

Video Wall Expansion

Multi-purpose PCIe expansion products



VSN SERIES

INCREASE VIDEO WALL SIZE

Large scale video wall projects often require more resources than are available from a single motherboard or backplane, as more video capture channels are added or video wall sizes increase requiring added graphical outputs physical resources become scarce.



EXPAND YOUR IDEAS

The Datapath range of VSN expansion chassis allow customers to seamlessly add additional video capture or graphical output cards to a system. Using scalable PCIe technology, expansion chassis can be added to the master system to provide additional PCIe slots allowing for uninterrupted communication between any device in any slot.

Full gen-locking can be achieved between any cards within the whole system without the need for additional cables allowing tear free videos on Video Walls where multiple graphics cards are dispersed across several chassis.

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

**DATAPATH**
EXCELLENCE BY DESIGN

Video wall controller solution

V3 EXPANSION

- 11 slot expansion system providing 11 PCIe gen3 x8 slots
- Supporting 8GB/s full duplex links between backplanes using the HLink-G3 and SLink-G3
- LEDs indicating connections
- Seamlessly capitalising on the transparency of the PCI Express architecture
- Automatically configured, making all the slots appear transparent to the host PC
- Provides increased I/O capacity and scalability

HOST SYSTEMS

- VSN V3 - 11slot chassis with Corei7

SPECIFICATION

BACKPLANES

Features

3rd generation PCIe switched fabric **with**
11 slot x8 - 8GB/s uplink and downlink

POWER

RPSU 800W, 100-240V~, 50/60Hz

DIMENSIONS

Size

507.6mm (l) x 177mm (h) x 482.6mm (w) with
rack ears.

Weight

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

OPERATING TEMPERATURE

0°C TO 35°C

STORAGE TEMPERATURE

-20°C TO 70°C

RELATIVE HUMIDITY

10% to 95% Non-Condensing

NOISE

Between 52dB & 80dB³

Dependent on system config & ambient temp

COMPLIANCE

CE, UKCA, FCC

MODELS AVAILABLE

Order Code: V3-11-X-RPSU

Expansion chassis with 800 Watt RPSU



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

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

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