

32
CH **DFS-4232-RM**





Monitor



Failover



Failback

Linux-embedded NVR Failover Server

■ Flexible N+1 Monitor Architecture

Monitor 4 NVRs by default (up to 16 NVRs by licenses)

■ Pre-built 64/32-channel Licenses

Simultaneous recording and monitoring for emergency

■ Three modes to ensure 24/7/365 uninterrupted monitoring and recording:

• Monitor Mode

Check NVR and RAID status in user-defined time interval (30~180 seconds)

• Failover Mode

Take-over failed NVR and start monitoring & recording as NVR.

• Failback Mode

Seamlessly synchronize recorded videos during take-over period to NVR in real-time and switch to monitor mode once synchronization is complete.

■ Advanced Failover Detection

User-defined interval time to enable takeover for unstable network environment

■ NVR Take-over Priority

Setup priority for take-over when two NVR's fail, ensuring critical surveillance tasks are prioritized.

■ Playback Videos Anytime

Timely view videos saved in failover server on DIGIEVER NVR

■ Highly Integrated with UPS Device

Maintain surveillance functionality and keep you safer

■ Various Video Backup Methods

Easily backup your important videos via external USB storage devices, NAS or FTP server

■ 18TB High Storage Capacity per HDD

Possess up to 72TB storage capacity

■ Optional Storage Expansion Ability

Expand extra storage capacity via iSCSI Server

■ Complete RAID Levels

Increase server reliability to protect crucial video data

■ Hot Swappable HDD Design

Replace the failed HDD on runtime

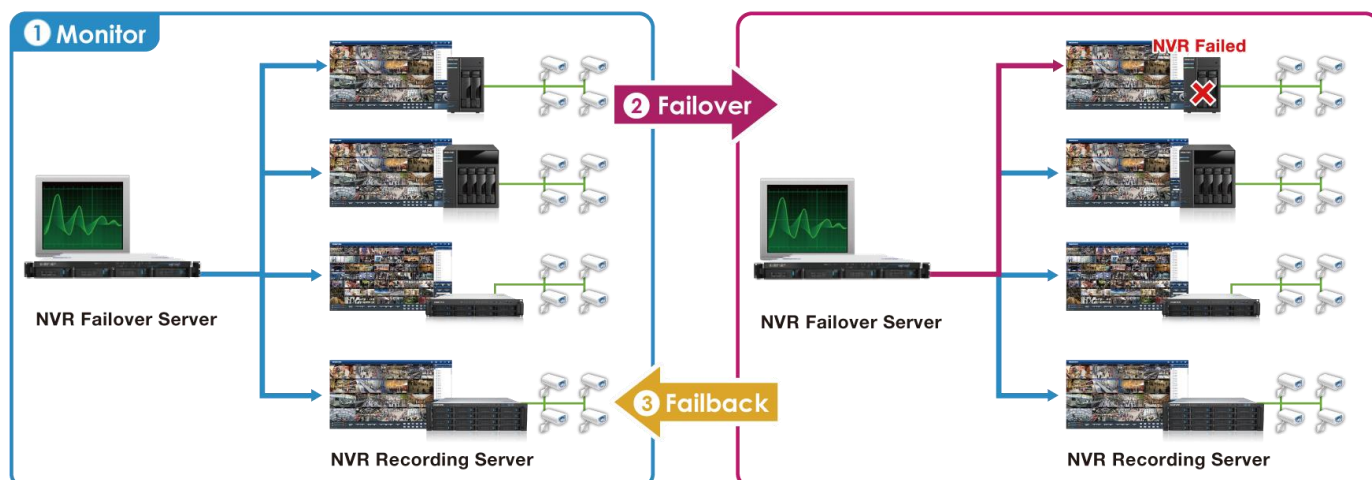
■ S.M.A.R.T HDD Health Monitoring & Report Export

Prevent video loss from HDD failure in advance

■ Multi-language Support

Satisfy localized user experience

Applications



Technical Specifications

Failover Ability

Smart Monitoring	Monitor 4 NVRs by default (Optional up to 16 NVRs by license)	Advanced Failover Detection	Yes, to set up when to take over ° When network connection failure with NVR : 1~10 times (3 times in default)
NVR Failover	Yes, within one minute	Liveview & Playback	<ul style="list-style-type: none"> Local Remote browser Web Surveillance: Web Liveview & Web Playback Mobile devices (iOS & Android)
NVR Failback	Yes, within one minute. <ul style="list-style-type: none"> Data Synchronization to NVR Keep monitoring NVRs. 	Monitoring Time Interval setup	Yes, 30~180 seconds (60 seconds in default)
Recording Resolution	Up to 12 Megapixel	Video Export & Backup	Yes, to USB storage device/NAS
Failover Recording Mode	1. NVR network disconnection 2. NVR is connected but not recording. 3. NVR fails to recycle video files 4. NVR's HDD failed		

Security Management

Log System	Hardware log, System log, event log, current user log, historical user log and file access log		
Access Number Control	The access user number is allowed to be limited		

Network Service

Protocol Support	HTTP, TCP/IP, DHCP, Static IP, DNS, DDNS, UPnP, FTP, NTP, SMTP, IPv6 (for NVR)		
Two LAN port Applications	Shared IP, Separated IP, Link aggregation	File Sharing Service	Windows networking, FTP service (Active & Passive mode setup)

Remote Web Browser PC Requirement

Operating System	Windows® 10/11	Memory	16G or above
CPU	Intel® i7 CPU or above	Browsers	Microsoft® Edge, Chrome, Firefox, Opera, Safari

Hardware & System

CPU	Intel® High Performance CPU	Operating System	Linux-embedded
HDD Tray	4 (Hot Swappable)	Storage Volume	Up to 4 Volumes (Global Hot Spare)
Maximum Capacity¹	Up to 72 TB (18TB per HDD) Support 2.5"/3.5" SATA II/III HDD or SSD	Disk Management	Linear (JBOD), RAID 0/1/5/6/10
LAN Port²	2 x 2.5 GbE	Operating Temperature	0~40°C
Video Output Connector	2 x HDMI 2.0a (For Dual Display)	Operating Humidity	5~95% R.H.
USB Connector	6 x USB 3.2 Gen 1x1 (Front 2, Rear 4)	Power Supply	Input: 100~240V AC, 50/ 60Hz Output: 250W
GPIO	4-in, 4-out	Power Consumption	65W (with 4 x 500GB HDD installed and in RAID 5 building process)
Certification	CE, UKCA、FCC, BSMI, VCCI	H/W Dimensions	45.4 (H) x 430 (W) x 548 (D) mm 1.78 (H) x 16.9 (W) x 21.5 (D) inch
Supported Languages	Bulgarian, Croatian, Czech, Dansk, Deutsch, Dutch, English, Finnish, French, Indonesian, Italian, Japanese, Korean, Hebrew, Hungarian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish, Tradition Chinese, Simplified Chinese, Vietnamese		

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

Note: 1. The standard system is shipped without HDD.

2. User is advised to connect Failover Server and DIGIEVER NVR with gigabit switch.

Hardware Appearance



- HDD LED indicator
- Network LED indicator
- Power LED indicator
- One-touch backup button with LED indicator
- 2 x USB3.2 Gen 1x1 (Front)
- 6~9. HDD 1 to HDD 4
- Reset button
- Digital Input/Digital Output (4-in, 4-out)
- 2 x 2.5 GbE ports
- 4 x USB 3.2 Gen 1x1 (Rear)
- 2 x HDMI 2.0a outputs
- Power connector

Dimensions (1U Chassis)

