DS-2HK36HDNAS-JD
36-slot Single Controller Storage

- 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.

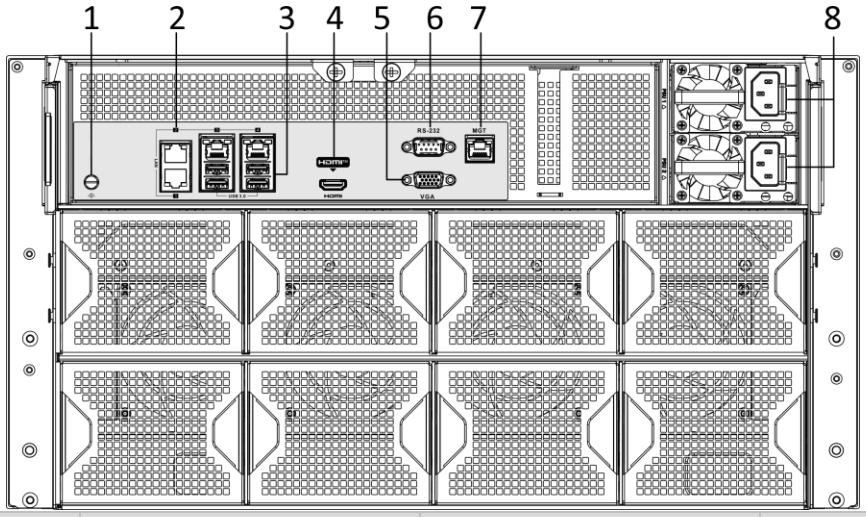
**The series is an economical and reliable network storage product. Hikvision network storage product creates a network with access to data storage servers, and it integrates Hikvision's unique video direct streaming technology. The system supports third-party cameras such as BOSCH, AXIS, SONY, Samsung, 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.*

▪ Specification

System	
Main Processor	64-bit multi-core processor
Operating System	LINUX FAROS
Operating Interface	Web
Controller	Single controller
Cache	16 GB by default (extendable to 64 GB)
Failover	
Failover	N+1
Video Protection	
Backup	Recording Backup
Video Protection	ANR
Audio and Video	
Access Channel	550
Multi-Screen Display	Customized display, max 16-channel web live view
Third-Party Camera Access	ONVIF; RTSP
Compression Standard	
Video Compression	H.265+; H.265; H.264+; H.264
Audio Compression	G.711ulaw; G.711alaw; G.722; G.726; AAC; MP2L2
Network	
Network Protocol	HTTP; HTTPS; IPv4; SMTP; NTP; DHCP; DNS; SNMP; SADP
Interoperability	ONVIF (Profile S,T); ISAPI; SDK
Browser	Chrome; Firefox; Edge; Safari
Network Mode	Active-Backup; XOR Mode; 802.3ad; Self-Adaptive Load Balancing (Virtualized)
Recording Playback	
Multi-Channel Playback	Web playback, max 16-channel playback
Recording Management	Recording modes: continuous, event-based, motion detection. Supports locking key video
Playback Function	1. Play, pause, stop, fast forward, fast backward, reverse playback, single frame 2. Full screen, backup (clip/file), capture, digital zoom, audio on/off, aspect ratio, window split
Performance Parameter	
Video Direct Storage (Timed Recording)	Incoming: 550-channel (bandwidth: 1100 Mbps) Outgoing: bandwidth: 110 Mbps Playback: 55-channel (bandwidth: 110 Mbps)
Video Direct Storage (Event Recording)	Incoming: 200-channel (bandwidth: 400 Mbps) Outgoing: bandwidth: 110 Mbps Playback: 55-channel (bandwidth: 110 Mbps)
Video Direct Storage (Recording Backup)	Incoming: 275-channel (bandwidth: 1100 Mbps) Outgoing: bandwidth: 110 Mbps Playback: 55-channel (bandwidth: 110 Mbps)
Picture Direct Storage	Incoming: bandwidth: 1100 Mbps (275 images/s @ 500KB/image) Outgoing: bandwidth: 110 Mbps
Storage	
RAID	RAID0, RAID1, RAID5, RAID6, RAID10, RAID50, RAID60, RAID5(VRAID), RAID6(VRAID), Hot-Spare

