EPS-102SD

1U 2-Bay Rackmount Video Appliance

POWERFUL, SPACE-EFFICIENT 1U, 2-BAY RACKMOUNT APPLIANCE

Enable unmatched performance and computing with the EPS-102SD video appliance. This 1U 2-bay rackmount video appliance allows for scalable performance with an Intel® Xeon® E processor.

Up to 36TB of raw storage provided by two 3.5" 24/7 duty cycle SATA drives offers ample storage for surveillance deployments. Guarantee fast response times and free up system resources with up to 64GB of DDR4 RAM.

Ease of operation is provided with an OS SSD for accelerated boot and application load times. RAID 0/1 storage options provide system high availability while a five-year, on-site, next business day, Keep Your Hard Drive warranty guarantees your peace of mind.

BCD's exclusive Harmonize Bridge, powered by Tiger Technology, includes full data protection, backup and archive, and instant disaster recovery, while delivering cloud scale and services without any disruption to your workflows. The flexibility within the EPS-102SD allows for on-premise recording, cloud recording, or both simultaneously.

KEY FEATURES

- Up to 32 Channels*
- Up to 101.6 Mbp/s Recording Rate
- Up to 36TB of Raw Storage
- Intel® Xeon® E Processor
- Microsoft Windows 10 IoT Enterprise
- Harmonize Bridge, powered by Tiger Technology
  - Hybrid Cloud Connectivity
  - Disaster Recovery
  - iDRAC for Microsoft Windows 11 and 10 Server Management
- SSD & SATA Drives
- RAID Options: 0 & 1
- 5-Year Keep Your Hard Drive Warranty
- 20 Harmonize RMM Licenses

Based upon these parameters: 2 MP at 15FPS, H.264, 24-hour recording for 30 days.

FOR MORE INFORMATION: bcdvideo.com | sales@bcdinc.com | +1.847.205.1922
TECH SUPPORT: support@bcdinc.com | +1.844.462.2384

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SYSTEM

Operating System
Microsoft Windows 10 IoT Enterprise

Memory
Standard Configuration: 16GB (2x 8GB)
Maximum Configuration: Up to 64GB RAM (4x DDR4 DIMM Slots)

Processor(s)
Intel® Xeon® E-2224G (4 cores, 4 threads @ 3.50GHz)

Processor Passmark
Intel® Xeon® E-2224G: 7,466

Networking
(1) 1GbE RJ45 Port & (1) 10GbE RJ45 Port

Expansion Slots
All Slots PCIe Gen 3. Up to 1 double-width x16 card supported. Slot 1 (bottom): Full Height Double width PCIex16 Gen 3 or Single Width PCIex8 Gen Slot 2 (top): Full Height Single Width PCIex8 Gen 3

USB(s)
Front: (2) USB 3.1 Type A (1) USB 3.1 Type C, Rear: (2) USB 3.1 Type C

Video Outputs
(2) USB 3.1 Type-C (includes 1x USB-C to HDMI adapter)

MECHANICAL

Form Factor
1U Rackmount

Power Supply(s)
(2) 550W (100-240VAC) 80 Plus Platinum

Operating Temperature
(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]

Max Heat Dissipation
1500 Max BTU/hr

Operating Humidity
10 ~ 90% (non-condensing)

Dimensions (WxDxH)
19" (482.6mm) x 23.19" (589.1mm) x 1.68" (42.8mm)

Max. Weight
19.27 lbs. (8.74 kg)

Warranty
5-Year, On-site, NBD, Keep Your Hard Drive Warranty

STORAGE

Hard Drive Bays
(2) 3.5" Hot Swappable Bays
(2) M.2 SSD Slot (OS)

Hard Drives Supported
PCIe NVMe & SATA

RAID
RAID 0, 1

Maximum Storage
Up to 36TB (Seagate SkyHawk AI)

harmonize Bridge
POWERED BY TIGER TECHNOLOGY

intel SEAGATE harmonize iDRAC PLUG-IN INSIDE

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