

# USB1000IP

## Instruction Manual

# USB Device Server

**10/100/1000Mbps Gigabit  
1-Port USB over IP  
Device Server**

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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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# Table of Contents

<b>Introduction</b> .....	<b>1</b>
Packaging Contents.....	1
System Requirements .....	1
Side View 1 .....	2
Side View 2.....	2
<b>Installation</b> .....	<b>3</b>
Hardware Installation.....	3
Software Installation .....	3
<b>How to Use</b> .....	<b>4</b>
USB Server Software Setup.....	4
<b>Specifications</b> .....	<b>7</b>
<b>Technical Support</b> .....	<b>8</b>
<b>Warranty Information</b> .....	<b>8</b>

## Introduction

The USB1000IP 10/100/1000 Mbps Gigabit 1-Port USB over IP Device Server provides a simple to use, and convenient way to extend a USB device over long distances and allows for sharing that device with multiple users over your 10/100 or 1000 Mbps Ethernet network.

This flexible device auto-detects network link speed and is capable of connecting through a network hub/switch/router, or directly to a PC to function as a simple USB extender. Perfect for connecting and sharing a device such as mass storage, card reader, digital camera, webcam, printer (including multi-function), fax, scanner or serial adapter with multiple users.

The bundled software provides a simple interface to view the status of, and connect to the detected device over the LAN and features the option to automatically connect to your device after a reboot.

## Packaging Contents

- 1 x Gigabit USB IP Device Server
- 1 x Installation CD
- 1 x Universal Power Adapter
- 1 x Instruction Manual

## System Requirements

- 10/100 or 1000Mbps compatible TCP/IP Ethernet network
- Available AC power outlet
- Microsoft® Windows® XP/Vista/7 (32/64-bit)

## Side View 1



## Side View 2



# Installation

## Hardware Installation

1. Connect the USB device that will be shared to the USB IP device server.

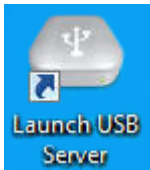
**NOTE:** USB hubs are not supported by the USB IP device server.

2. Connect an RJ45 terminated Ethernet cable from the network to the USB IP device server.
3. Connect the power adapter to the USB IP device server. The green LED should light up solid and the yellow LED should blink if connected to the network.

**NOTE:** The device server uses DHCP by default to automatically obtain an IP address from the network's DHCP server (e.g. router). If a DHCP server is not available, the USB IP device server will use **192.168.1.50** by default.

## Software Installation

1. Insert the included Installation CD into the computer's CD/DVD drive.
2. AutoPlay should automatically launch and display all of the folders on the CD. If not, open "My Computer" and double-click on the CD/DVD drive.
3. Enter the folder "USB 2.0 Device", then "Est\_E3868" and double-click the file "USBServer\_Setup.exe".
4. This should launch the software installation wizard. Continue through the wizard and once complete, the following icons should appear on the desktop: "Launch USB Server".



5. The software must be installed on all computers that intend to make use of the USB IP device server.

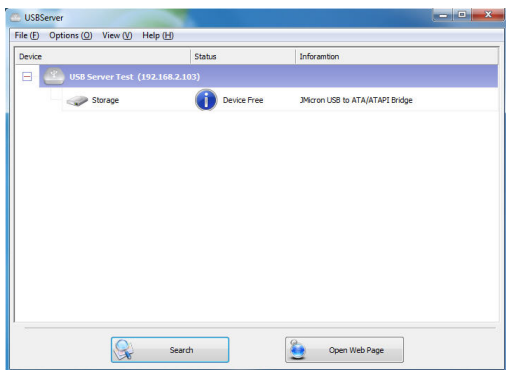
## How to Use

### USB Server Software Setup

1. Make sure the USB device is connected to the device server and it is powered on (if applicable).
2. Double-click the “Launch USB Server” shortcut icon on the desktop to start the program.

