

DS-A80624SI **24-slot Single Controller Storage**



The DS-A80 series is an economical and reliable network storage product. Hikvision network storage product creates a network with access to data storage servers, and it integrates Hikvision's unique video direct streaming technology. The system supports third-party cameras such as BOSCH, AXIS, SONY, Samsung, etc., and supports RTSP and ONVIF protocols, and extended data retention. With no recording server needed, Hikvision's network storage systems truly make applications simple, flexible, and budget-friendly.

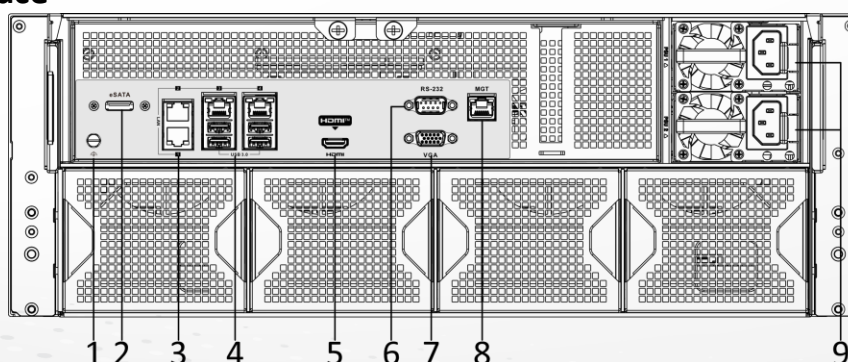
- High-quality recorder capable of storage and adopts multiple advanced technologies, including direct streaming video and picture technology, VRAID technology etc.
- Modular and no-cable design.
- Support scheduled backup function, allow the configuration of schedule to transfer historical recordings 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.

▪ Specification

Selection Parameter	
Structure	Controller structure
Controller	Single controller
Storage Server	Single CPU storage server
Network	
Protocol	RTSP, ONVIF, SDK, ISAPI
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)
COM	RS-232 serial interface×1
Management network interface	1, 1000M Ethernet interface
Storage	
HDD slot	24
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 (HCP, HCM)
Alarm mode	Sound, light, email, web page
Log downloading	Download on web page

HDD	
HDD Model	Hikvision, HK724TAH, 4TB; Hikvision, DS40HKAI-VX1, 4TB; Hikvision, HK726TAH, 6TB; Hikvision, DS60HKAI-VX1, 6TB; Hikvision, HK728TAH, 8TB; Hikvision, DS80HKAI-VX1, 8TB; Hikvision, HK7210AH, 10TB; Hikvision, HK7212AH, WCAE, 12TB; Hikvision, HK7216AH, 16TB; Hikvision, HK7220AH, 20TB; Hikvision, DS200HKAI-VX1, 20TB;
Performance Parameter	
Event performance	200 -ch(400Mbps)
Copy-back	275 -ch(550Mbps)
Storage Management	
Storage pool management	video and picture pool management
External Interface	
HDMI	Rear × 1
eSATA Interface	Rear × 1
VGA output	Front × 1, Rear × 1
Performance	
Recording mode: video (2 Mbps) + picture	550-ch (1100Mbps)
Video performance	550-ch (1100Mbps)
Picture performance	1100Mbps
General	
Power supply	Redundant 550W
Chassis	4U
Consumption(with HDDs)	Working: ≤ 674W
Environment temperature	Working: +5 °C to +40 °C (41 °F to 104 °F); Storing: -20 °C to +70 °C (-4 °F to +158 °F)
Humidity	Working: 20% to 80%RH (non-condensing/frozen); Storing: 5% to 90%RH (non-condensing/frozen)
Dimensions(W × D × H)	447 × 174.8 × 174 mm (17.6 × 6.9 × 4.9 in)
Weight (without HDDs)	≤ 25kg

