

# VSN400

Video wall controller solutions



## VSN SERIES

### FLEXIBLE VIDEO WALL CONTROLLER

Datapath's VSN400 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 VSN400 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 for the professional AV industry.

### OUTSTANDING PROCESSING

The VSN400 incorporates a high performance COTS motherboard 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 VSN400 also includes Intel's 7th generation Kaby Lake Core i5 processor, with the option of upgrading the Core i7 processor where needed.

Compatible with all of the Datapath portfolio of Vision capture and Image graphics cards, the VSN400 can provide up to 16 HD outputs or 16 HD inputs. Combine two ImageDP4+ graphics cards and two VisionSC-HD4+ capture cards to create a video wall with eight monitors and eight capture channels.

Engineering the **world's best** visual solutions

  
**DATAPATH**  
EXCELLENCE BY DESIGN

# Advanced graphics display technology

## COMPATIBILITY

The VSN400 uses a COTS motherboard to provide flexibility and suitability for the smaller, more compact video wall projects. The VSN400 is fully compatible with Datapath WallControl 10 software, a Microsoft Windows® based application enabling easy set-up, configuration and management of your video wall.

The VSN400 is compatible with Windows 10 LTSC operating system<sup>1</sup>.



## UPGRADE OPTIONS

The VSN400 is provided in a standard configuration with upgrade options available for specific components. Available upgrades for processor and memory are outlined in the specification table.

## SPECIFICATION

### MOTHERBOARD

#### SBC

ATX motherboard with HDMI  
DisplayPort control screen

#### Expansion slots

4 x PCIe x8 Gen3

#### USB Connectivity

2 x USB 3.1 Ports  
(1 x type A, 1 x type C)

4 x USB 3.0 Ports

4 x USB 2.0 Ports

#### Ethernet

2 x Intel Gigabit LAN

### PROCESSOR

#### Standard

Intel Core i5

#### Optional upgrade

Intel Core i7

### MEMORY

#### Standard

32GB

### DISK STORAGE

#### Standard

2 x 240GB SSD (RAID configured)

#### Optional upgrade

2 x 480GB SSD (RAID configured)

### POWER SUPPLY

#### Standard

500w ATX

#### Optional upgrade

600w RPSU

### DIMENSIONS

#### Size

500mm (l) (including handles) x  
175mm (h) x 482.1mm (w)

#### Weight

19kg - 25kg (shipped 30kg - 33kg)

<sup>1</sup> Datapath systems are not compatible with Windows 10 Home edition.

All products are shipped with the latest software versions, unless stated otherwise. The specification stated is a minimum only. Higher specification systems may be provided without prior notice. Special requirements may be organised by contacting our Sales team.

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