TD-S324E2-E

Storage Server



TD-S324E2-E is a 24-disk enterprise mass storage server specially designed for video surveillance industry. It adopts the intel chipset, integrated intel high-performance multi-core processor and assorted advanced data processing and transmission technologies. Due to its low cost, simple deployment, flexible expansion, powerful performance, user-friendly interface design, good compatibility and high reliability, abundant data storage and strong management capability, it can meet the requirements of various large and medium sized video surveillance systems.

It can be widely used in security cities and intelligent cities, including banking, transportation, public security, enterprise and public institution and so on.

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TD-S324E2-E Storage Server

Specifications

CPU	Intel Core i5-12400
OS	Linux
Memory	16GB DDR5 ECC
HDD	3.5 inch SATA × 24(hot-pluggable)
HDD Installation	Independent HDD bracket
Capacity	Up to 384TB (max. 16TB per HDD)
RAID	Hardware RAID; support RAID 0,1,5,6, 10
Expansion	1*PCIE5.0x16(x16);2*PCIE4.0x8(x4);1*PCE3.0x4(x4)
Network Card	2*2.5GbE RJ45, 10/100/1000/2500Mbps
IPMI	1 RJ45, 10/100/1000Mbps
Display Control	Integrated display controller
Protocol	Support TCP / UDP / RTSP protocol
Search	Built-in index, accurate to second-level
Performance	Up to 800Mbps access, 800Mbps storage and 96Mbps playback Up to 800Mbps access, 800Mbps storage and 96Mbps live view
Way of Management	WEB management, seamless access to NVMS
Capability of Management	RAID management, record management, system log as well as alarm processing
Interface	5 × USB3.0, 2 × USB2.0, 2 × RJ 45, 1× IPMI, 1× HDMI, 1×Type-C, 1 × DP
Power Supply	800W 1+1 redundant power supply, 100~240V-10~5A / 50~60Hz
Temperature	Working Temperature: 0℃~35℃ Storage Temperature: -40℃~70℃
Humidity	Working Humidity: 8%~90% (non-condensing) Storage Humidity: 5%~95% (non-condensing)
Certificate	CE, FCC, RoHS2.0
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), Directive 94/62/EC and REACH(EC1907/2006)
Dimensions	650 × 437.2 ×176mm
Weight	17.54KG
Power Consumption	150W (without HDD)
Installation	4U common rails

Features

High Performance

- Integrated Intel high-performance 6 core processor, up to 16GT/s data transfer rate, 64 bit expansion, I/O acceleration, Turbo, Hyper-Threading Technology
- 4 memory card slots
- 2 gigabit Ethernet ports; supports I/OA technology; supports link aggregation and binding redundancy; supports iKVM; IPMI×1 12Gbps SAS Expander, 12Gbps RAID card (RAID0,1,5,6,10 supported

High Reliability

- 24 *3.5 inch hot-pluggable HDD slots, up to 384TB
- 4 control expansion slots: 1*PCIE5.0x16(x16); 2*PCI-E4.0x8(x4); 1*PCE3.0x4(x4)
- 800W 1+1 redundant power supply
- Support hot backup (fail-over) via the management server

