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 10th generation Ice Lake Core i5 processor, with the option of upgrading the Core i7 and Core i9 processor where needed.

Compatible with all of the Datapath portfolio of Vision capture and Image graphics cards, the VSN400 can provide up to 64 HD outputs (with IQS4) or 16 4K outputs. Combine two Image2K graphics cards and two VisionSC-HD4+ capture cards to create a video wall with eight HD monitors and eight HD capture channels. Additionally Image4K and VisionSC-UHD2 cards can be combined to provide a true 4K input, 4K output system.

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[1].

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 2.0 (Front Panel)
2 x USB Type A 3.1 Gen 1
3 x USB Type A 3.1 Gen 2
1 x USB Type C 3.1 Gen 2
Ethernet ports
1 x 1Gb
1 x 10Gb

PROCESSOR
Standard
Intel Core i5
Optional upgrade
Intel Core i7
Intel Core i9

MEMORY
Standard
32GB
Optional Upgrade
64GB
128GB

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)
Compliance
CE RoHS, FCC, UKCA

[1] 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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