

## VIDEO WALL CONTROLLER SOLUTIONS

Advanced Graphics Display Technology



### + FLEXIBLE VIDEO WALL CONTROLLER

Datapath's VSNMicro 600 platform is a bespoke video wall controller that is ideal for command and control deployment where server room space is non-existent or highly limited.

The VSNMicro 600 platform is fully customisable with options available for different Intel® processors, hard drive sizes and specifications, memory configurations and software choices.

The system has a small footprint and has been designed to be very quiet - for deployment in areas that would not support a standard sized wall controller chassis.

### + FEATURES

The VSNMicro 600 platform comprises a high performance enterprise grade motherboard which is connected to Datapath's Express6 PCIe backplane. The backplane contains six half length PCIe slots for use with Datapath's range of cards. Considerable engineering expertise has been applied to the VSNMicro 600 series to ensure that it is as quiet as possible, making it suitable for use outside of a server room and in more public areas.

Compatible with Datapath's portfolio of Vision capture, Image graphics and ActiveSQX IP decoding cards, customers can build systems that include a large number of video inputs and IP streams that can quickly and easily be delivered to a large, multi-screen video wall.

## + CUSTOMISATION OPTIONS

VSNMicro 600 is available with a range of options including a high performance industrial grade motherboard, Intel processors, DDR4 memory and ATX or RPSU power supplies.

Datapath's range of half length cards are suitable for using within the VSNMicro 600.<sup>1</sup>

Datapath have defined a standard configuration, however customers are invited to order upgrades to their system to increase processor performance, on board memory and the size and number of solid state hard drives within the system.

For further details please contact your Datapath sales representative.

## + WALLCONTROL 10

Datapath's VSNMicro 600 system is compatible with Datapath's WallControl 10 software. WallControl 10 allows users to quickly and easily place video sources anywhere on the video wall. Common arrangements can be saved as layouts for recall at any time. Any section of the wall can contain a "carousel" of videos, playing one after the other at definable intervals.

Administrators of WallControl 10 are able to configure a single system to drive multiple walls. Each of these walls can be assigned a number of user roles, and each user role can allow different access to sources, local videos, layouts and templates.<sup>2</sup>

## + PRODUCT ORDERING

The following products are available to order:

### VSNMicro 600-ATX

Standard configuration with ATX power supply

### VSNMicro 600-RPSU

Standard configuration with RPSU power supply

Customers wishing to customise their system configuration should do so at the time of order.

## + SPECIFICATIONS

<b>Backplane</b>	Datapath Express6: Six PCIe Gen3 slots x8 offering up to 8GB of bi-directional data transfer
<b>Motherboard Specifications</b>	Industrial motherboard 3 x DisplayPort control screen Outputs: 4 x USB 3.0 Ports 4 x USB 2.0 Ports 2 x Intel Gigabit Ethernet Ports
<b>Processor</b>	Intel Core i5 (fitted as standard) 6M Cache, up to 3.6GHz Intel Core i7 (optional upgrade) 8M Cache, up to 4GHz
<b>Hard Drive</b>	240GB SSD (fitted as standard) 480GB SSD (optional upgrade) Customers may upgrade to dual drives with RAID. Please confirm at time or order.
<b>Memory</b>	8GB dual channel DDR4 (fitted as standard) 16GB dual channel DDR4 (optional upgrade)
<b>Operating System</b>	Windows 10 LTSB <sup>3</sup>
<b>Power Supply</b>	ATX 500 watts 110 - 240v RPSU 500 watts 110 - 240v
<b>Operating Temp</b>	0 to 35 deg C (32 to 95 deg F)
<b>Storage Temp</b>	-20 to 70 deg C (-4 to 158 deg F)
<b>Relative Humidity</b>	5% to 90% non-condensing
<b>Compliance</b>	FCC / CE / RoHS
<b>Dimensions</b>	Length Standard 380mm Height 176mm Width Standard 265mm
<b>Weight</b>	15 - 20kg (shipped 20 - 25kg)

<sup>1</sup> The following cards are suitable for use: within the VSNMicro 600: ImageDP4+, VisionSC-DP2, VisionSC-HD4+, VisionSC-SDI4, VisionSD8, VisionAV-HD & ActiveSQX.

<sup>2</sup> Multiwall and User Rights Management are only available with WallControl 10 PRO.

<sup>3</sup> Datapath systems are not compatible with Windows 10 Home edition.

We are continuously developing the technology used within our product ranges to deliver outstanding innovative solutions, therefore the specification may change from time to time.