

# VSN870

## Video Wall Controller



### Video Wall Controller Solutions

Advanced Graphics Display Technology



#### Description

The VSN870 wall controller is the latest addition to the Datapath range of wall controller systems. The VSN870 brings increased performance based on the Core i7 processor providing astonishing performance coupled with extreme flexibility.

The VSN870 has been designed, developed and optimised to operate with the latest generation of our world leading Datapath PCI express graphics and video capture cards.

The VSN870 can also be used in conjunction with the already proven Vision800X expansion chassis, increasing the number of available PCIe slots to 33. (Note: The host PC must have one x8 lane slot available)

#### Features

- Core i7 Industrial PC with 9 PCIe slots
- SBC2 - Intel Core i7 2600 CPU 3.4GHz PICMG1.3 SBC
- 1 to 48 Display channels using the Image4 graphics card
- 4 to 128 video capture channels using the VisionSD8 or VisionSD4+1 capture cards
- 1 to 32 SD-SDI/HD-SDI/3G-SD capture channels using the VisionSDI2 capture cards
- 1 to 32 RGB/HD/DVI/ capture channels using the VisionRGB-E1S/E2S capture cards
- Expand with 1 or 2 Vision800X expansion chassis providing a maximum of 33 PCI express slots
- Compatible with Datapath Wall Control

## Specification

19" 4U Industrial PC chassis
Dimensions (approx) Length 500mm (incl handles, Height 177mm, Width 481mm (incl mounting brackets)
SBC2 - Core i7 2600 CPU 3.4GHz PICMG1.3 SBC with VGA, dual Gigabit LAN, SATA RAID USB2.0 and 16-bit GPIO
8GB DDR3 system memory
Express9 PCIe back plane providing 1 x 8 lane slot and 8 x 4 lane slots
Two 500GB (or greater) removable SATA hard drives
One DVD/RW combo drive
Two Gigabit Ethernet ports
VGA output. (Can be used as a control screen)
500 Watt Redundant PSU or 600 Watt ATX PSU
Dual cooling fans with removable air filter
Includes keyboard and mouse
Windows 7 64bit operating system
Operating temperature: 0 to 35 Deg C
3 year warranty on the Express9 backplane

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

## Models

Code	Description
VSN870-RPSU	Controller chassis with 500 Watt RPSU
VSN870-ATX	Controller chassis with 400 Watt ATX PSU
Vision800X – RPSU	Expansion chassis with 500 Watt RPSU
Vision800X – ATX	Expansion chassis with 400 Watt ATX PSU

All products are shipped with the latest software available, unless stated otherwise.

Special requirements may be organised by contacting our Sales team.



## Main Sales Department

Datapath Limited,  
Alfreton Road  
Derby, DE21 4AD  
England

Tel: (+44) (0) 1332 294441

Fax: (+44) (0) 1332 290667

email: [sales@datapath.co.uk](mailto:sales@datapath.co.uk)

Web: <http://www.datapath.co.uk>