

## 5. Share a USB device(s)

**(MFP series products only)**

The "USB Connection Tools" can create an additional USB port for your PCs through USB sharing server / print server.

The USB devices supported (remote) sharing include: USB printer, USB scanner, USB mouse / keyboard, U disk, U shield, hard disk, hard disk box, USB camera, USB Microphone, dongle and other USB devices.

Some special printers can't add printers through the "Standard TCP / IP port", but they can connect to printers by sharing USB devices to print. For example, Canon's LBP series (CAPT language) and some Ricoh models (DDST language).

It can share USB devices in local area network (LAN) through the local (LAN) wired or wireless IP address of the server.

Before connecting and sharing USB devices, please first install the driver of USB devices you want to use on your PC(s).

Or after connecting to your USB devices, to install the software driver of your USB devices.

After the driver of your USB devices has installed on your PC(s). You can use your USB device as if your USB device is directly connected to the USB port of your PC(s).

## (1) Share USB devices by "USB Connecting Tools"

It is with 2 ways to add sharing a USB device(s): **Add automatically or Add manually.**

### ● Add automatically

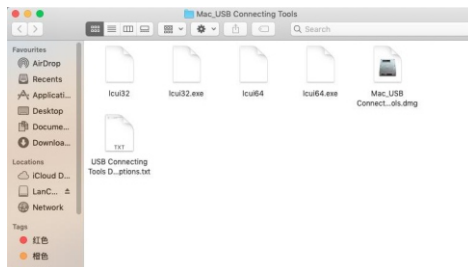
"Add automatically" can only add the USB devices of local (LAN) IP address.

Before connecting and sharing your USB device(s), please make sure that the server and your USB devices are powered / turned on and they are in work state. Your USB device(s) has been connected to the USB port of the server, and the server has completed the wireless or wired connection setting of the local LAN.

1. Download the "Mac\_ USB Connecting Tools " from our website to your MAC.



2. Unzip and open "Mac\_ USB Connecting Tools ", and find the version corresponding to your system, and then double-click to open it.



If your system is 64 bit, choose "x64". If it is 32-bit, choose "x86". If it's a MAC system, select DMG file.

When open the software, please turn off the computer antivirus software, or add trust to the software to allow it to run.

3. Double click the "LanConvey" icon in the pop-up window. You can copy this shortcut and paste it on your PC desktop.



4. Then in the USB sharer interface, you will see your USB device(s) has been connected to your Mac. It's the tools has automatically searched and connected to your local (LAN) USB device(s).



If the USB device is not displayed, the USB device is not connected  
( Please check: whether the USB device is powered / turned on, whether the USB data cable is in poor contact, and whether the USB port is loose.)

As shown in the picture below:



If the name of server does not display or the expand button does not.

As shown in the picture below:



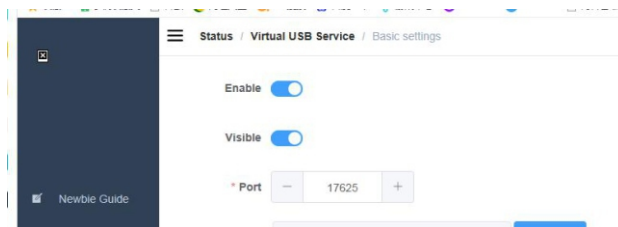
Please check the following:

- ① Whether the server is powered on and working.
- ② Whether the network setting of the server has been done (please refer to "setting up a network wireless connection" and "setting up a wired network connection" in parts 2 and 3 of this manual), and the server has been connected to the LAN where you work.

If the server and the computer you want to share USB devices are not in the same LAN, it cannot be used. The connection between your computer and server and your LAN must be normal.

- ③ Log in to the server background and check whether the "virtual USB service" is enabled.