Physical Interface

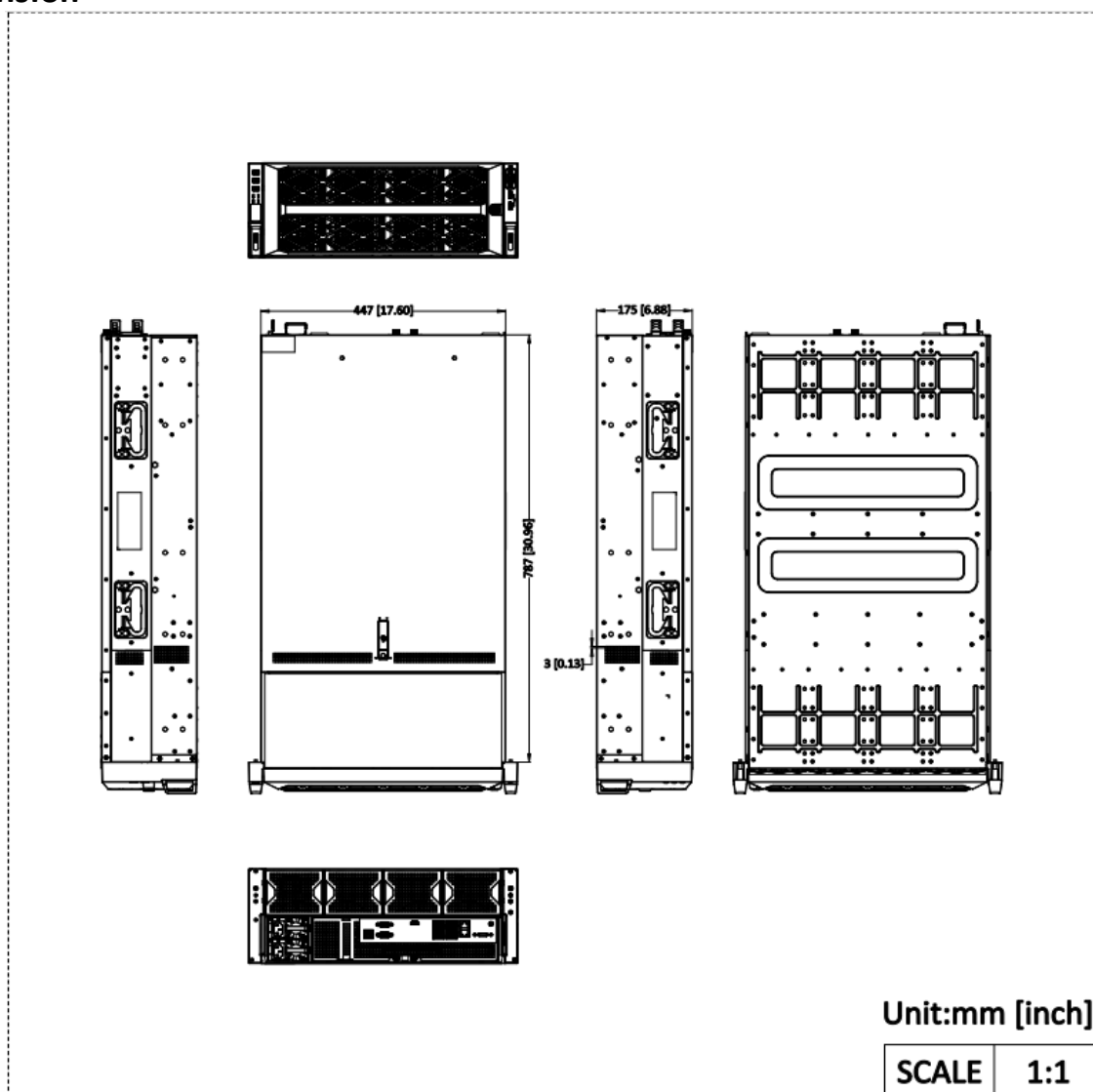


Number	Description	Number	Description
1	GND	6	RS-232 interface
2	eSATA interface	7	VGA interface
3	LAN network interface	8	Management network interface
4	USB 3.0	9	Power supply
5	HDMI interface		

▪ Available Model

DS-A80624SI(STD)

▪ Dimension



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