



## 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.

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### **Key Features**

- Allows 2 USB hard drive or flash drive connections.
- FAT and FAT32 file system support.
- Supports Hard drives up to 400GB.
- 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.

### Hardware

#### Standards

- IEEE 802.3/802.3u Ethernet
- USB 1.1, 2.0
- Samba 2.2.8a
- FAT and FAT32 file system support
- Supports Hard drives up to 400GB

#### 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

#### LED Indicators

- Power
- Ethernet
- USB

#### Diagnostics Capability

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

### Software

#### Device Management

- 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 settings
- In account mode, via username/password to access the assigned directory

#### System Monitoring

- System log

#### Firmware Download

- Via Ethernet (error recovery mechanism must be in place)

### Physical & Environmental

#### Power Voltage

12VDC 2.5A

#### Power Supply

Through external power adapter

#### Dimensions

141 (W) x 30 (H) x 108 (D) mm

#### Weight

194 gms

#### Operating Temperature

5° to 50° C

#### Storage Temperature

-20° to 50° C

#### Operating Humidity

5% to 95% non-condensing

### Safety & Packaging

#### 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:*

|                |  |
|----------------|--|
| <b>BNS120A</b> | with US standard power adapter (USA packaging)   |
| <b>INS120A</b> | with US type power adapter (worldwide packaging) |
| <b>INS120E</b> | with EU standard power adapter                   |
| <b>INS120N</b> | with Australia standard power adapter            |
| <b>CNS120A</b> | for Canada                                       |

## D-Link®

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