

# LCS-US204

## USB 2.0 Hi-Speed Device Server

### Quick Installation Guide

#### ①. Introduction

This document describes the steps for installing and configuring LCS-US204 as a USB device server in the Windows environment. LCS-US204 uses LAN (standard Ethernet) and wireless module (802.11b/g) to access network. Please refer to the User's Manual in the bundled CD-ROM for more details.

#### ②. Package Contents

If any item is missing, please contact the shop where you bought this product.

- One LCS-US204 USB 2.0 Device Server (x1)
- One Control Center Software CD (x1)
- One DC IN 12V/1.5A Power Adaptor (x1)

#### ③. OS Supported

Windows 2000/XP/2003/Vista

#### ④. Physical Description

1. **Power Adaptor Connector:** for DC IN 12V/1.5A power adaptor
2. **Init Button:** for restoring the configurable parameters to the default values
3. **Wireless Station:** IEEE 802.11 b/g wireless station with antenna
4. **Ethernet Connector:** connected to a twisted pair category 5 cable
5. **USB Host Ports:** USB 1.1/2.0 low, full, and Hi-Speed compliant
6. **Indicators**
  - *Power Indicator* is lit while power is applied. If it is not lit, or if it blinks, there is a problem with the USB device server or Power Adapter.
  - *LAN Indicator* blinks to indicate wired network activity. If it is

lit, it indicates the wired network is applied. If it is not lit, it indicates that the server does not connect to the wired network.

- *WLAN Indicator* blinks to indicate wireless network activity. If it is lit, it indicates the wireless network is applied. If it is not lit, it indicates that the server does not connect to the wireless network.
- *USB Indicator* is lit while a USB device connects to a USB Port of the USB device server. If it is not lit, or if it blinks, there is a problem with the USB device or the USB device server.

## ⑤. **Connect USB Device Server to Your Wired Network**

- I. Connect USB device server to the wired network, such as a LAN switch or a LAN hub, using a LAN cable.
- II. Connect USB printers, hard drives or flash ROM disks, or all-in-one series printers (AIO/MFP), or USB speaker, or USB 1.1 camera to the server using USB cables.
- III. Plug in the power adaptor (included in this package) to power on the USB device server.

## ⑥. **Connect to Your Wireless Network**

Just skip this step if you are using wireless network.

- I. Follow Step 5.
- II. Properly set up wireless configuration as Step 8.
- III. Plug-off the LAN (Ethernet) cable.
- IV. Plug-off the power adapter and then plug-in the power adapter to restart server. LCS-US204 will connect to your wireless network.

## ⑦. **Install Utility**

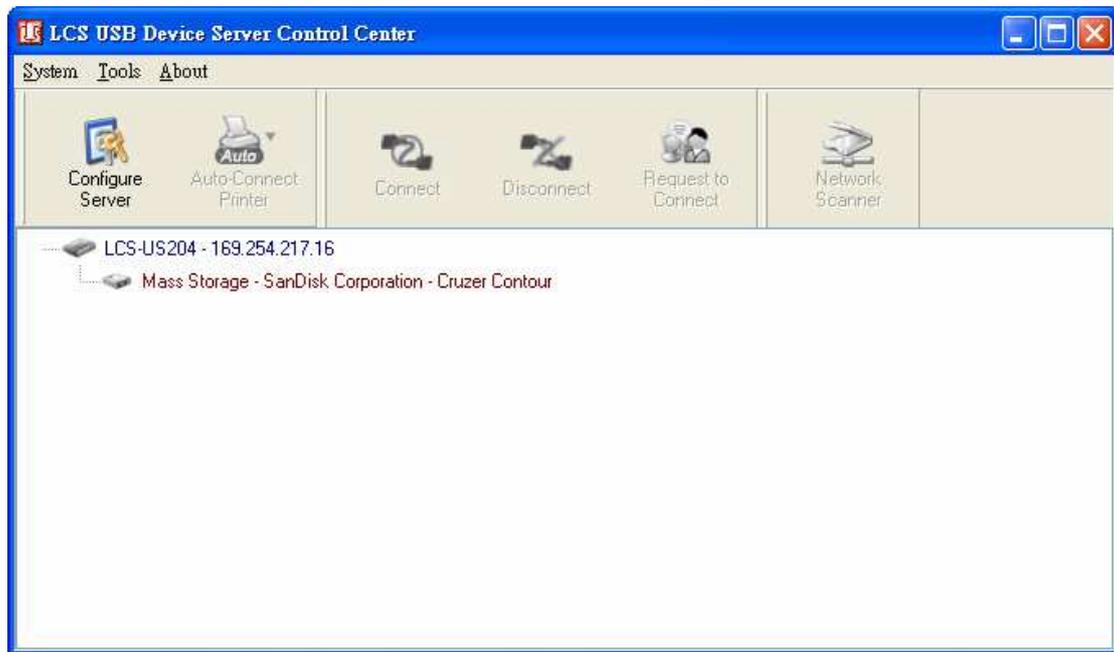
- I. Insert the included CD-ROM into the personal computer. The Autorun screen should appear.
- II. Click **Install Product** button.
- III. Click **Next**, if you see any Next button in installation windows.
- IV. Click **Finish**.

## ⑧. **Configure USB Device Server with Utility**

Using the Control Center Software (Fig1):

1. Run the Control Center. It will automatically search the existing servers

and display their status.



**Figure 1 Control Center**

2. Select the server that you want to configure. Double click the selected server and you will get the web pages of the server.



**Figure 2 Web Page**

3. Click "CONFIG" icon and then enter Administrator (default: *admin*) and Password (default: *admin*) to login.
4. Assign IP address to USB device server as Fig3. Please choose one

method to set the IP address of the server. You can automatically get IP address by using DHCP or manually assign an IP address to the server.



Figure 3 TCP/IP Setting

5. Set up wireless configuration:
  - Set SSID, Channel, and Security according to the table below

	Infrastructure Mode
<b>SSID</b>	Must match the Access Point.
<b>Channel</b>	Access Point sets the Channel used. Wireless stations automatically locate the correct channel.
<b>Security Settings</b>	Must match the Access Point.

### ⑨. Install the Driver of the USB Device

Some USB devices, like printers or MFPs (multifunction printers), require to install vendor-supplied driver (usually on CDROM). For those USB devices that do not need to install driver, please skip to next step.

- A. Insert the CDROM into the CD drive and run the “autorun” program.
- B. Follow the instructions of the installation program to install driver.
- C. When the installation program asks you to plug-in the USB device, run the “Control Center”.
- D. In the Control Center, click the USB device server that has the desired USB device attached.
- E. Click the desired USB device as Fig4.

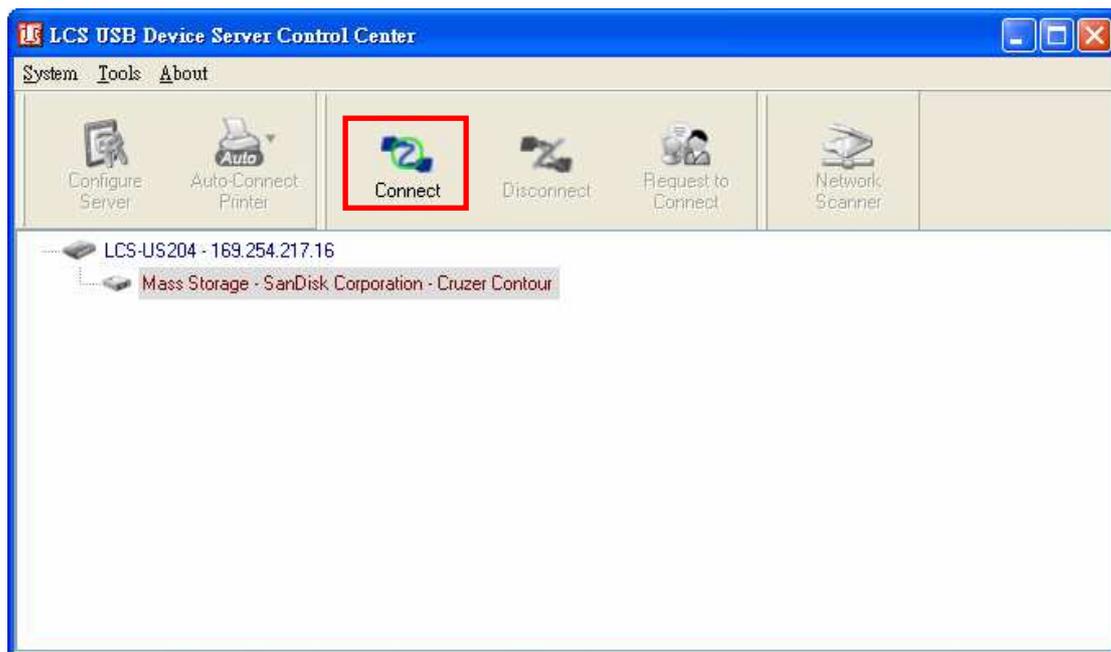


Figure 4 Click the Desired USB Device

- F. Click the “Connect” button. Then the message “Manually Connect by your\_computer\_name” will be shown, as Fig5.

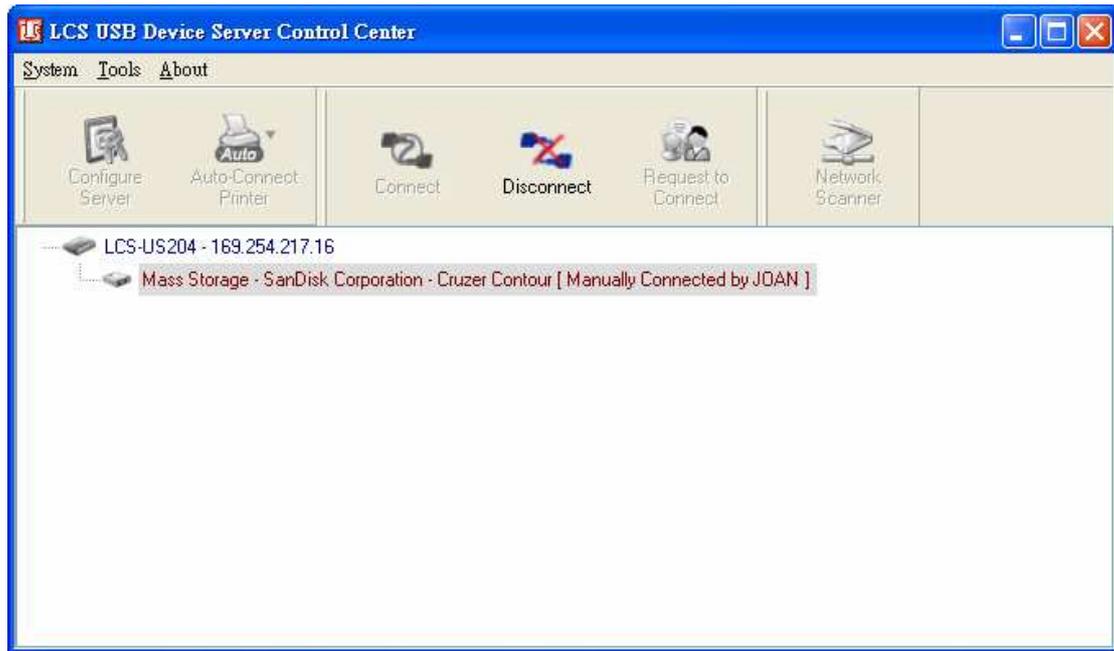


Figure 5 Device Connected

- G. Now, the installation program will detect the USB device and continue to install driver.
- H. After the installation is completed, click the USB device in the Control Center and then click the “Disconnect” button to disconnect the USB device.

#### ⑩. Use the USB Device

- A. In the Control Center, click the USB device server that has the desired USB device attached.
- B. Click the desired USB device as Fig 4.
- C. Click the “Connect” button. Then the message “Manually Connect by *your\_computer\_name*” will be shown, as Fig 5.
- D. Now, PC will detect the plug-in of the USB device. The “connect” operation is a software operation that simulates an actual USB device plug-in. That is to say, when you do a “connect” operation in the Control Center, PC can then detect a USB device’s plug-in, although actually you do not plug in any USB device.
- E. Then, just use the USB device as if it is connected directly to your PC’s USB port.
- F. After you finish using the USB device, click the USB device in the Control Center and then click the “Disconnect” button to disconnect the USB device, as Fig 6. Other PCs can not “Connect”

the USB device until you “Disconnect” that USB device. That is to say, only one PC is allowed to connect the USB device at the same time.

