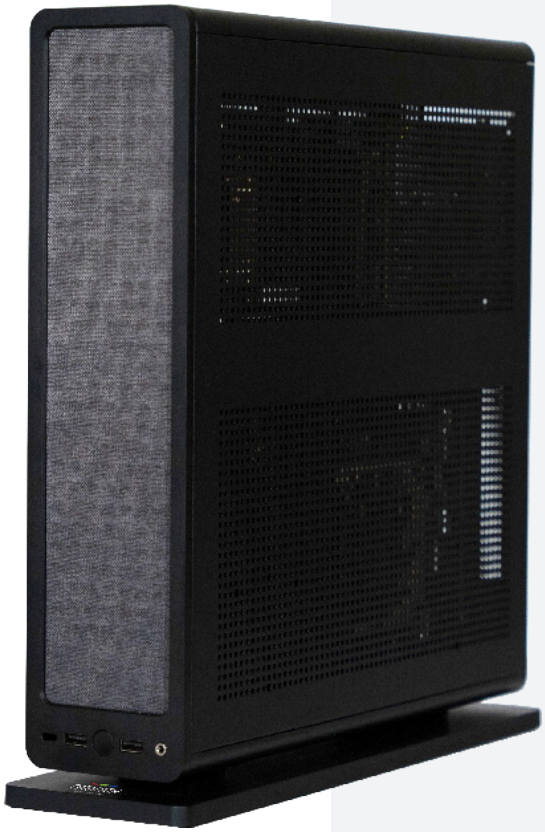
VSNMini 300

High Performance Operator Workstations



SCALABLE CAPTURE AND DISPLAY

The VSNMini 300 is designed to drive operator workstations in mission-critical Aetria environments. With three PCIe slots, the VSNMini 300 can be configured to capture large volumes of data, from baseband video (HDMI, DisplayPort) to IP streams, web pages, and remote desktops. This data can then be displayed across up to four 4K screens at the operator workstation for local monitoring and control.

PERSONAL VIDEO WALLS

With Aetria Workstation software installed, the operator's screens become their own 'personal video wall', where they can treat their desktop as a single canvas for easy monitoring and management of large volumes of data. Segmenting their desktop canvas enables optimum viewing and control of data sources, while features such as pre-set layouts and instant content sharing allow real-time collaboration and response to events and issues.

DATAPATH
EXCELLENCE BY DESIGN

A VITEC COMPANY

The world's most advanced video wall controller

SMALL SIZE, BIG PERFORMANCE

With its slick form factor, the VSNMini 300 is designed to be inconspicuous and space conscious for the modern operator environment. It supports modern technology standards including 12th Generation Intel Processors and NVMe SSD storage for maximum performance.

When used as an Aetria Workstation the VSNMini300 is capable to hosting a maximum of 2 x VisionSC-A2 cards. For SQX and IP Decoding, the VSNMIni can support up to 32 streams of 1920x1080p 30fps with the Intel Corei7 option. High Volume IP decoding is not availble with the Intel Core i5 option.

RELIABILITY

As with all Datapath VSN systems, the VSNMini 300 uses long-life industrial grade components to provide the reliability and dependability needed by today's mission-critical control room environments.

COMPATIBILITY

The Datapath VSNMini 300 Workstation is compatible with Windows 11.

MODELS AVAILABLE

Order Code: VSN300-AWS

For use as a video wall controller, please order VSN300-WALL.

Upgrade options are shown in the below table.

SPECIFICATION

MOTHERBOARD
Industrial motherboard, 2 x DisplayPort 1.2, 2 x HDMI 2.0
Outputs: 8 x USB 3.0 ports, 2 x USB 2.0 ports

PROCESSOR OPTIONS
Standard: Intel Core i5 – 4.40 GHz
Optional upgrade: Intel Core i7 – 4.90 GHz
Optional upgrade: Intel Core i9 – 5.10 GHz, 30MB Cache

MEMORY OPTIONS
Standard: 32GB DDR5
Optional: 64GB DDR5 (maximum)

ETHERNET
2 x Intel Gigabit Ethernet port

POWER SUPPLY
ATX 650 watts 100-240v 80PLUS Gold

BACKPLANE
Datapath Express3: Three PCIe Gen3 slots x8 offering up to 8 GB of bi-directional data transfer

HARD DRIVE OPTIONS
Standard: 500 GB M.2 drive
Optional upgrade: 1TB M.2

OPERATING SYSTEM
Windows 11 Enterprise

OPERATING TEMPERATURE
0 TO 35 °C (32 TO 95 °F)

STORAGE TEMPERATURE
-20 TO 70 °C (-4 TO 158 °F)

RELATIVE HUMIDITY
5% to 90% non-condensing

DIMENSIONS (WITH STAND)
Vertical: 374 x 110 x 395mm
Horizontal: 360 x 375 x 115mmm

DIMENSIONS (WITHOUT STAND)
355 x 95 x 375 mm

WEIGHT
4 - 6kg (shipped 4 - 6kg)

COMPLIANCE
FCC / CE / RoHS
This Datapath product conforms with EU CE Legislation and related IEC product safety standards along with part 15 of the FCC rules. TAA Compliant as per the rules of the US Government Trade Agreement Act.

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