DATAPATH
EXCELLENCE BY DESIGN

VIDEO WALL CONTROLLER SOLUTIONS
Advanced Graphics Display Technology

+ FLEXIBLE VIDEO WALL CONTROLLER

Datapath's VSN450 is a video wall controller designed for video wall and multi-screen display installations that require a balanced number of HD video captures and HD video outputs.

The VSN450 has been developed and optimised to operate with the latest generation of our world leading Datapath PCI Express graphics and video capture cards providing flexible solutions throughout the professional AV industry.

+ OUTSTANDING CORE i5 PROCESSING

The VSN450 incorporates a high performance ASUS motherboard complete with four, PCI Express slots. Each x16 mechanical slot has been configured for x8 electrical performance giving up to 8GB/s bi-directional bandwidth. The VSN450 also includes Intel's Haswell Core i5 (4570s) processor, offering 6MB of cache & up to 3.60GHz clock speed.

Compatible with the entire Datapath portfolio of Vision Capture and Image Graphics cards, the VSN450 can provide up to 16 HD outputs or 16 HD/ 32 SD inputs. Combine two ImageDP4 graphics cards and two VisionSC-HD4+ capture cards to create a video wall with eight monitors and eight capture channels.

+ COMPATIBILITY

The VSN450 has a ASUS motherboard to provide flexibility and suitability for the smaller, more compact, video wall project. The VSN450 is fully compatible with Datapath WallControl 10 software, a Microsoft Windows based application enabling easy configuration and set up of your video wall controller.

+ RELIABILITY

The VSN450 wall controller uses a high quality ASUS motherboard providing a high level of reliability. In addition, air flow management is optimised through the fan and chassis build.

Asus motherboards are EU Energy-related Products (ErP) ready, which requires products meet high efficiency standards with regards to energy consumption.

+ MODELS AVAILABLE

Order Code: VSN450-ATX
Controller chassis with 500 Watt ATX

Order Code: VSN450-RPSU
Controller chassis with 600 Watt RPSU

All products are shipped with the latest software available, unless stated otherwise. Special requirements may be organised by contacting our Sales team.

* Datapath systems are not compatible with Windows 10 Home edition.

+ SPECIFICATIONS

MOTHERBOARD

	ASUS high performance ATX motherboard
	Intel® Core i5 Haswell processor Clock speed 3.1 GHz Cache 8MB
Memory	16GB
Ethernet	Intel I210-AT 1 Gigabit LAN Dual RJ-45 connector with two LED indicators
On-board Graphics	Choice of DisplayPort or HDMI connection for control screen
RS232	For control via USB

DISK STORAGE

HDD	2 x Western Digital RED 750GB
	Enterprise Grade
	RAID 1 configured
Optical Drive	DVD/ RW combo drive

OPERATING SYSTEM

	Windows 7 Ultimate 64 bit

BACKPLANE

	4 x PCIe 3.0/2.0 x 16 (dual x16 or x16/x8/x8 or quad x8) Factory configured for 4 slots x8

POWER

	600 Watt RPSU or 500 Watt ATX

ENVIRONMENT

Operating Temperature	0 to 35°C (32 to 95°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
Relative Humidity	5% to 90% non-condensing
Noise	48.6dB (A) up to 67.9dB (A);

Dependent on system config. & ambient temp

DIMENSIONS

Length	500mm (including handles)
Height	175mm
Width	482.1mm
Weight	19 - 25kg (shipped 30 - 33kg)

COMPLIANCE

	CE/ ROHS

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

DATAPATH
EXCELLENCE BY DESIGN