

Datapath Vision800 Range

Video Wall Controller Solutions

Advanced Graphics Display Technology

The Vision800 Range Video Wall Controllers

The Vision800 range of controllers are a highly expandable and flexible solutions for video wall and multi-screen display applications. The controllers are optimised for operation with the latest generation of Datapath PCI express graphics and video capture cards. The Vision800 and Vision860 can also be used with the Vision800X expansion chassis.

The Vision800X is a general purpose 9-slot PCIe expansion chassis that can be used with any host PC to expand the number of available PCIe slots. (Note: The host PC must have one x8 lane slot available)

- 1 to 40 Display channels using the Image4 graphics card
- 4 to 128 video capture channels using the VisionSD8 or VisionSD4+1 capture cards
- 1 to 32 RGB/HD/DVI capture channels using the VisionRGB-E1/E2 capture cards
- 1 or 2 Vision800X expansion chassis providing a maximum of 25 PCI express slots
- Compatible with Datapath Wall Control



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Specification

Vision800

- 19" 4U Industrial PC chassis
- Dimensions (approx) Length 500mm, Height 177mm, Width 439mm
- Quad Core CPU 2.66 GHz SBC
- 4GB DDR2 system memory
- Express9 PCIe back plane providing 1 x8 lane slot and 8 x4 lane slots
- Two 250GB 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 400 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



Vision860

- 19" 4U Industrial PC chassis
- Dimensions (approx) Length 500mm, Height 177mm, Width 439mm
- 6 slot PCIe motherboard
- i7 920 Processor 2.66Ghz
- 3GB system memory 1333Mhz HyperX
- Two 250GB removable SATA hard drives
- One DVD/RW combo drive
- 500 Watt Redundant PSU or 400 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



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Vision800X

- 19" 4U Industrial PC chassis
- Dimensions (approx) Length 500mm, Height 177mm, Width 439mm
- Express9 PCIe back plane providing 1 x8 lane slot and 8 x4 lane slots
- Auto power on/off from host PC (Vision800)
- 500 Watt Redundant PSU or 400 Watt ATX PSU
- Dual cooling fans with removable air filter
- Includes the Datapath H-Link, S-Link and Ex-Cable for connection to the Vision800 or host PC
- Operating temperature: 0 to 35 Deg C



Models

Vision800-RPSU	Controller chassis with 500 Watt RPSU
Vision800-ATX	Controller chassis with 400 Watt ATX PSU
Vision860-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



Vision800/860



2 x Vision800X

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