As shown below:



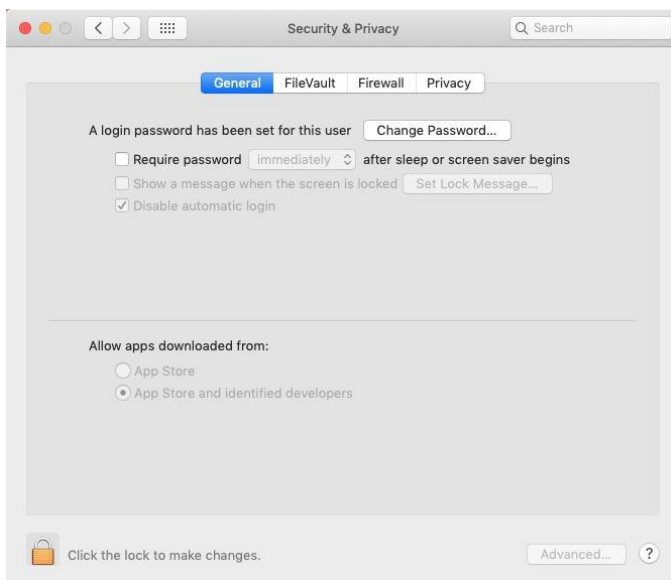
If you check the above items and confirm that there is no problem, but the server name and expand button are still not displayed,

Please try the following:

- ① Restart your Mac.
- ② Unplug and Plug the server power supply or restart the server.
- ③ Restore the server to the factory state, reset the network connection and add the USB sharer

If there is any accident that you MAC can't connect to your USB device. This may be a problem with the security permission setting of your Mac system.

On your Mac "Security" & Privacy "to set up your system so that the USB connection tools can get more permissions.



5. Double click your USB device name (or right-click your USB device name and select "连接这个设备" (connect this device)), your USB device will display "in use by you", and then you can use this USB device on your MAC.



6. Double click your USB device name again (or right-click your USB device name and select "断开这个设备" (disconnect this device)), your USB device will disconnect from your MAC.



**Note:**  
the same USB device can be connected and shared through different IP addresses, that is, it can connect and share the same USB device through different IP addresses, but the data transmission path between them is different.

The following is the schematic diagram of data transmission path for sharing USB devices through different IP addresses:

① Sharing USB devices via local (LAN) wired IP address:

Your PC - router - USB printing / sharing server - USB devices (LAN wired)

② Sharing USB devices via local (local area network) wireless IP address:

Your PC - router - USB printing / sharing server - USB devices (LAN wireless)

### **Tips:**

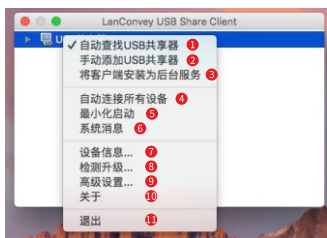
The same USB port cannot share USB devices and print at the same time (printer installed by standard TCP / IP port or web page link printing).

If you want to print (printer installed by standard TCP / IP port or web page link printing) when you share a USB device , you must first disconnect from the shared USB device; Sometimes you may need to restart your printer or server. To print (printer installed by standard TCP / IP port or web page link printing).

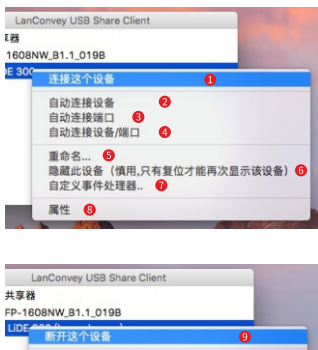
Otherwise, the "USB Connection tools" will occupy the USB port, resulting in the inability to print (here refers to the printer through the standard TCP / IP port installed or web page link printing ).

Of course, you can directly use the "USB Connection Tools" to connect the printer for printing.