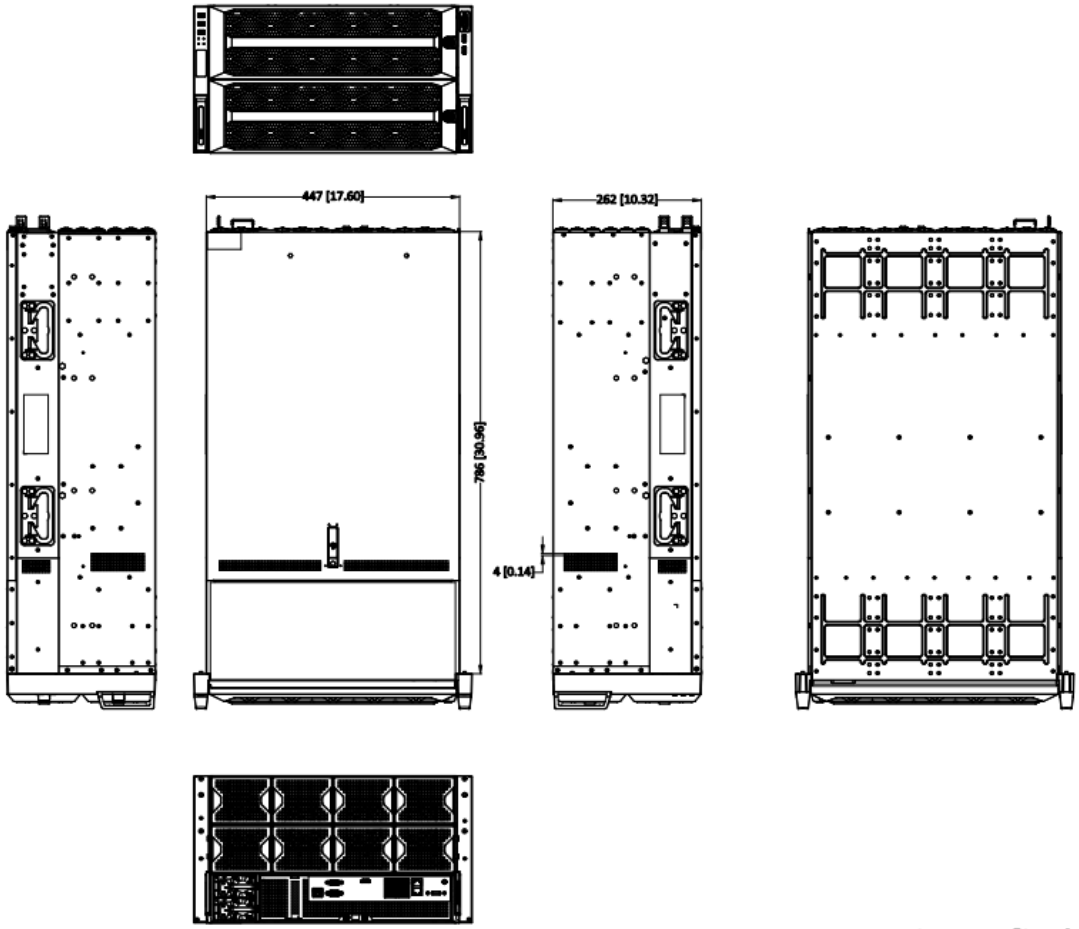
Storage Pool	Video and Picture pool management
HDD slot	36
HDD Interface/Capacity	SATA/4 TB, 6 TB, 8 TB, 10 TB, 16 TB, 20 TB
HDD Hot-Swapping	Supported
HDD support	Enterprise Hard Disk
Disk Management	Disk inspection, smart alarm and repair
Device Maintenance	
Alarm Linkage	Sound, notifying surveillance center, sending email, recording linkage
Anomaly Alarm	Storage exception, network exception, power exception, temperature exception, fan malfunction
Log Downloading	Download on web page
Port	
HDMI	1 × Rear
VGA	1 × Front; 1 × Rear
COM	1 × RS-232 serial interface
USB	2 × USB 2.0 (Front) 4 × USB 3.0 (Rear)
Management Network Interface	1 × 1G Ethernet interface
Data Network Interface	4 × 2.5G Ethernet interface
Network Port Extension	4 × GbE or 2 × GbE or 1 × GbE or 2 × 10GbE (optional)
Indicator	Hdd indicator, power indicator, location indicator, status indicator, network indicator, alarm indicator
General Specification	
Chassis	6U
Power Supply	100-240 VAC, 50/60Hz, 2 redundant power supply
Power consumption	Working(all HDDs connected): ≤ 710W(2422 BTU/hr) Working(without HDD): ≤ 240W(818 BTU/hr) Rated: ≤ 800W(2730 BTU/hr)
Fan	Intelligent speed regulation fan
Net Weight	38 kg (83.78 lb)
Gross Weight	64 kg (141.10 lb)
Dimension (W × H × D)	447 × 262.1 × 787 mm (17.6 × 10.3 × 30.96 in)
Working temperature	5 °C to 40 °C (+41 °F to +104 °F)
Working humidity	20% to 80%RH (non-condensing/frozen)
Storage temperature	-20 °C to 70 °C (-4 °F to +158 °F)
Storage humidity	5% to 90%RH (non-condensing/frozen)
Installation	Standard 19 inch rack
Language	English, Vietnamese, Thai, Turkish, Arabic, Spanish, Portuguese, Russian, Chinese
VMS Support	HCP, HCM
Rail	Provided as accessory
Certifications	CB,CE-EMC,CE-LVD,RCM,Transport Identification

▪ Physical Interface



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

▪ Dimension



Unit:mm [inch]

SCALE	1:1

See Far, Go Further

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