

TR-STO-48B-SC

48-slot Single Controller Storage



- High-quality recorder capable of storage and adopts multiple advanced technologies, including direct streaming video and picture technology, RAID and VRAID technology etc.
- Modular and no-cable design.
- Support scheduled backup function, allow the configuration of schedule to transfer historical recordings from IPC/NVR/DVR devices to network storage.
- Connectable to encoding devices (IPC/DVR/NVR) using standard stream media protocol such as RTSP, ONVIF etc.
- Support multiple recording types, including continuous recording, manual recording, main ,sub and third stream recording; motion recording, sensor alarm recording etc.
- Support one-touch quick setting with user friendly B/S interface.
- Adopt ANR technology to ensure data integrity when the network disconnected.

Specifications

Network

Protocol	RTSP, ONVIF, SDK, ISAPI
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External interface

USB	USB 2.0: Front × 2 USB 3.0: Rear × 4
Data network interface	4 × 2.5G Ethernet interface(4 × GbE or 2 × GbE or 1 × GbE or 2 × 10GbE is extendable) Customized 2x10GbE
COM	RS-232 serial interface × 1
Management network interface	1, 1000M Ethernet interface

Storage

HDD slot	48
Interface/capacity	SATA/4 TB, 6 TB, 8 TB, 10 TB, 12 TB, 16 TB, 20 TB
Hot-swapping	Supported
HDD support	Enterprise Hard Disk
RAID	RAID 0, 1, 5, 6, 10, 50, VRAID 2.0, Hot-Spare

Hardware

Structure	Controller Structure
Processor	64-bit multi-core processor
Cache	16 GB (extendable to 64 GB)

Storage Management

Disk management	Disk inspection, alarm and repair
Logical volume management	video and picture pool management

Recording Management

Recording mode	Timing recording, event recording
Video protection	Lock key video, ANR, video loss detection and alarm
Searching mode	Search by time and event
Downloading mode	download by time, download by file

Device Maintenance

Management mode	Web-based GUI, serial interface CLI, centralized management of multiple devices (VSP)
Alarm mode	Sound, light, email, web page
Log downloading	Download on web page

HDD

HDD Model	ST16000NM002H(TR Cstor)
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Performance Parameter

Recording mode: video (2Mbps) + picture	550-ch (1100Mbps)
Video performance	550-ch (1100Mbps)