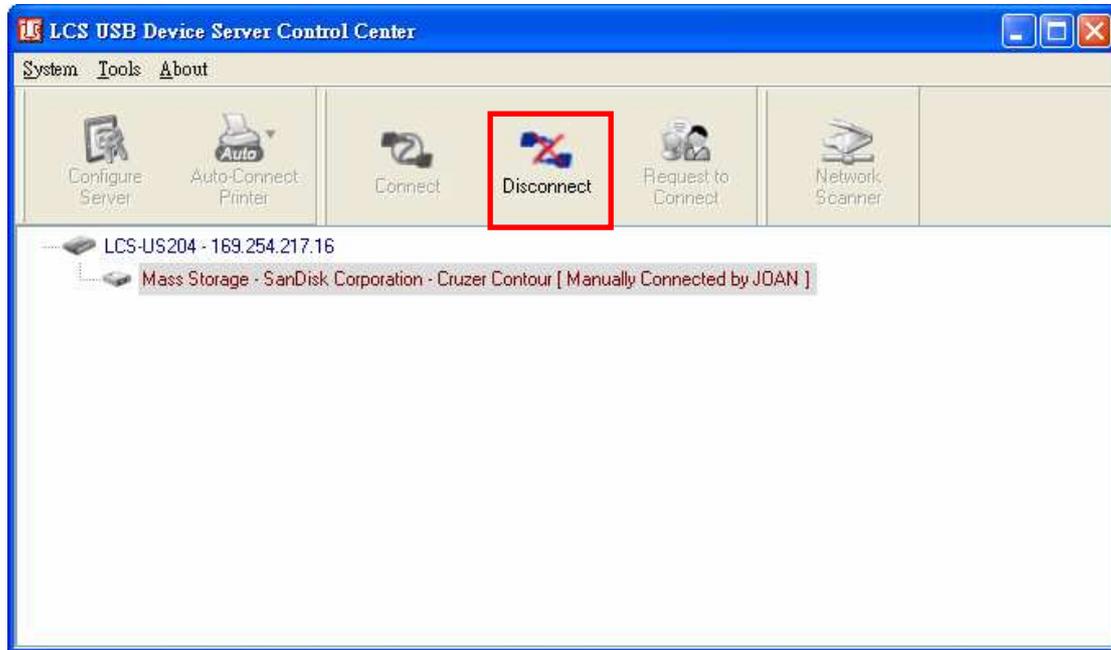
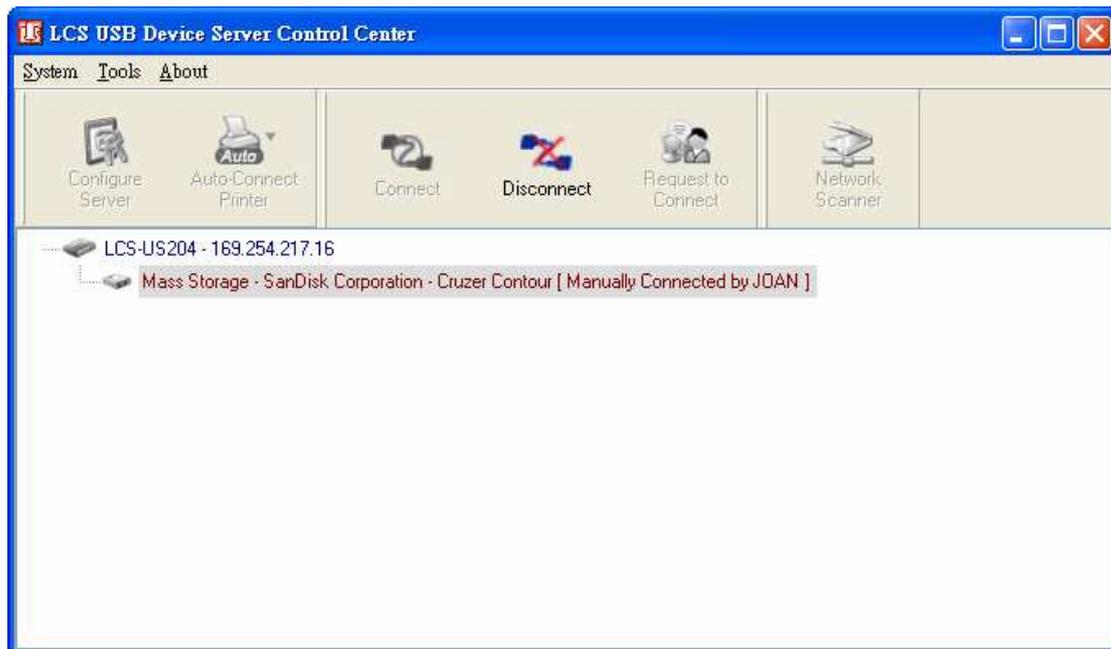


Figure 6 The Disconnect Button

### ⑪. An Example of USB Storage

If you connect a USB storage, like Fig 7, your PC will have a new disk. If the USB storage is a flash drive, the new disk is a “removable disk”.



## Figure 7 The USB Storage

You can see the storage icon in the system tray, as Fig8.

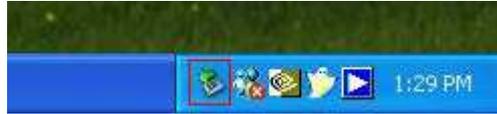


Figure 8 The System Tray

Then just use the new disk as a general disk. After you finish the disk operations, click the storage icon in the system tray and choose “Safely remove USB Mass Storage Device” to remove the USB storage, as Fig10.



Figure 9 Removing the USB Storage

Then, in the Control Center, click the USB storage device and click the “Disconnect” button to disconnect the USB storage device.

### ⑫. Default Parameters

Some of the important default parameters are shown below.

- Administrator: admin
- Password: admin
- Server Name: US204
- Workgroup: WORKGROUP
- Static IP: 192.168.1.100
- DHCP: enabled