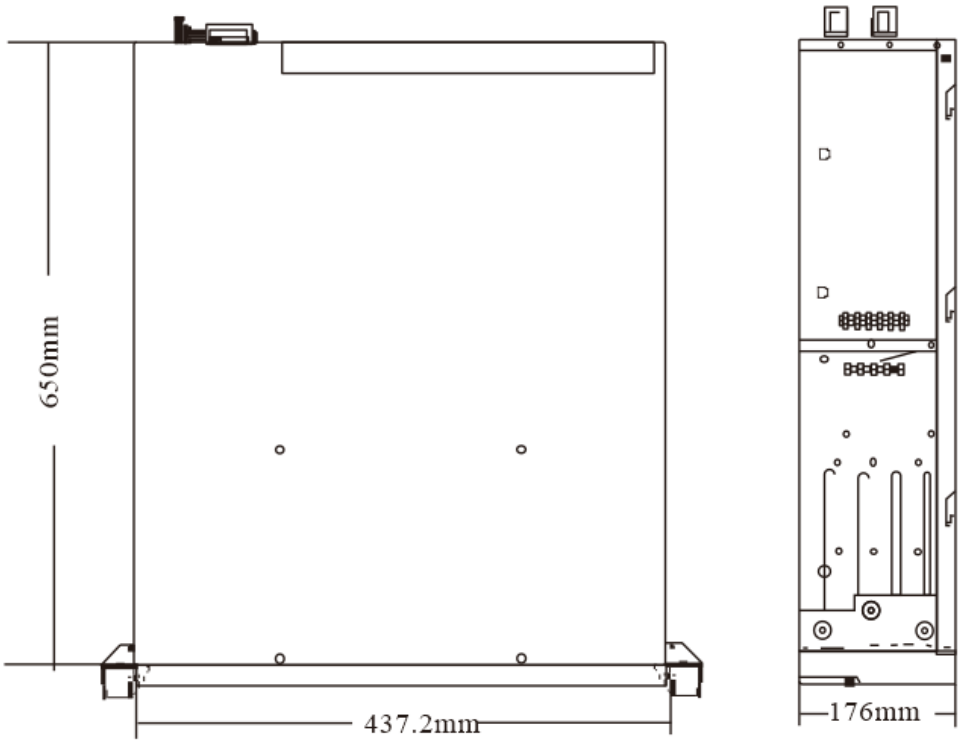
Easy to Manage

- Monitoring various status of the storage server, such as connection status, network status, hardware status and so on; judging the fault level according to the buzzer sound; timely recording event information and operation logs of the device; providing full solution of real-time monitor and alarm of the device Independent IPMI interface; supports iKVM, remote startup and shutdown and software installation services
- Independent IPMI interface; supports iKVM, remote startup and shutdown and software installation services
- Embedded device access and transfer modules without extra transfer server access
- Its transfer server doesn't rely on platform, so the recording will not be interrupted even if the network of the platform server is disconnected

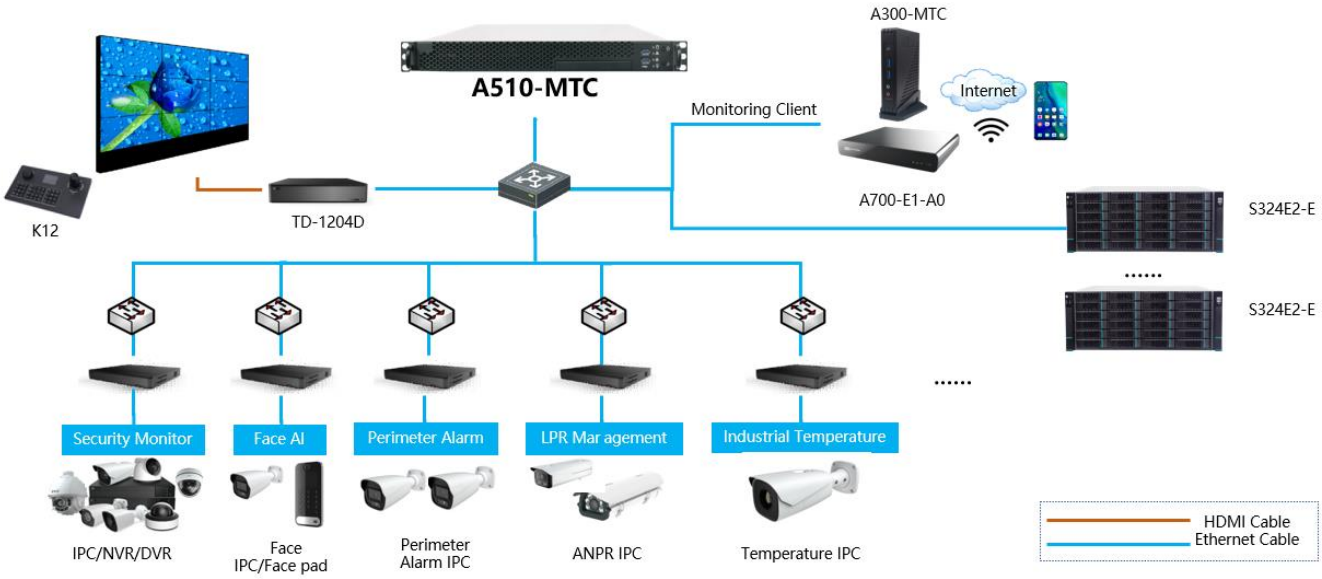
Dimensions

*All pictures and specifications are for reference only and are subject to change without prior notice

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Networking Mode



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Ordering Information

Model	Description
TD-S324E2-E	Centralized Storage Server
TD-A510-MTC	All-in-One Management Server
TD-A300-MTC	Management Client
TD-A700E1-A0	Management Client
TD-1204D	Decoder
TD-K12	Network Keyboard

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