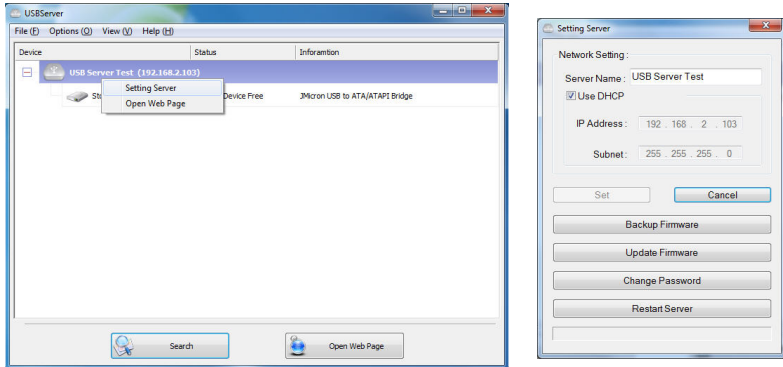


3. If the USB IP device server is properly connected to the network, it should appear in the list of device servers with an IP address. By default, the USB IP device server uses DHCP to obtain an IP address, so the assigned IP address should be in the same IP range as the host computer running the software.

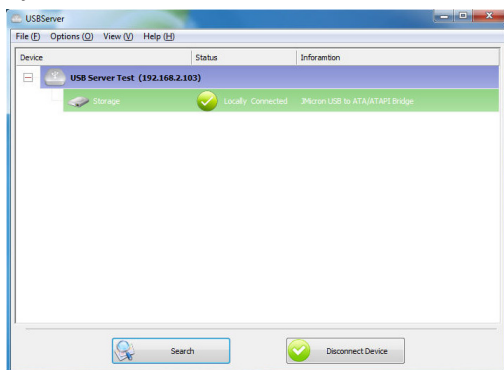


If the network does not use DHCP, the device server will use an IP address of 192.168.1.50 by default. To change the network settings to match the network, right-click on the device server and select “Setting Sever”. This will bring up the configuration settings for the device server. Deselect the “DHCP” option and enter in

the proper network settings. Consult with the network administrator if unsure how to configure.








4. The USB device connected to the device server should appear below it and list what type of device it is and its current status.
5. If the USB device is available, selecting it and clicking the “Connect” button will automatically link the device to the computer system, making it appear as a locally connected USB device. It can then be used as such.
6. When done using the USB device, make sure to click the “Disconnect” button, to allow other computer systems to connect to it.





## USB Device Status

Status	Description
	The attached USB device is ready and waiting for a connection.
	The USB device is on a different IP range than the computer system. The network settings need to be configured.
	The USB device is currently connected to the computer system.
	The USB device is currently connected to a different computer system and unavailable.
	The attached USB device is not supported by the IP device server and will not work (e.g. USB hub).

## Specifications

<b>Number of Ports</b>	1
<b>Bus Interface</b>	USB 2.0
<b>Chipset ID</b>	Elite Silicon E3868M1
<b>Connectors</b>	1 x USB type A female 1 x RJ45 Ethernet female
<b>LEDs</b>	1 x Power 1 x Ethernet Link/Activity
<b>Networking Standards</b>	IEEE 802.3-2002, 802.3ab
<b>Maximum Data Transfer Rate</b>	<b>USB 2.0:</b> 480Mbps <b>Ethernet:</b> 10/100/1000Mbps
<b>Auto-MDIX Support</b>	Yes
<b>Power Adapter</b>	5VDC, 1000mA, center positive
<b>Operating Temperature</b>	5°C ~ 50°C (41°F ~ 122°F)
<b>Storage Temperature</b>	-25°C ~ 70°C (-13°F ~ 158°F)
<b>Humidity</b>	15% ~ 90% RH
<b>Dimensions (LxWxH)</b>	77.0mm x 38.0mm x 23.0mm
<b>Weight</b>	35g
<b>Compatible Operating Systems</b>	Windows XP/Vista/7 (32/64-bit)

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This product is backed by a one year warranty.

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