



— DNS-120

USB to Ethernet Network Storage Adapter

The D-Link DNS-120 Network Storage Adapter is an attractive solution for home and small office with storage requirements. This device connects your USB drives to the network, and provides authorized users access to their files. You can connect up to 2 external USB hard drives or flash drives to provide instant network access to all stored files. With easy setup and file access security, the DNS-120 Network Storage Adapter provides a fast, simple, and cost-effective way to connect and share storage on the network.

File Access Through Internet

The DNS-120 Network Storage Adapter can be configured so that your USB drives are accessible over the Internet, making it convenient to access your files, when you are away.

Secure File Backup

You can schedule full or incremental backups of important information on the network. You can set up drive-to-drive backups. An extra copy of your data remains on the USB drive connected to the DNS-120, ready for you to take on the road at anytime.

No Network Downtime/Data Loss

The DNS-120 Network Storage Adapter does not require you to reboot the system when adding USB drives to the network, thus eliminating downtime. You can also prevent any data loss by safely removing the USB drives using the "Disconnect" button on the back of the DNS-120.

Easy Setup

Through plug and play setup, installing the DNS-120 Network Storage Adapter into your network is easy. You simply connect the DNS-120 to a Fast Ethernet port on your network router or switch, and plug in USB hard drives or flash drives.

File Access Security

Setup options can be configured using the built-in Web-based administration utility including firmware upgrade, user account management, folder management, scheduled downloads, and DHCP/manual network settings. Using the Easy Search utility, you can discover all DNS-120 units on the network and easily create shortcuts to their USB drives.

Key Features

- Allows 2 USB hard drive or flash drive connections
- 10/100 Ethernet LAN port with auto-MDI/MDIX
- Built-in FTP server to access files over Internet
- Easy search utility for quick discovery and mapping drives DHCP compatible
- No software installation necessary
- Web configuration utility
- User management
- Folder management
- USB drive to drive backup
- Local PC to USB drive backup
- Recurring and incremental backup
- Firmware upgrade utility

* Unless additional precautions are taken, use of an FTP Server to access files over the Internet does not provide for secure or encrypted transmissions. It is recommended that the end-user utilize a Virtual Private Network (VPN) to establish a secure FTP session. Failure to properly disconnect USB drive may result in data loss and/or damage to the device.

DNS-120

Technical Specifications

Network Storage Adapter

Standard

- IEEE 802.3/802.3u Ethernet
- USB 1.1, 2.0
- Samba 2.2.8a

Device Interfaces

- 1 10/100BASE-TX Ethernet with auto MDI-X support
- 2 USB 2.0 ports

Buttons

- Disconnect button
- Reset button

DHCP Client

Get IP address from DHCP server, Auto-IP

Device Management

- Windows-based utility with firmware download feature
- Network settings
- Auto IP capability
- User account management
- Folder and drive management
- FTP server
- Schedule download
- Backup function

Security Features

- Folder permissions
- Account-based access to FTP
- Account-based access to scheduled downloads

Security Methods

- IP address filtering for Ethernet access with either Deny or Allow setting
- In account mode, via username/password to access the assigned directory

System Monitoring

System log

File System Type

FAT 16/FAT 32

LED Indicators

- Power
- Ethernet
- USB

Diagnostics Capability

- Power-on self test of flash memory, DRAM, Ethernet and USB ports
- Syslog: 256 items

Firmware Download

Via Ethernet (error recovery mechanism must be in place)

Physical & Environmental

Power Requirement

5V DC, 2.5 A

Power Supply

Through external power adapter

Dimensions

141 x 108 x 30 mm

Weight

194 grams

Operating Temperature

5° to 50 °C

Storage Temperature

-20° to 50 °C

Operating Humidity

10% to 90%, non-condensing

Storage Humidity

5% to 95%, non-condensing

EMI

- FCC Class B
- CE
- C-Tick

Box Includes

- DNS-120 Network Storage Adapter
- Cat. 5 Ethernet cable
- External power adapter
- CD-ROM containing software and User's Manual
- Quick Installation Guide



Ordering Information

DNS-120 Network Storage Adapter

Please specify your order as follows:

BNS120A with US standard power adapter (USA packaging)
INS120A with US type power adapter (worldwide packaging)
INS120E with EU standard power adapter
INS120N with Australia standard power adapter
CNS120A for Canada

D-Link®

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Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Belgium	TEL: 32(0)2-517-7111	FAX: 32(0)2-517-6500
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Norway	TEL: 47-23-897189	FAX: 47-22-309085
Finland	TEL: 358-9-2707 5080	FAX: 358-9-2707-5081
Spain	TEL: 34-93-4090770	FAX: 34-93-4910795
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Czech Republic	TEL: 420-(603)-276-589	
Switzerland	TEL: 41-(0)-1-832-11-00	FAX: 41(0)-1-832-11-01
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Luxemburg	TEL: 32-(0)2-517-7111	FAX: 32-(0)2-517-6500
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Hungary	TEL: 36-(0)-1-461-30-00	FAX: 36-(0)-1-461-30-09
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Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
India	TEL: 91-022-26526696	FAX: 91-022-26528914
Middle East (Dubai)	TEL: 971-4-3916480	FAX: 971-4-3908881
Turkey	TEL: 90-212-289-56-59	FAX: 90-212-289-76-06
Egypt	TEL: 202-414-4295	FAX: 202-415-6704
Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
LatinAmerica	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brazil	TEL: 55-11-550-39320	FAX: 55-11-550-39322
South Africa	TEL: 27-12-665-2165	FAX: 27-12-665-2186
Russia	TEL: 7-095-744-0099	FAX: 7-095-744-0099 #350
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