## ● Translation for the "USB Share Client" interface



- ① 自动查找USB共享器 / Find a USB sharer automatically
- ② 手动添加USB共享器 / Add a USB device manually
- ③ 将客户端安装为后台服务 / Run the client in the background
- ④ 自动地连接所有设备 / Automatically connect all devices
- ⑤ 最小化启动 / Run minimized
- ⑥ 系统消息... / System messages
- ⑦ 设备信息... / Devices messages
- ⑧ 检测升级... / To detect upgrade
- ⑨ 高级设置... / Advanced settings
- ⑩ 关于 / About
- ⑪ 退出 / Exit



- ① 连接这个设备 / Connect this device
- ② 自动连接设备 / Automatically connect devices
- ③ 自动连接端口 / Automatically connect ports
- ④ 自动连接设备/端口 / Automatically connect devices / ports
- ⑤ 重命名... / Rename
- ⑥ 隐藏此设备 (慎用, 只有复位才能再次显示此设备) / Hide this device  
(use with caution. It can be displayed again only after reset)
- ⑦ 自定义事件处理器... / Custom event handler
- ⑧ 属性 / Properties
- ⑨ 断开这个设备 / Disconnect this device



- ① 高级 / Advanced



- ② 添加 / Add

- ③ 删除 / Delete

- ④ 关闭 / Close

- ⑤ 添加洪向前器格式为主机/端口 /

Please enter the IP address of the server



- ⑥ 启用反向连接 / Enable backlinking



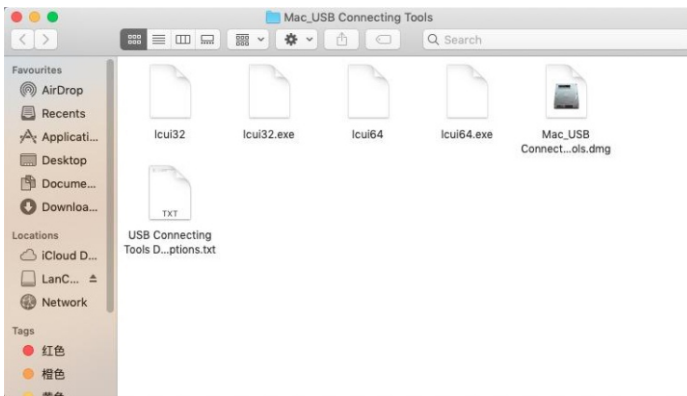
## ● Add manually

Due to the particularity of the MAC OS, It can only share USB devices locally (LAN), remote cloud is not supported.

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2. Unzip and open "Mac\_ USB Connecting Tools ", and find the version corresponding to your system, and then double-click to open it.



If your system is 64 bit, choose "x64". If it is 32-bit, choose "x86". If it's a MAC system, select DMG file.

When open the software, please turn off the computer antivirus software, or add trust to the software to allow it to run.

3. Double click the "LanConvey" icon in the pop-up window. You can copy this shortcut and paste it on your desktop.



4. Then in the USB sharer interface, you will find that your USB device(s) has been connected to your Mac. It's the tools has automatically searched and connected to your local (LAN) USB device(s).



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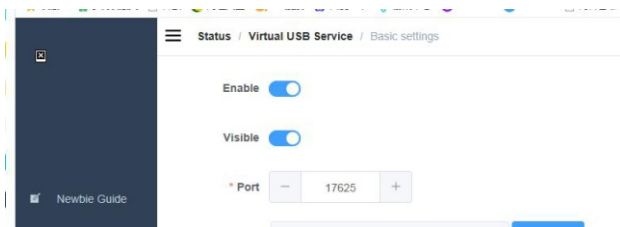
Please check the following:

- ① Whether the server is powered on and working.
- ② Whether the network setting of the server has been done (please refer to "setting up a network wireless connection" and "setting up a wired network connection" in parts 2 and 3 of this manual), and the server has been connected to the LAN where you work.

If the server and the computer you want to share USB devices are not in the same LAN, it cannot be used. The connection between your computer and server and your LAN must be normal.

- ③ Log in to the server background and check whether the "virtual USB service" is enabled.

