DIGIEVER

DFS-4220 / DFS-4236

Multi-NVR NVR Failover Server

3 Failback
NVR restores its original video recording and monitoring function

1 Monitor
Check NVR and HDD status every minute

2 Failover
Take over failed NVR recording server

20 CH — **DFS-4220** Supported Channels 20CH

36 CH — **DFS-4236** Supported Channels 36CH

intel inside™

Key Feature

- **Flexible N+1 Monitor Architecture**
  Monitor 4 NVRs by default (up to 16 NVRs by

- **Pre-built 36-channel Licenses**
  Simultaneous recording and monitoring for emergency

- **NVR Failover**
  Ensure 24/7/365 video monitoring, recording and event notification

- **Advanced Failover Detection**
  User-defined interval time to enable takeover for unstable network environment

- **Playback Videos Anytime**
  Timely view videos saved in failover server on DIGIEVER NVR

- **NVR Failback & Video Synchronization**
  To allow original surveillance service, Failover Server will stop take over and upload recorded videos to the failed NVR.

- **16TB High Storage Capacity per HDD**
  Possess up to 64TB storage capacity

- **Complete RAID Levels**
  Increase server reliability to protect crucial video data

- **Hot Swappable HDD Design**
  Replace the failed HDD on runtime

- **Highly Integrated with UPS Device**
  Maintain surveillance functionality and keep you safer

- **S.M.A.R.T HDD Health Monitoring**
  Prevent video loss from HDD failure in advance

- **Various Video Backup Methods**
  Easily backup your important videos

- **Multi-language Support**
  Satisfy localized user experience

Compatible Network Camera Brands and Partners

AXIS, ACTi, afidus, AIPHONE, Air Live, AirLive, A-MTK, APPRO, Arecont Vision, AVTECH, avigilon, BASLER, belkin, BlueEyes, BOSCH, Brickcom, BUFFALO, Canon, certis, centrix, CP PLUS, CNB, D-Link, dahua, DIVIO, DYNACOLOR, ETROVISION, EverFocus, Genie, GeoVision, GIGAMEDIA, GRUNDIG, HOPRO, HIKVISION, hiQview, HUNT, huvizon, iCANTEK, IDIS, iMege, Infinova, Intelbras, JVC, KAAISKY, LG, LILIN, Linear, LINKSYS, MESSOA, MOBOTIX, micae, NECOM, optimus, Panasonic, PIXORD, PLANET, PROBE, PROMELIT, PROTION, QUATRE-PLAN, QIHAN, SAMSUNG, SANYO, SECUBEST, SecuRex, SILANY, SONY, SpezVision, SPRO, STAR-NET, UNELL, Surveon, TAKEX, TANTOS, TESCOM, TOPICA, TDA, TriClouds, TVT, UDP, viseo, VIVOTEK, YOKO, YUDOR, XeronVision, ZINWELL, ZNV, 3S

Technical Alliance

AXIS ADP Program, intel inside, Onvif, Seagate, WD, asustor

Technical Specifications

Failover Ability

Smart Monitoring	Monitor 4NVRs by default (Optional up to 16 NVRs by license)
Recording Resolution	Up to 10 Megapixel
NVR Failover	Yes, within one minute
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
NVR Failback	Yes, within one minute
Advanced Failover Detection	Yes, to set up when to take over
Local Liveview & Playback	Yes
Remote Liveview & Playback	Yes
Mobile Device Monitoring	Yes, iOS and Android device
Video Export & Backup	Yes, to USB device/ DIGIARRAY/ NAS

