

DBS-4016

# 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

#### 16-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

#### 12TB High Storage Capacity

Support up to 3TB hard disk drive

#### Flexible Storage Expansion Ability

Expand extra 112TB storage capacity via DIGIARRAY

### ■ 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

Prevent video loss from HDD failure in advance

#### Optional Redundant Power Supply

Ensure video backup functionality

### ■ Playback and Double Backup

#### Directly Playback Video on Backup Server

View videos on 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 DIGIMobileV2 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 and panomorph 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 DIGIARRAY/ USB 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

## Software Specification

Video Backup	
<b>Model Name</b>	DBS-4016
<b>Supported Channel</b>	16 channels
<b>Video Format</b>	AVI format
<b>File Format<sup>1</sup></b>	H.265/ H.264/ MJPEG/ MPEG-4/ MxPEG/ Axis Zip Stream
<b>Video Type</b>	Normal and Event
<b>Video Backup Schedule</b>	Yes, Define by camera channel
<b>Automatic Recycle</b>	(1) Max. days of each camera (2) Total capacity percentage
<b>Disk Management</b>	Linear (JBOD), RAID 0/1/5/6/10
<b>S.M.A.R.T HDD Health Monitoring</b>	Yes

Remote Playback	
<b>Multi-channel Playback</b>	1/4/5/9/16-channel simultaneous playback
<b>Multi-server Playback</b>	Up to 16 channels from multiple backup servers
<b>Search Mode</b>	Date, time, channel, video type
<b>Control</b>	Rewind, Slow motion, Fast forward, Frame by Frame Playback, Panomorph, ROI, Time-divided search, Snapshot, Customized watermark
<b>Export</b>	Yes, including instant export while playback
<b>Video Player</b>	Installation-free NVRPlayer with multi-channel playback
<b>User Interfaces</b>	Remote Client with login shortcut
<b>iOS and Android Support</b>	Yes, for single view playback

Network Service	
<b>Protocol Support</b>	HTTP, TCP/IP, DHCP, Static IP, DNS, DDNS, UPnP, FTP, NTP, SMTP
<b>File Sharing Service</b>	Windows networking, FTP service
<b>Built-in Servers</b>	Built-in DHCP/NTP server

Security Management	
<b>User Privilege</b>	Administrator, Power user and User
<b>User Management</b>	Random password sent by Email, Account expiration by assigning a specific date
<b>Timeout Setting</b>	Set up auto timeout period
<b>Reboot Auto Access</b>	Yes, for unstable electric environment
<b>Log Information</b>	Hardware log, System log, Event log, File access log, Current user log and Historical user log

Event & Action Management	
<b>Self-monitoring</b>	(1) <b>Server Events:</b> Connection lost, UPS low power warning, storage threshold warning, abnormal shutdown, external event (HTTP in), built-in digital input (2) <b>Storage Events:</b> RAID Degraded / Failed / Rebuilding (3) <b>Hardware Events:</b> CPU temperature, CPU fan, system fan, HDD error, HDD failed
<b>Remote Notification</b>	E-Mail notification, SMS, buzzer alarm, SNMP trap, external IO box, stack light, user-defined action (HTTP out), built-in digital output

Remote PC Requirements	
<b>OS (32 and 64-bit)</b>	Windows Vista / 7 / 8 / 10
<b>CPU</b>	Intel i5/i7 CPU 3.3GHz or above
<b>Memory</b>	DDR3 8G or above

## Hardware Specification

<b>Operating System</b>	Linux-embedded	<b>USB Connector</b>	USB2.0 × 1 (Front), USB2.0 × 2 ( Rear )
<b>CPU</b>	RISC	<b>GPIO</b>	4-in, 2-out
<b>Form Factor</b>	Tower	<b>Operating Temperature</b>	0~40°C
<b>HDD Tray</b>	4 (Hot Swappable)	<b>Operating Humidity</b>	0~95% R.H.
<b>Storage Capacity per HDD</b>	3TB	<b>Certification</b>	CE, FCC, BSMI, VCCI, C-Tick
<b>Maximum Capacity<sup>1</sup></b>	Up to 12TB (2.5"/3.5" SATA HDD x 4)	<b>H/W Dimensions</b>	245.8(D) x 205.3(W) x 184.94(H) mm 9.68(D) x 8.08(W) x 7.28(H) inch
<b>LAN Port<sup>2</sup></b>	Gigabit Ethernet x 1	<b>Power Supply</b>	External power adaptor, 60W Input: 19VDC, 3.42A

## Product Appearance

246mm

185mm

206mm

1. LED indicators: LAN, eSATA, HDD1~4
2. Power button
3. USB BACKUP button
4. USB 2.0 x 1
5. HDD1
6. HDD2
7. HDD3
8. HDD4
9. Gigabit LAN x 1
10. USB 2.0 x 2
11. eSATA x 2
12. DI/DO (4 in 2 out)
13. Reset button
14. Power connector
15. K-lock security slot

### Authorized Dealer:

Note1. The standard system is shipped without HDD.  
Note2. User is advised to connect Backup Server and DIGIEVER NVR with gigabit switch.

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