

24
CH

DBS-2224

Multi-NVR Video Backup Server



Key Features

■ Central Backup and Storage Capacity

Central Backup Configuration

One backup server to satisfy crucial video backup needs without entering each NVR for video backup settings

24-channel Video Backup from Multiple NVRs

Save key videos from different models of DIGIEVER NVRs

Advanced Backup Schedule

Freely define backup schedule of each camera

36TB High Storage Capacity

Support up to 18TB hard disk drive

Flexible Storage Expansion Ability

Expand extra storage capacity via iSCSI Server

■ Superior Hardware Design

Diverse RAID Levels

Increase server reliability to protect crucial video data

Hot swappable HDD design

Replace the failed HDD on runtime

S.M.A.R.T HDD Health Monitoring & Report Export

Prevent video loss from HDD failure in advance

Network Link Aggregation

Maximize bandwidth usability to boost video transfer speed

■ Playback and Double Backup

Directly Playback Video on Backup Server

View videos on both local monitor and remote PC without installing extra tool

Multi-server and Multi-channel Simultaneous Playback

Cross backup server/NVR to check videos at the same time

Remote Playback Anytime and Anywhere

Use DIGIMobile V2 to view videos on your iOS/Android device

5 Modes of Smart Search

Motion detection, Foreign object detection, Missing object detection, Camera tampering detection and Lose focus

Intelligent Playback Features

Region of interest (ROI), time-divided search, timestamp markers for multi-channel playback tracing and DIGI-dewarp

Customized Watermark

Add the ownership of the exported videos

Instant Export with Portable NVRPlayer

Quickly export videos when finding key moment; Use NVRPlayer to see what you playback on Backup Server

Double Backup to USB Storage Devices

Solidly backup valuable videos for long-term storage purpose

■ Self-monitoring and Compatibility

Event & Action Management

Smart server self-monitoring and instant notification

Highly Integrated with UPS Device

Save important videos firmly and securely for unexpected electrical power lost

Multi-language Support

Support various regional languages for global users

Technical Specification

Video Backup	
Model Name	DBS-2224
Supported Channel	24 channels
Video Format	AVI format
File Format ¹	H.265, H.264, MJPEG, MPEG-4, MxPEG, ZIPStream
Video Type	Normal and Event
Video Backup Schedule	Yes, Define by camera channel
Automatic Recycle	(1) Max. days of each camera (2) Total capacity percentage
Disk Management	Linear (JBOD), RAID 0/1
S.M.A.R.T HDD Health Monitoring	Yes, support report export
Remote Playback	
Multi-channel Playback	1/4/5/9/16-channel simultaneous playback
Multi-server Playback	Up to 16 channels from multiple backup servers
Search Mode	Date, time, channel, video type
Control	Rewind, Slow motion, Fast forward, Backward/Forward playback, Advanced setting for Backward/Forward button, DIGI-dewarp, ROI, Time-divided search, Snapshot, Customized watermark
Export	Yes, including instant export while playback
Video Player	Installation-free NVRPlayer with multi-channel playback
User Interfaces	Remote Client with login shortcut
iOS and Android Support	Yes, for single view playback
Local Playback	
Multi-channel Playback	1/4/5/9/16-channel simultaneous playback
Search Mode	Date, time, channel, video type
Control	Rewind, Slow motion, Fast forward, Backward/Forward playback, Advanced setting for Backward/Forward button, DIGI-dewarp, Snapshot
Export	Yes, export to USB storage device
Playback via USB Device	Yes, exported from DIGIEVER NVR/ DIGIEVER Backup server

Security Management	
User Privilege	Administrator, Power user and User
User Management	Random password sent by Email, Account expiration by assigning a specific date, Strong password policy, Account deletion by power user & user
Timeout Setting	Set up auto timeout period
Reboot Auto Access	Yes, for unstable electric environment
Log Information	Hardware log, System log, Event log, File access log, Current user log and Historical user log
Event & Action Management	
Self-monitoring	(1) <u>Server Events</u> : Connection lost, UPS low power warning, storage threshold warning, abnormal shutdown, external event (HTTP in), NVR digital input (DIGI-GPIO) (2) <u>Storage Events</u> : RAID Degraded/Failed/Rebuilding (3) <u>Hardware Events</u> : CPU temperature, system fan, HDD error, HDD failed
Remote Notification	E-Mail notification, SMS, buzzer alarm, SNMP trap, external IO box, stack light, user-defined action (HTTP out), NVR digital output (DIGI-GPIO)
Network Service	
Protocol Support	HTTP, TCP/IP, DHCP, Static IP, DNS, DDNS, UPnP, FTP, NTP, SMTP
Two LAN Port Applications	Shard IP, Separated IP, Link aggregation
File Sharing Service	Windows networking, FTP service (support active & passive mode setup)
Built-in Servers	Built-in DHCP/NTP server
Remote PC Requirements	
Operating System	Windows® 10/11
CPU	Intel® i7 CPU or above
Memory	16G or above
Browser in Windows OS	Microsoft® Edge, Chrome, Firefox, Opera, Safari

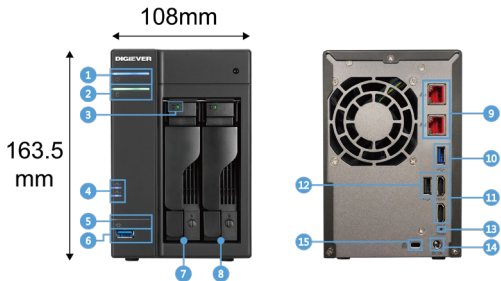
Hardware Specification	
Operating System	Linux-embedded
CPU	Intel® Quad-core CPU
Form Factor	Tower
HDD Tray	2 (Hot Swappable)
Storage Capacity per HDD	18TB
Maximum Capacity ²	Up to 36TB (2 x 2.5"/3.5" SATA II/III HDD or 2.5" SSD)
LAN Port ³	2 x 2.5 Gigabit LAN
USB Connector	Front: 1 x USB 3.2 Gen 2x1 (For USB Backup), Rear: 1 x USB 3.2 Gen 2x1, 1 x USB 2.0
Video Output Connector	2 x HDMI 2.0b (For local configuration)
GPIO	DIGI-GPIO (optional purchase)
Operating Temperature	0~40°C
Operating Humidity	5~95% R.H.
Certification	CE, UKCA, FCC, BSMI, VCCI
H/W Dimensions	163.5 (H) x 108 (W) x 230 (D) mm 6.43 (H) x 4.25 (W) x 9.05 (D) inch
Power Supply	External power adapter: 65W Input power voltage: 100~240V AC

* All designs and specifications are subject to change without prior notice.

Note1. DIGIEVER NVR supports H.264, MPEG4, MJPEG, MxPEG format for local playback.

Note2. The standard system is shipped without HDD.

Note3. User is advised to connect Backup Server and DIGIEVER NVR with gigabit switch.

Hardware Appearance	
	
1. Power LED Indicator	9. 2 x 2.5 Gigabit RJ45 Port
2. System LED Indicator	10. 1 x USB 3.2 Gen 2x1
3. HDD LED Indicator	11. 2 x HDMI 2.0b (upper port is HDMI1, lower port is HDMI2)
4. Network LED Indicator	12. 1 x USB 2.0
5. USB backup button with LED indicator	13. Reset Button
6. 1 x USB 3.2 Gen 2x1 (for auto video backup)	14. DC Input
7. HDD1	15. K-lock (for standard keyed lock size: 7 x 3 mm)
8. HDD2	

DIGIEVER Authorized Dealer: