



QUATECH

USB Wired Device Servers

USBN-500



Network Enable any USB Device

Instantly access and share USB devices on your PC through Local Area Network (LAN) access for your workplace or home. Convert printers, scanners, storage devices, and many other USB devices to shared resources on your network.

Enjoy the convenience of sharing conventional one-user USB devices with co-workers, roommates or family over your network. Access documents saved on USB storage devices or pictures taken on a digital camera while you print and scan from anywhere on your LAN network.

The USB Device Server is a perfect solution for any location with multiple USB devices, such as industrial plants, businesses, schools or home. Maximize your productivity at work or home by sharing information and USB resources through the USB Device Server within a workgroup.

Choose the USBN-500NAS option for Network Attached Storage (NAS) to supply file based storage to the USB Device Server. With the NAS option, the USB Device Server allows USB devices to be used and shared over LAN and Wide Area Network (WAN).

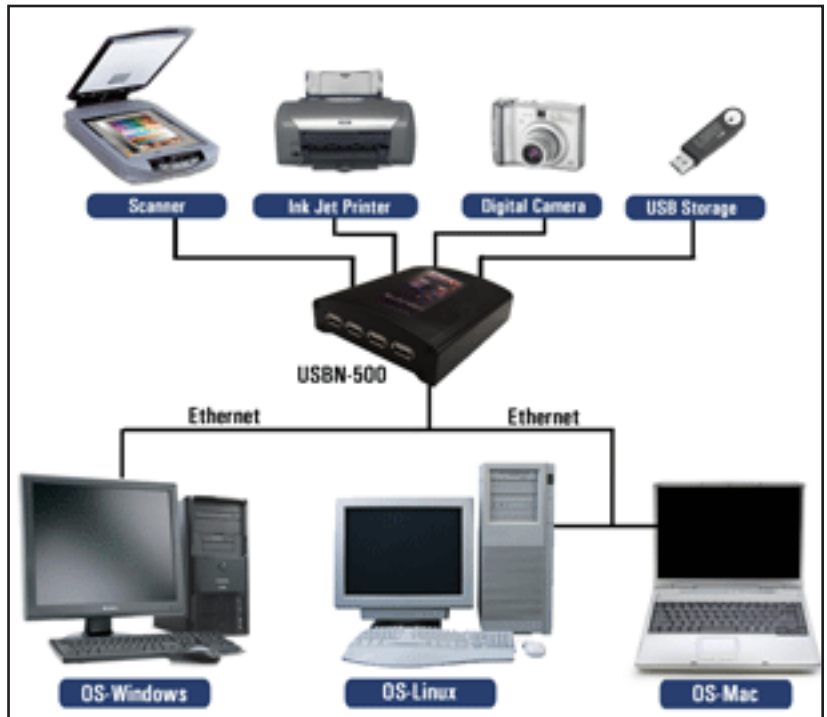
USB-IP application enables the virtualization of USB devices over LAN as if they are connected local to your PC. By this implementation, USB devices connected to the USB server can be made available to remote clients over LAN.

Virtual USB-IP Driver Software for USBN-500

The Virtual USB-IP Driver Software contains a Virtual Bus Enumerator driver & Virtual Bus driver. These drivers will help in virtualizing the USB devices attached on the USB-Server. Virtual Bus driver takes the USB traffic from the USB Client drivers on Windows Host and asse it to the USB-Server, which is sitting remotely on the network.

Key Features

- Allows USB Devices to be used and shared by client's PC's over LAN
- Optional USBN-500NAS for Network Attached Storage (NAS) to supply file based storage to the USB Device Server
- Supports wide variety of USB Devices
- Compatible with bulk, interrupt and isochronous type USB devices.
- Supports printing to USB printer from both Wired and Wireless Interface (USB device port only)
- Supports printer auto-reconnect while sharing the printer to different client's PC's (USB device port only)
- Supports auto sharing of USB devices
- Supports USB device safe removal
- User-Friendly application interface
- Over current protection



With the USBN-500, access and share data file stored on a USB storage device or download pictures from a digital camera while you scan and print from anywhere on your network.

