D-Link
Building Networks for People

Product Highlights

Create a Personal Cloud

Use the mydlink mobile app to set up and monitor a personal cloud that allows remote users to access files from any device

Add Storage Drives with Ease

Just open the top to insert up to two storage drives quickly and easily

Stream, Store, and Backup

Watch HD entertainment, manage your files, and back up your most important data securely

mydlink cloud services

DNS-320L

ShareCenter 2-Bay Cloud Network Storage Enclosure

Features

Connectivity

- Two easy-to-load load hard drive bays accept any capacity 3.5" SATA internal drive
- Gigabit Ethernet connectivity provides high speed network transfers
- USB 2.0 port to connect additional external storage or multifunction printer

Cloud Enabled

- mydlink-enabled to let you access, download, upload, or delete files and folders from anywhere using a mobile device
- Remotely share media using a mobile device app or on a PC through the mydlink portal

Media Streaming

- DLNA Certified media server
- Photo Center software
- iTunes media server
- Peer to peer download engine
- My Surveillance connects to your Cloud Cameras for camera viewing, recording, and playback

Backup Options

- Feature-rich backup software makes protecting your data easier than ever
- Supports local, remote, USB, and cloud backup
- Supports Apple Time Machine
- RAID 1 technology helps protect your data

The DNS-320L ShareCenter 2-Bay Cloud Network Storage Enclosure is an easy-to-use solution for accessing, sharing, and backing up your important data by creating your own personal cloud. Keep all of your data safely stored and protected at home, and still have it at your fingertips with a sleek, award-winning NAS solution.

Share Your Files from Anywhere

The ShareCenter 2-Bay Cloud Network Storage Enclosure includes a web file server which allows you to download your documents, photos, and other multimedia files from wherever you are. Once configured, simply log into your ShareCenter using the friendly web user interface to view a list of available files. You can also connect with a mydlink mobile app to access and play music, watch videos, and view photos directly on your mobile device.

Stream Digital Media With a Built-in Media Server

dlna® CERTIFIED

Back up your digital media files to the ShareCenter for safekeeping, and enjoy the benefits of the built-in DLNA® Certified UPnP AV media server. Stream digital content to compatible media players such as the PlayStation® 3, Microsoft® Xbox 360™, or directly to a smart TV. You can also enjoy photo, music, and video streaming remotely through mobile devices.

Flexible, Powerful Storage Performance

Four different hard drive modes are available (Standard, JBOD, RAID 0, RAID 1), which allow you to choose the configuration best suited to your needs. Standard mode creates two separately accessible hard drives. JBOD combines both drives to create a single, easy to use volume. RAID 0 combines both drives in a "striped" configuration for maximum performance. RAID 1 creates a copy of your data on both drives, providing maximum protection; if one drive fails, the unaffected drive continues to function as a single drive until the failed drive is replaced. Your data will automatically be copied to the new drive, allowing the ShareCenter to return to its full level of protection and ensuring your files remain safe.

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Versatile Surveillance

You can use your DNS-320L as a surveillance station for your D-Link Cloud Cameras, with up to 4 channels for live camera viewing, recording, and synchronized playback. It can record based on a schedule you define, and can even recycle recordings automatically for easy, continuous operation.

Easy Installation and Set Up

The DNS-320L can accept any 3.5" internal SATA hard drive, and installing drives is as simple as popping the top and sliding them in. Push the latch button to access the drive bays, then just slide in your storage drives into place and you're ready. A convenient USB port on the back of the ShareCenter can be used to attach a multifunction USB printer to share print, fax, and scan capabilities, or an Uninterruptible Power Supply (UPS) for monitoring. You can also attach an external USB storage drive and use the one-touch backup function.

D-Link Green

For consumers interested in reducing their energy costs and helping to save the environment, D-Link Green™ products provide eco-friendly alternatives without compromising performance. This device uses hard drive power management and Smart Fan speed control to reduce energy costs, minimize noise, and prolong the lifespan of your hard drives.

Technical Specifications

General

Standards	• IEEE 802.3 • IEEE 802.3ab • IEEE 802.3u • TCP/IP • CIFS/SMB • NFS • AFP • DHCP Client • DDNS	• NTP • FTP over SSL/TLS, FXP • HTTP/HTTPS • LLTD • PnP-X • UPnP AV • USB 2.0 • Bonjour • WebDAV
Supported Hard Drive Types	• 3.5" Internal SATA I/II – Supports hard drives with capacities of 4 TB or above[1]	
Ports	• 10/100/1000 Gigabit Ethernet port • USB 2.0 Host port	• Power
LEDs	• Power • USB • LAN (on LAN port)	• HDD 1 • HDD 2

Functionality

Disk Management	• Multiple hard drive configurations:
	  • RAID 0
	  • RAID 1
	  • JBOD
	  • Standard
		• RAID migration from Non-RAID to RAID 1
		• Hard drive format: EXT4
		• Scandisk
		• S.M.A.R.T.
		• Supports Advanced Format HDDs

Account Management	• User account management • Group account management • User/Group quota management	• Network access management • ISO mount management
Download Management	• HTTP/FTP scheduled downloads	• Peer to peer (P2P) downloader

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Backup Management	• Scheduled backup from PC to NAS (D-Link ShareCenter Sync) • Scheduled local backups • Scheduled remote backup	• Apple Time Machine support • USB backup • Cloud backups (Amazon S3)
Surveillance Management	• Supports D-Link Cloud Cameras • Up to 4 channels of Motion JPEG, MPEG4, or H.264 recording • Up to 4 channels of live video • Up to 4 channels of synchronous playback	• Synchronized audio and video recording • Auto recycling of recordings • Supports scheduled and manual recordings • Supports E-maps • Backup of recorded video
Device Management	• Supports Internet Explorer 8, Mozilla Firefox 4, Google Chrome 3, Opera 10, and Apple Safari 4 or higher • System Setup Wizard (Win / Mac) • D-Link Storage Utility (Win / Mac)	• E-mail notifications • SMS notifications • System/FTP log
Power Management	• Power saving mode • Auto power recovery • Scheduled power on/off	• Smart Fan control • D-Link Green Ethernet
Remote File Sharing	• Web file server • FTP server • WebDAV	• Supports mydlink Access NAS app for iPhone, iPad, and Android mobile devices • mydlink portal access
File Sharing	• Max. User accounts: 256 users • Max. Group accounts: 32 groups • Max. shared folders: 128 folders	• Max. concurrent Samba connections: 64 connections • Max. concurrent FTP connections: 10 connections
Physical		
Dimensions	• 90 x 144.3 x 193.3 mm (3.54 x 5.68 x 7.6 inches)	
Weight	• 113.4 grams (0.25 lbs)	
Power	• External DC 12 V / 3 A switching power supply	
Temperature	• Operating: 0 to 40 ˚C (32 to 104 ˚F)	• Storage: -20 to 70 ˚C (-4 to 158 ˚F)
Humidity	• 5% to 90% non-condensing	
Certifications	• CE • FCC	• IC • DLNA
Order Information		
Part Number	*Description*	
DNS-320L	ShareCenter 2-Bay Cloud Network Storage Enclosure	

[1] Maximum capacity may change as hard drive technology develops.

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