Reliability

RAID Level	JBOD, RAID 0,1,5,6,10
S.M.A.R.T HDD Health Monitoring	Yes

Security Management

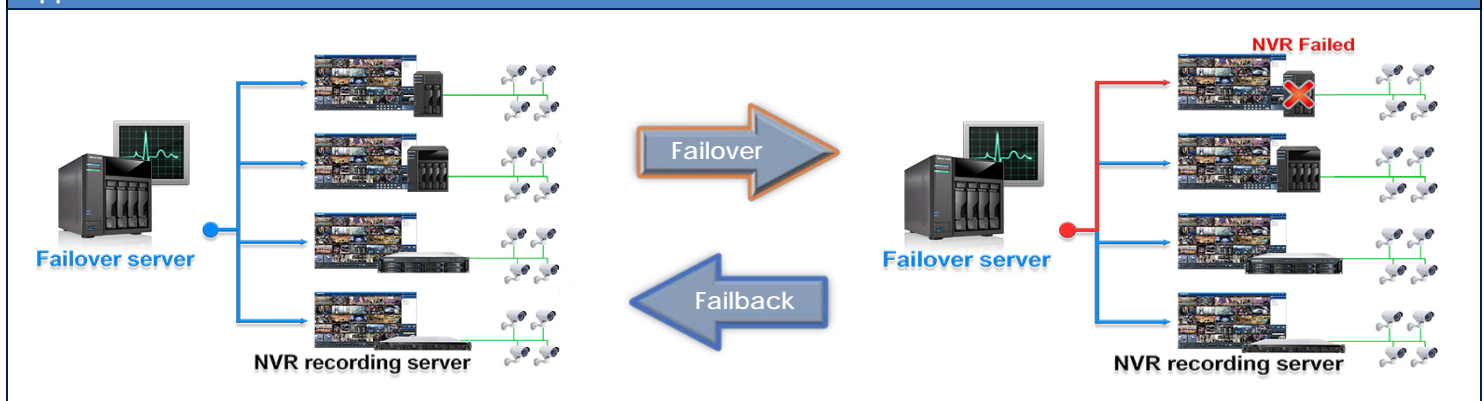|	
Log System	Hardware log, System log, event log, current user log, historical user log and file access log
Access Number Control	The access user numbers is allowed to be limited

Network Service

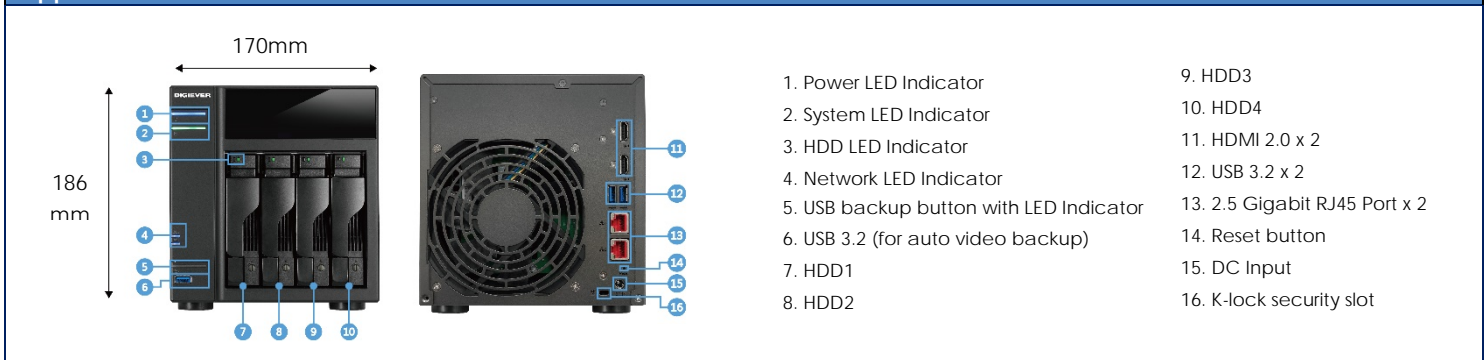|	
Protocol Support	HTTP/HTTPS, TCP/IP, DHCP, Static IP, DNS, DDNS, UPnP, FTP, NTP, SMTP and IPv6 (for NVR)
File Sharing Service	Windows networking, FTP service

Hardware Specification

Operation System	Linux-embedded	Operating Temperature	Temperature 0~40°C (32°F~104°F)
CPU	Intel Quad-core CPU	Operating Humidity	Humidity 5%~95% R.H.
HDD Tray	4 (Hot Swappable)	Power Supply	External power adaptor, 65W Input: 100V to 240V AC
Storage Capacity per HDD	Up to 16TB	Power Consumption	13.8W~35W
Maximum Capacity	Up to 64TB (HDD 2.5" / 3.5" SATA II/ III or SSD)		
LAN Port[2]	2.5 Gigabit Ethernet x 2 (2.5G/1G/100M)	Certification	CE, FCC, BSMI, VCCI, C-TICK
USB Connector	USB 3.2 x 3	H/W Dimensions	185.5(H) x 170(W) x 230(D) mm
Video Output Connector	HDMI 2.0 x 2		7.30(H) x 6.69(W) x 9.05(D) inch

Applications

Appearance

1. Power LED Indicator
2. System LED Indicator
3. HDD LED Indicator
4. Network LED Indicator
5. USB backup button with LED Indicator
6. USB 3.2 (for auto video backup)
7. HDD1
8. HDD2
9. HDD3
10. HDD4
11. HDMI 2.0 x 2
12. USB 3.2 x 2
13. 2.5 Gigabit RJ45 Port x 2
14. Reset button
15. DC Input
16. K-lock security slot

Note1. The standard system is shipped without HDD.   Note2. User is advised to connect Failover Server and DIGIEVER NVR with gigabit switch.
*All designs and specifications are subject to change without prior notice.

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