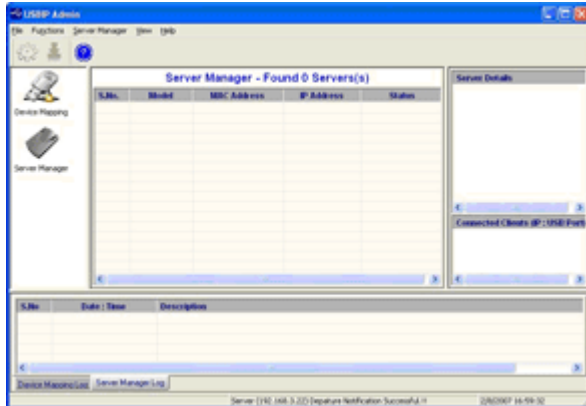
USB Admin

USB Admin Utility application enables the USB devices virtualization along with USB server firmware loaded onto the USB server. Any USB device connected to the USB server can be made available over the network for different Windows hosts to use the device. USB Server supports monopoly type connection (e.g. USB devices connected to the USB server can be accessed by one host at a time). Other Windows hosts can access different USB devices connected to the USB server.

The USB Admin tool application has four panels, which are docked in the application:

1. Main window: This displays all the device server and the USB devices connected to them
2. Function Panel: This panel enables to switch between the Device Mapping and Server Manager application.
3. Server/ Device Details Panel: This displays the more information of the server and the device selected on the main window
4. Log Panel: Any event on the USB server creates a log in the Log Panel. This helps in continuous monitoring of USB device servers on the network.

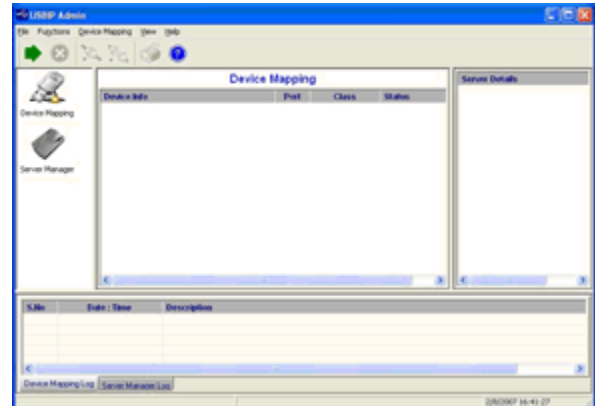
The USB-Server Admin Utility has two main functionalities built in: Device Mapping and Server Manager.



Server Manager

Server manager enables the Administrator to configure the USB-Server on the network.

The Server Manager also has an option to search for the USB servers on the Network and to change server configuration settings through USB-IP Admin Utility.



Device Mapping

Device Mapping enables virtualization of all USB Devices connected to the USB-Server board on your PC over LAN.

USB DEVICE SERVER SPECIFICATIONS

Interface:
USB

Processor:
ARM-9 32 bits CPU

SDRAM: 16MB

Ethernet:
RJ-45 10/100 Mbps (Auto Detecting) *1

USB:
Type A compliant with USB 1.0, 1.1, 2.0

Compatibility:
Bulk, interrupt & isochronous type USB devices

Over Current Protection

Baud Rates:
Full speed 12 Mbps

Management:
Windows Utility, Web interface

Driver Support:
Windows 2000/XP/2003/Vista, Mac, Linux 2.4/2.6

Power: DC 5V, 2A

Printing:
Supports printing to USB printer from both wired and wireless interface

NAS Option:
Network Attached Storage (NAS) to supply file based storage to the USB Device Server

Dimension:
120x80x25mm

Weight: 500g

Operating Temperature: 0°C~60°C

Storage Temperature: -20°C~85°C

Humidity: 5~95%

Warranty: 1 year

Model	Interface
USBN-500	USB
USBN-500NAS	USB with 2 NAS ports



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