



# Disk Station DS408

Ultra-High Speed NAS Server for Small Businesses and Corporations. Supports 4x 1TB Drives, Gb LAN port, and Windows ADS Authentication.

## Key Features

- Ultra-High Speed
- RAID 1/5 Data Protection
- Windows ADS Support
- IP Camera Surveillance Solution
- CIFS Network Recycle Bin
- Encrypted Network Backup & FTP
- Effortless PHP+MySQL Website Hosting
- Remote Server Management with a Web Browser
- Super Power Saving (24W~ 61.9W)

### ULTRA-EFFICIENT & FLEXIBLE

DS408 provides ultra-speedy data transmission and powerful computing capability, which is not only suitable for corporate environments that demand efficiency, but also a great choice for power users who massively access data on the server.

### WORK WITH WINDOWS ADS

DS408 is compatible with Windows ADS. Windows domain users are able to access data shared from DS408 when they pass the Active Directory authentication. This will greatly save your time on creating large amount of accounts for the domain users.

### IP CAMERA VIDEO RECORDING

When connecting IP cameras to the network and recording the videos to the DS408, Surveillance Station provides you an economical network video recording solution. On Surveillance Station, you can watch the camera-monitored area on a real-time basis, and also view and manage the recorded video clips. Feel free to choose either the continuous or motion-detection recording mode that best fits your need.

### FLEXIBLE STORAGE MANAGEMENT

DS408 allows you to create RAID 0, RAID 1, or RAID 5 volume on it. Also DS408 has the flexibility to assemble smaller hard drives first, and expand RAID 1 or RAID 5 volume by replacing existing hard drives with larger ones one by one when the budget is allowed. When the hard drives on DS408 are full, you can expand more storage simply by attaching an external hard drive to the USB port of DS408.

### SECURITY ENHANCEMENTS

- Encrypted FTP allows you to transmit data using "FTP over SSL" or "FTP over TLS" option.
  - HTTPS support encrypts all HTTP connections with SSL transport mechanism.
  - Encrypted Network Backup ensures Network Backup is done with encrypted data transmission.
- You no longer need to worry about critical data being exposed in danger.

### TOTAL BACKUP SOLUTIONS

Data backup is so important but people tend to ignore it, DS408 makes data backup so complete and automatic that backups are always done without your attention. You can always find the backup alternatives that fit your needs.

- Network Backup is designed for you to back up data from DS408 to another Synology product that also supports Network Backup function or rsync-compatible server.
- Local Backup allows you to back up data from DS408 to external hard drive attached to DS408 via the USB port.
- Desktop Backup simplifies desktop backup with Synology Data Replicator 3. PC users will enjoy the easy-to-use backup tool to back up important data automatically.

### SHARE FILES BETWEEN WINDOWS AND MAC

DS408 is designed for Windows users and Mac users to share files seamlessly. Windows users can access DS408 via Samba and FTP, and Mac users via Samba, FTP, and AFP. Unicode support allows sharing files smoothly in different languages.

Even more, File Station is a great way for you to remotely access and manage files stored on DS408. Simply use a web browser to connect to DS408, and you'll have total control over the files. With File Station, moving files among shared folders will now be only seconds away!

### OTHER FEATURES

- Web Station with PHP+My SQL
- Download Station
- Multimedia Service
- iTunes Server
- Photo Station 3
- USB Printer Sharing

## CONNECTIONS & BUTTONS



## Technical Specifications

### Hardware

- CPU Clock Rate: 800 MHz
- RAM Size: 512MB
- Internal HDD: 3.5" SATA(II) X4
- External HDD Interface: USB 2.0 port X2
- Size (mm): 168(H) X 184(W) X 230(D)
- Weight: 2.23kg
- LAN: Gigabit X1
- Fan: X1 (80 x 80mm)
- Power Recovery
- AC Input Power Voltage: 90V to 230V
- DC Output Power Voltage: 12V
- Power Frequency: 50Hz to 60Hz, Single Phase
- Max Capacity (Internal HDD): 4 TB
- Max Supported IP Camera #: 10
- Operating Temperature: 5°C to 35°C (40°F to 95°F)
- Storage Temperature: -10°C to 70°C (15°F to 155°F)
- Relative Humidity: 5% to 95%RH
- Maximum Operating Altitude: 10,000 feet

### Power Consumption<sup>(1)</sup>

- 61.9W(Access); 24W(Hibernation)

### Certification

- FCC Class B, CE Class B, BSMI Class B

### Networking Protocols

- CIFS
- AFP (3.1)
- FTP

### Windows ADS Domain Integration

- ADS Support
- Domain users login via Samba/AFP/FTP
- Synology Data Replicator 3 for Domain Users

### Security

- "FTP over SSL (explicit)" or "FTP over TLS (explicit)"
- Encrypted Network Backup
- HTTPS Connection
- FTP Auto-Block