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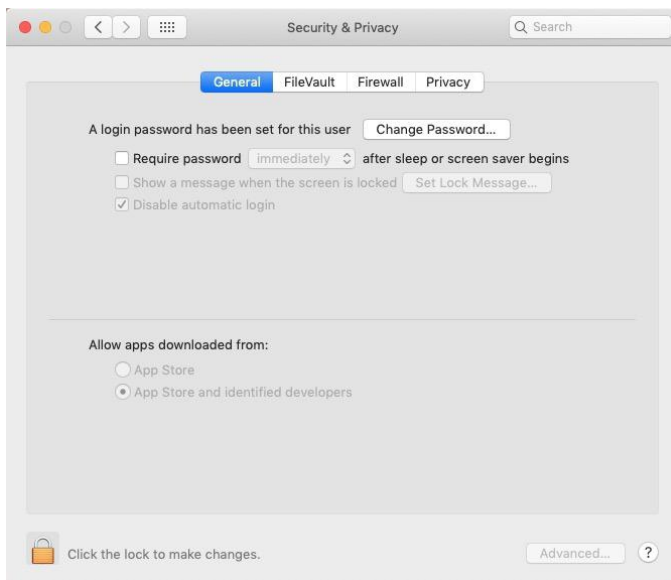
If you check the above items and confirm that there is no problem, but the server name and expand button are still not displayed,

Please try the following:

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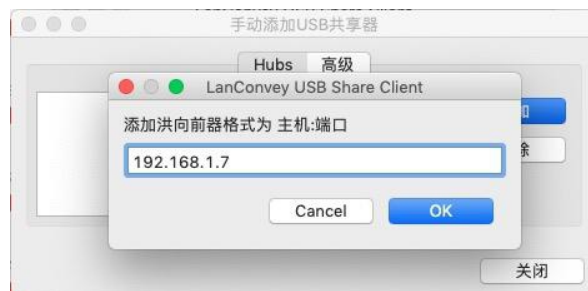
On your Mac "**Security**" & **Privacy**" to set up your system so that the USB connection tools can get more permissions.



5. If you want to add a sharing USB device manually. Right click on "USB 共享器" (USB sharer) and select "手动添加 USB 共享器" (add a USB sharer manually) .



6. Click "添加" (add) and enter the IP address of the server in the dialog box. Then click "OK" .



7. After the IP address of the server is added, click "关闭" (close).



8. Then in the sharer interface, you will find that your MAC has connected to USB device(s) on the IP address.



9. Double click your USB device name (or right-click your USB device name and select "连接这个设备" (connect this device) ), your USB device will display "in use by mac at .....", and then you can use this USB device on your MAC.



10. Double click your USB device name again (or right-click your USB device name and select "断开这个设备" (disconnect this device) ), your USB device(s) will disconnect from your MAC.



11. If you want to delete one of the IP addresses. Select the IP address and click "删除" (delete) !



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### **Tips:**

The same USB port cannot share USB devices and print at the same time (printer installed by standard TCP / IP port or web page link printing).

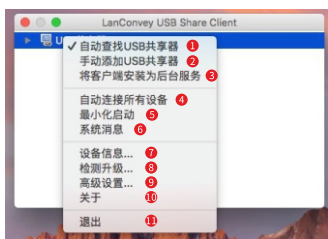
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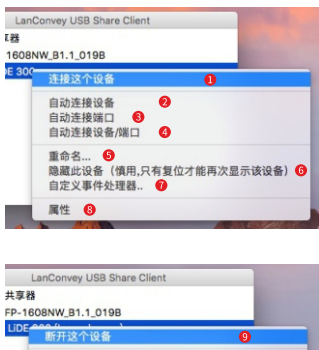
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- ① 连接这个设备 / Connect this device
- ② 自动连接设备 / Automatically connect devices
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- ④ 自动连接设备/端口 / Automatically connect devices / ports
- ⑤ 重命名... / Rename
- ⑥ 隐藏此设备 (慎用, 只有复位才能再次显示此设备) / Hide this device  
(use with caution. It can be displayed again only after reset)
- ⑦ 自定义事件处理器... / Custom event handler
- ⑧ 属性 / Properties
- ⑨ 断开这个设备 / Disconnect this device



- ① 高级 / Advanced



- ② 添加 / Add

- ③ 删除 / Delete

- ④ 关闭 / Close

- ⑤ 添加指向前格式为 主机/端口 /

Please enter the IP address of the server



- ⑥ 启用反向连接 / Enable backlinking