



# Disk Station DS107

Cost-effective 1-bay SATA NAS Server for Home and Small Workgroups

## Key Features

- Cool & Quiet Design
- Power Saving (10W ~ 27W)
- AJAX-based Management Interface
- IP Camera Video Recording
- Internet Photo+Video+Blog Sharing
- BT/FTP/HTTP Download without PC
- Remote File Management with a Web Browser
- Music, Internet Radio, and iPod Playback to USB Speakers
- Website Hosting with PHP+MySQL
- USB Printer Sharing
- Total Backup Solutions

### WORK WITH WINDOWS ADS

DS107 is compatible with Windows ADS domain. Windows domain users are able to access data shared from DS107 when they pass the Active Directory authentication. This will greatly save your time on creating large amount of accounts for the domain users.

### 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.

### SHARE FILES BETWEEN WINDOWS AND MAC

DS107 is designed for Windows users and Mac users to share files seamlessly. Windows users can access DS107 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 DS107. Simply use a web browser to connect to DS107, and you'll have total control over the files. With File Station, moving files among shared folders will now be only seconds away!

### BUILD UP DYNAMIC WEBSITE

Web Station runs Apache web server that allows you to publish website with only few steps. With pre-installed PHP+MySQL, you are free to install popular blog or bulletin board programs on DS107. No advanced IT knowledge is required to build up your community.

### TOTAL BACKUP SOLUTIONS

Data backup is so important but people tend to ignore it, DS107 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 DS107 to another Synology product that also supports Network Backup function or rsync-compatible server.
- Local Backup allows you to back up data from DS107 to external hard drive attached to DS107 via the USB port or eSATA 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.

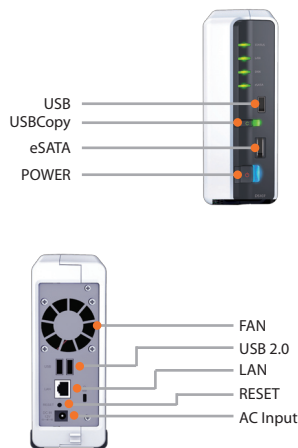
### COOL AND QUIET

DS107 has a brand new enclosure design. The elegant white cover, superb ventilation airflow, and quiet fan operation, bring DS107 to a new level of Synology Disk Station series.

### OTHER FEATURES

- Surveillance Station
- Photo Station 3
- Expand external hard drive via USB port or eSATA port
- Audio Station
- Download Station
- Multimedia Service
- iTunes Server
- USB Printer Sharing

## CONNECTIONS & BUTTONS



## Technical Specifications

### Hardware

- CPU Clock Rate: 266 MHz
- RAM Size: 64MB
- Internal HDD: 3.5" SATA(II) X1
- External HDD Interface: USB 2.0 port X3, eSATA port X1
- Size: 160mm X 218mm X 63mm
- Weight: 0.81kg
- LAN: Gigabit X1
- Fan: X1(50mmX50mm)
- Power Recovery
- AC Input Power Voltage: 100V to 240V
- Power Frequency: 50Hz to 60Hz, Single Phase
- Max Capacity (Internal HDD): 1 TB
- Max Supported IP Camera # : 2
- 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(1)

- 24.9W(Access); 10W(Hibernation)

### Certification

- FCC Class B, CE Class B, BSMI Class B, VCCI 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: 128
- Max Groups: 64
- Max Shared Folder: 100
- Max Concurrent Connections: 32

### 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, 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, M4P
- Playlist Format: M3U, WPL

### Audio Station Support

- Audio Format: AAC, 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(2), MP4(2), MPEG2(2), RM(2), RMVB(2), VOB(2)
- Image Format: BMP, JPG (jpe, jpeg), GIF

### Management

- AJAX-based Management UI
- Download Station Bandwidth control
- Download Station Port Range Setup
- Editable HTTP Error Page
- Email Alert Message
- Email Notification for New User
- External HDD Hibernation (eSATA, USB)
- Firmware Upgrade
- FTP passive port range
- Hide-able Shared Folder
- Internal HDD Hibernation
- Port range for BitTorrent
- Removable Default Shared Folder
- Ez-Internet
- PPPoE

- UPS Management (Over USB 2.0)
- User Quota
- Web-based Download Station

### Backup Solutions

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

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

### Environment

- RoHS Compliant

### Package Content

- DS107 Main Unit
- Installation CD
- Welcome Note
- Assembling Kit
- AC Power Adapter
- AC Power Cord
- 2M RJ-45 LAN Cable

(1) Measured with 1 Seagate 750GB ST3750640NS hard drive. 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, DS107 supports PostScript USB printers only.

## 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