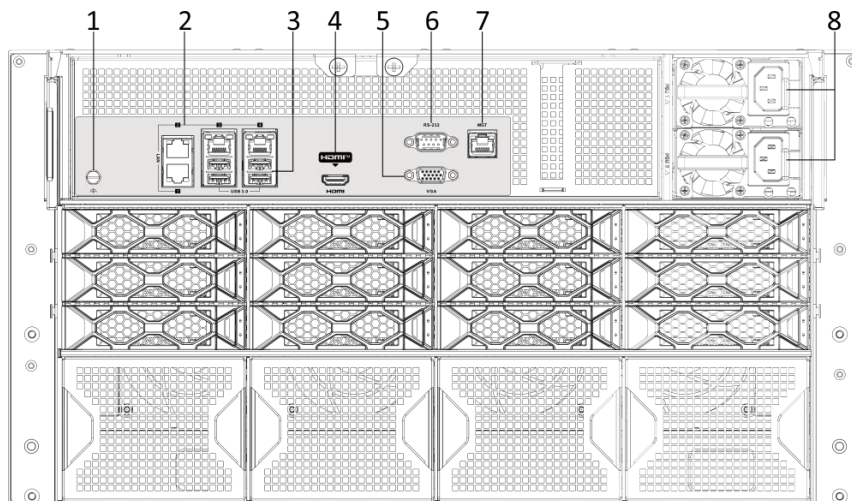
External Interface

HDMI	Rear × 1
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General

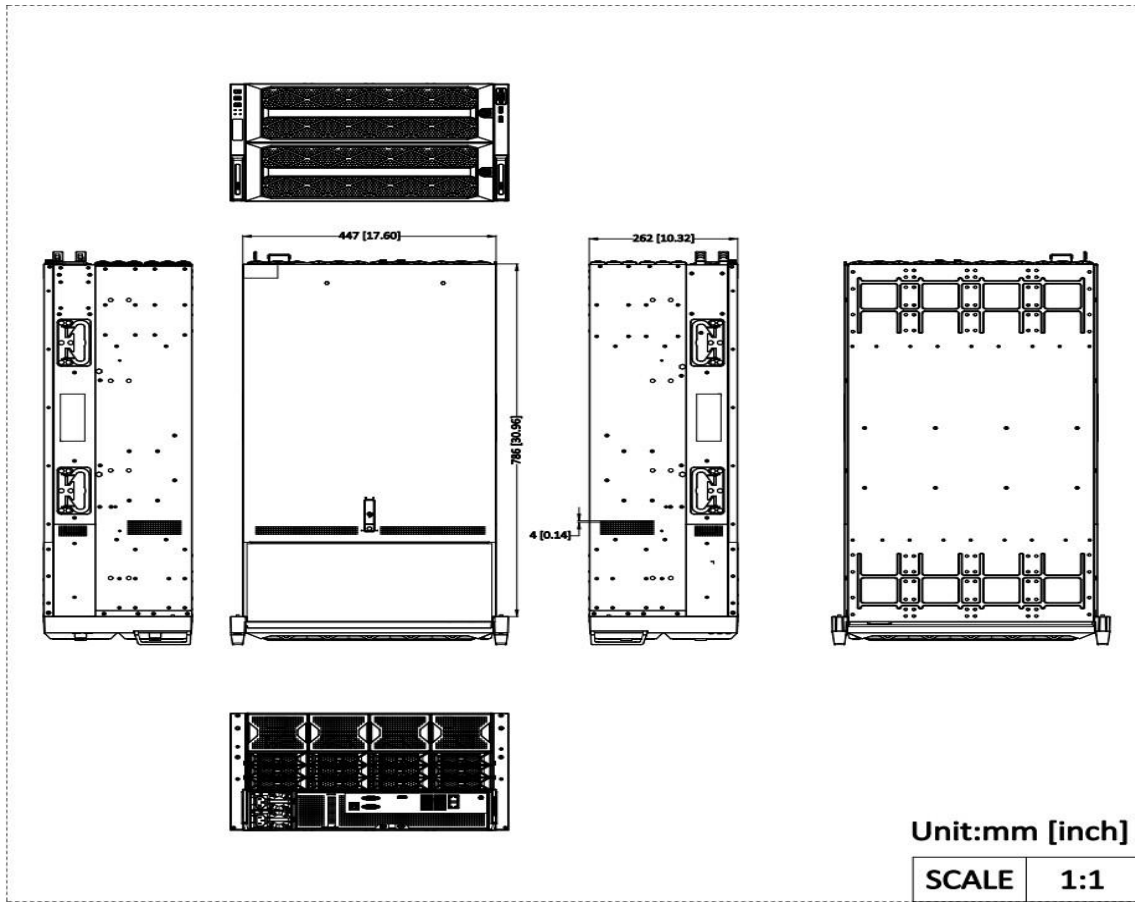
Chassis	6U
Dimension (W × H × D)	447 × 262.1 × 787 mm (17.6 × 10.3 × 30.96 in)
Weight (without HDDs)	≤ 64kg
Power Module	Redundant 1200W
Rated power consumption	Working: ≤ 1005W
Working humidity	20% to 80%RH (non-condensing/frozen)
Storage humidity	5% to 90%RH (non-condensing/frozen)

Physical Interface



Number	Description	Number	Description
1	GND	5	VGA interface
2	LAN network interface	6	RS-232 interface
3	USB 3.0	7	Management network interface
4	HDMI interface	8	Power supply

Dimension



Note: Specifications are subject to change without notice.