

VT-TMSS24EN

VITEK 24-Disk Enterprise Mass Storage Server Designed for Video Surveillance Applications



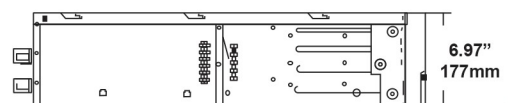
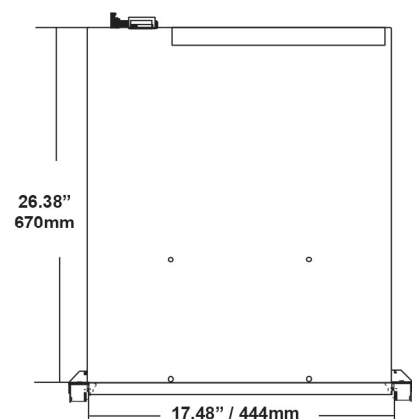
VT-TMSS24EN: VITEK ENTERPRISE STORAGE SERVER FOR HIGH VOLUME TRAFFIC

VITEK's Mass Storage Solution is a 24-disk enterprise storage server designed specifically for use in Video Surveillance applications. This storage server adopts the latest Intel C232 chip set, with Intel Xeon E3-1220V5 performance, multi-core processing, and additional advanced data processing and transmission technologies.

This cost-efficient, simple-to-deploy product is flexible in expansion capabilities, offers powerful performance and a user-friendly interface, and has wide-ranging compatibility. Impressive data storage, robust management, and operational reliability make this product unique in the Enterprise Security space. Ideally suited for medium to large-sized security systems, this server can also support security and intelligent infrastructure at civic and commercial levels including transportation and shipping, educational environments, and critical government facilities.

- Intel Xeon E3-1220V5 High-Performance 4-Core Processor, Transfer Rates ≤ 8 Gigatransfers/s, 64 Bit Expansion, I/O Acceleration, Turbo, and Hyper-Threading
- 4 Memory Card Slots, ≤ 64 GB DDR4-1866/2133MHz ECC
- 2 Gigabit Ethernet Ports: Supports Intel I/OA, Supports Link Aggregation, Binding Redundancy, iKVM, IPMIx1
- 12Gbps SAS Expander, 12Gbps RAID Card (0,1,5,6,10)
- 24 x 3.5 Inch Hot-Swappable HDD Slots, up to 480TB, 3 Control Expansion Slots: 1 x PCI-E3.0 x 16(x8), 1 x PCI-E3.0 x 8, 1 x PCE-E3.0 x 8 (4)
- 800W 1+1 Redundant Power Supply
- Support Hot Backup (Fail-Over) via the Management Server
- Monitor Connection and Network Status, Hardware and More (Buzzer Sounds Indicate Fault Levels)
- Timely Event Information Recording and Operational Logs Full Solution Real-time Monitoring and Alarms
- Independent IPMI Interface, Supports iKVM, Remote Start, Shutdown and Software Installation Services
- Provide TPM Interface which supports TPM Standard Security Chip, Protected Against Illegal User Access
- Embedded Device Access and Transfer Modules Without Extra Transfer Server Access
- Transfer is Independent of Server / Platform, so Recording will Continue even if Platform Network is Interrupted
- Rack Mountable

SYSTEM OVERVIEW:



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*Internet connection required for remote connections & multi-site configurations.

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DETAILED SPECIFICATIONS



CPU	Intel Xeon Processor E3
OS	Linux
Memory	8GB DDR4 ECC, up to 64GB DDR4 ECC Memory
HDD	3.5 inch SATA interface × 24 (Hot-swappable)
HDD Installation	Independent HDD Bracket
Capacity	Up to 480TB (Max. 20T per HDD)
RAID	RAID Hardware, Supports RAID 0, 1, 5, 6, 10
Expansion	1 × PCI-E3.0 × 16 (×8), 1 × PCI-E3.0 × 8, 1 × PCI-E3.0 × 8 (×4)
Network Card	Integrated I210-AT Dual Gigabit Network Cards, <i>*Load Balancing: If one is Offline, the Other will Replace</i>
IPMI	Intelligent Platform Management Interface: ASPEED AST2400 BMC, Independent IPMI Interface, Supports IKVM - Java Virtual Machine
Monitor Control	Integrated Display Controller
Protocol	Supports TCP / UDP / RTSP Protocol
Search	Built-in Index, Accurate to Second-Level
Performance	Up to 800Mbps Incoming, 800Mbps Recording and 96Mbps Playback / Live View
Management Types	WEB Management, Seamless Access to VITEK Transcendent VMS
Management Capabilities	RAID Management, Record Management, System Log, Alarm processing
Security	Supply Trusted Platform Module (TPM) Interface, TPM Module Installation Supported
Interface	1 × VGA, 6 × USB (Four (4) in the Real Panel and Two (2) on the Front Panel), 2 × RJ45, 1 × IPMI, 1 × RS 232
Power Supply	800W 1+1 Redundant Power Supply, 100~240V-10~5A / 50~60Hz
Temperature	Working: 50°F ~ 95°F (10°C ~ 35°C) Standby: -40°F~131°F (-40°C~+55°C) (Ambient)
Relative Humidity	Working: < 90% RH (95°F / 35°C)
Noise	Working: < 50DbA
Electronic Software Delivery	(ESD) Each Item Conforms to Intel Ambient Temperature Test Standard 15KV
Dimensions (W × D × H)	17.48" × 26.38" × 6.97" (444mm × 670mm × 177mm)
Rack Mountable	4U
NDAA Compliant	Yes