NS-2502

Gigabit Fast Ethernet
2-Bay SATA NAS Server

High speed NAS Server (Network Attached Storage)
NS-2502 is a storage server through gigabit Ethernet to provide high speed data transmission to share your files in your network, which is not only suitable for small business environment but also the great choice for power users who massively download and access data in the server.

Powerful independent download station—FTP/ HTTP/ P2P BitTorrent download
Supports FTP/ HTTP/ Peer-to-Peer file BT (stands for BitTorrent) download protocol. The storage server download files via BitTorrent download, without turning on your computer. You can also check all BT downloading items in the web UI.

Flexibility Multimedia station– iTunes Server and Media Server
Built-in iTunes Server to share these file by iTunes server and let other computers or iTunes-compatible media players play these media files online. Built in Media Server to share your media files to UPnP or DLNA compliant media adapters and players through network.

Easily SATA HDD driver installation
The storage server with one slide in SATA HDD easily disk drawer design, without screwdriver needed, pull out and fit in the disk drawer only a finger tip.

Friendly Hardware Release button and Copy button
Design with two handy "Release" and "Copy" hardware buttons. Press "Release" button to unplug the external USB mass storage. Press "Copy" button to copy the content from one external USB mass storage to the attached SATA HDD driver.

Share External USB Mass Storage through two USB ports
User can plug in the external USB mass storage (like USB external HDD) to USB 2 ports in front panel, and plug in USB flash disk to USB 1 ports in back panel to share the file or multimedia to all among network users.

Built-in Security
User and Group with three security level settings (No Access, Read Only & Read/Write). Folder level security settings with parental inheritance level to ensure subdirectory has inheritance same authorization from the main directory . Administrative username / password login security for HTML-based configuration utility.

Simple to Install and Use
Provides a setup wizard to help user to configure the network setting.

FEATURES AND TECHNICAL SPECIFICATIONS

HARDWARE	MEMORY	File System

• 1 x 10/100/1000Mbps Ethernet LAN Ports
• 2 x USB Ports
• 2 x 3.5" SATA Hard Disk Drawer
• LED Indicators : Power, LAN, Status, USB x2, HDD x2
• Release button, Copy button
• Power Adapter : DC 12V, 4.5A
• Operating Temperature : 0~85 °C
• Humidity : 10~90% (Non-Condensing)
• Dimension :165mm x 190mm x 77mm
	• 8 MB NOR Flash
	• 64 MB SDRAM
	• External Hard Disk : Supports SATA 1, SATA 2 Max Capacity 1TB per Bay
		• CIFS, NTFS, FAT16, FAT32, EXT2, EXT3
		• Max File Size:
		  FAT16 2GB
		  FAT32 4GB
		  EXT2/3 >4GB

FUNCTIONS	**MANAGEMENT**	**CONFIGURATION**
• Build-in FTP and Samba server • Provides USB mass storage sharing function • Share files via FTP or Network Neighbourhood • Supports FTP/ HTTP download agent • Supports P2P (BitTorrent) download • Supports UPnP/DLNA Media Server, iTunes Server	• Supports Workgroup setup • Supports User account management • Supports Samba, FTP share permission management • Supports HDD Partition tool • Supports web configuration • Firmware Upgradeable	• Disk Drive Partition and Format • USB Copy • Firmware Upgrade • Configuration Backup and Restore • System Reset
SECURITY	**FILE SHARING**	**CERTIFICATIONS**
• User and Group level security settings (No Access, Read Only & Read/Write). • Folder level security settings with parental inheritance. • Administrative username / password login security for HTML-based configuration utility.	• Max User Account : 32 • Max Groups : 12 • Max Shared Folders : 100 • Max Concurrent Connections : 32	• FCC Class B, CE, C-Tick

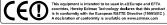## NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

The network diagram of NS-2502 :

1. Please check if your network has one exist wire/ wireless router. The NS-2502 will be connected to the Router with (RJ45) LAN port for storage sharing.
2. Please prepare one or two SATA hard disk driver and fix it in the SATA disk drawer of NS-2502.
3. Connect the device you needed to share the file from NS-2502 via same network.
   (Please refer below application diagram).
4. Also you can connect to USB 1 port with your USB flash disk or iPod device to share the data directly from NS-2502.

Compliant List

Devices ：DLNA Supported Devices, PS3, Xbox 360
Note: DLNA lab approved: Samsung Electronics SENS X20，CyberTAN Digital Media Adapter

Video files: asf, avi, dv, divx, wmv, mjpg, mjpeg, mpeg, mpg, mpe, mp2p, vob, mp2t, m1v, m2v, m4v, m4p, mp4ps, ts, ogm, mkv, rmvb, mov, qt, hdmov

Audio files: aac, ac3, aif, aiff, at3p, au, snd, dts, rmi, mp1, mp2, mp3, mp4, mpa, ogg, wav, pcm, lpcm, l16, wma, mka, ra, rm, ram, flac

Images files: bmp, ico, gif, jpeg, jpg, jpe, pcd, png, pnm, ppm, qti, qtf, qtif, tif, tiff

Playlist files: pls, m3u, asx

iTunes Server: Audio files: mp3,m4p
                 Playlist : m3u

OS compatibility:
File server(Samba server，FTP server)：Windows (from Win98 to Vista），Linux，Mac。

Supports browsers:
Internet Explorer： 6.0 or higher
Netscape Navigator： 7.2 or higher
Firefox： 2.0.0.3 or higher