ 45°C

20% ~ 80% (non-condensing) humidity range

### Storage Temperature

-40°C ~ 65°C

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Telnet-based network API over Ethernet or RS-232

Crestron, AMX, Samsung Tablet Integration

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## Software

### Operating Systems

Windows7 64bit Professional.

<sup>1</sup>Windows 8.1 / 64Bit

<sup>1</sup>Windows 2012 R2/64 Bit

Windows Server 2008 R2 (Optional)

Management: 4TheControl Controller Software

### Hardware

CPU: INTEL Q87 i7 3.1ghz

Memory: 2 x DIMM, 8GB, DDR3 up to 16GB

Hard Disk: 1 x <sup>2</sup>120GB SSD (standard)

Drive Bay 5x 3.5" hot-swap standard (8x 2.5" SAS/SATA Hot-swap Drive Bays; kits)

Support Raid 0, 1, 5, 10 (optional)

Optical Drive: DVD R/W (optional)

### VideoWall Module:

Memory 2GB

PCI Express x16 – 64 Gbit Data Transfer

### Network:

2 x Gbit Ethernet standard

<sup>1</sup>Supported in certain models only.

<sup>2</sup>RAID 1 available.



**WALL40**