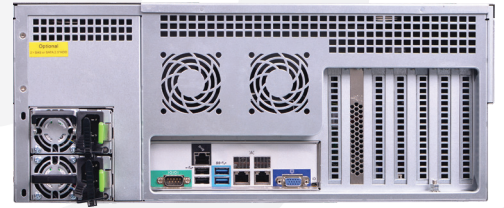


# VT-TMSS24EN

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



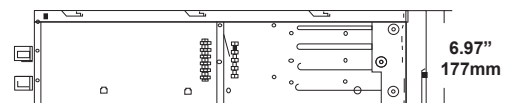
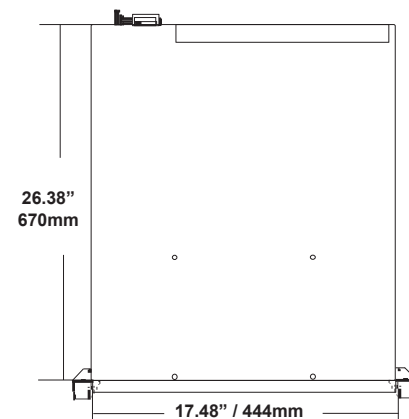
## VT-TMSS24EN: VITEK ENTERPRISE STORAGE SERVER FOR HIGH VOLUME TRAFFIC

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  $\leq 8$  Gigatransfers/s, 64 Bit Expansion, I/O Acceleration, Turbo, and Hyper-Threading
- 4 Memory Card Slots,  $\leq 64$ GB DDR4-1866/2133MHz ECC
- 2 Gigabit Ethernet Ports: Supports Intel I/OA, Supports Link Aggregation, Binding Redundancy, iKVM, IPMI x 1
- 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:



An Eye On Innovation

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

www.vitekcctv.com



## DETAILED SPECIFICATIONS



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