### File System

- EXT3
- FAT (External Disk Only)
- NTFS (External Disk Read Only)

### File Sharing

- Max User Accounts: 2,048
- Max Groups: 256
- Max Shared Folder: 200
- Max Concurrent Connections: 128

### Utilities

- Synology Assistant
- Synology Data Replicator 3
- Synology Download Redirector

- Add printer wizard

### Applications

- Surveillance Station
- Photo Station 3
- File Station
- Audio Station
- Web Station
- PHP/MySQL
- Download Station
- iTunes Server

### UPnP Multimedia Service Support

- Audio Format: AAC, FLAC, M4A, MP3, Ogg Vorbis, WAV, WMA, WMA VBR, WMA PRO, WMA Lossless
- Video Format: ASF, AVI, DAT, DivX, MP4, MPEG1, MPEG2, MPEG4, VOB, WMV, XviD
- Image Format: BMP, JPG (jpe, jpeg), GIF, ICO, PNG, PSD, TIF (tiff), UFO
- Playlist Format: WPL, M3U

### iTunes Server Support

- Audio Format: MP3, M4A<sup>(4)</sup>, M4P<sup>(4)</sup>
- Playlist Format: M3U, WPL

### Audio Station Support

- Audio Format: AAC, FLAC, M4A, MP3, Ogg Vorbis, WMA, WMA VBR
- Playlist Format: M3U, WPL
- Internet Radio: SHOUTcast, Radioio

### Photo Station 3 Support

- Video Format: ASF, AVI, MPEG1, MPEG4, WMV, XviD, DivX, DAT<sup>(2)</sup>, MP4<sup>(2)</sup>, MPEG2<sup>(2)</sup>, RM<sup>(2)</sup>, RMVB<sup>(2)</sup>, VOB<sup>(2)</sup>
- Image Format: BMP, JPG (jpe, jpeg), GIF

### Management

- AJAX-based Management UI
- BitTorrent Port Range Setup
- BitTorrent DHT Support
- CIFS Recycle Bin
- Download Station Bandwidth control
- Download Station Port Range Setup
- Editable HTTP Error Page
- Email Alert Message
- Email Notification for New User
- External HDD Hibernation (USB)
- Scheduled Power On/Off
- Firmware Upgrade
- FTP passive port range
- Hide-able Shared Folder
- Internal HDD Hibernation
- Movable Shared Folder
- Removable Default Shared Folder
- System Temperature
- Ez-Internet
- PPPoE
- Telnet/SSH Support
- UPS Management (Over USB 2.0)
- User Quota
- Web-based Download Station

### RAID Management

- Volume Type: Basic, RAID 0, RAID 1, RAID 5
- Upgrade from Basic to RAID 1
- Expand RAID 1 or RAID 5 with Larger Hard Drives
- Expand RAID 5 by Adding a Hard Drive On The Fly

### Backup Solutions

- Network Backup
- Local Backup
- Desktop Backup (using Synology Data Replicator 3)

### 3rd-Party Backup Support

- Acronis True Image
- Symantec Backup Exec
- EMC Retrospect
- LaCie SilverKeeper

### Supported Clients

- Windows 2000 onward
- Mac OS X 10.3 onward

### Printer Support(3)

- Max Printer #: 1
- Supported Protocols: LPR, CIFS, AppleTalk

### Languages

- English, Danish, Dutch, French, German, Italian, Norwegian, Polish, Russian, Spanish, Swedish, Japanese, Korean, Traditional Chinese, Simplified Chinese.

### Environment

- RoHS Compliant

### Package Content

- DS408 Main Unit
- Installation CD
- Welcome Note
- Assembling Kit
- AC Power Cord
- AC Power Adapter
- 2M RJ-45 LAN Cable

(1) Measured with 4 Seagate 750GB ST3750640NS hard drives. The figures could vary on different environments.

(2) User can click and download the file, but not play it in Photo Station as compressed Flash video.

(3) For Mac users, DS408 supports PostScript USB printers only.

(4) The music can be streamed, but may not be indexed on the iTunes.

## PROTECT OUR EARTH

All Synology products are designed with the concept of energy savings in mind. Compared with PC server products, Synology products consume relatively far less power than their PC counterparts. It not only saves your money, but also saves The Earth.

All Synology products are produced with RoHS compliant parts and packed with recyclable packing materials. Synology recognizes its responsibility as a global citizen and is continually working to reduce the environmental impact of the products we create.

## SYNOLOGY INC.

Synology Inc, founded in April of 2000, is dedicated to bringing a NEW NAS experience to the public. It aims to provide people with an easy-to-use, feature-rich, energy efficient, and affordable way of storing and sharing digital content. Synology products are designed with resource savings in mind - energy efficient, small footprint, and environmentally friendly. Users' investments are protected with free software upgrades and 24/7 online support. This makes Synology products an ideal choice for users from the Home, Small Workgroup, Small Business, and Corporate settings.

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## Networking

