

## 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, and realize accessing, sharing and communication of USB devices in your LAN.

The USB devices supported 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).

You can share any USB devices in your LAN through the wired or wireless IP address of the server in your LAN.

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 has 2 ways to add sharing USB devices: **Add manually** or **Add automatically**.

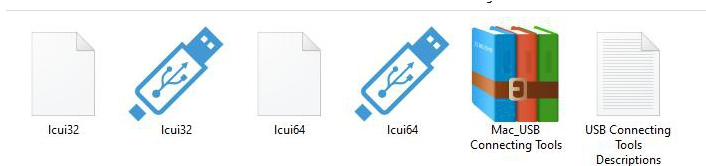
### ● Add manually

1. Download the "Win\_ USB Connecting Tools " from our website to your computer.



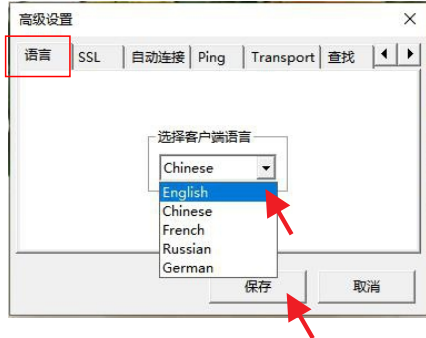
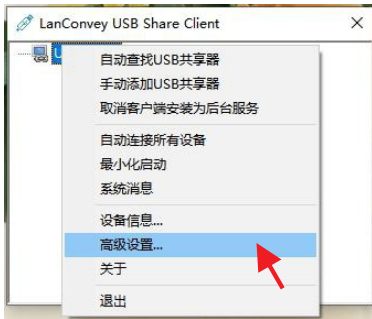
2. Unzip and open "Win\_ USB Connecting Tools ", and find the version corresponding to your system, and then double-click to open it.

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

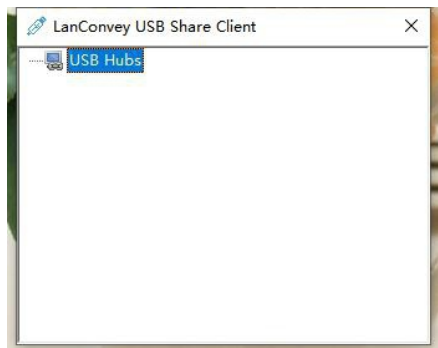


If your system is 64 bit, choose "x64". If it is 32-bit, choose "x86". If it's a MAC system, select **DMG** file.

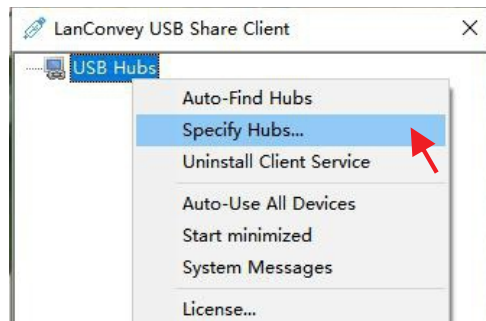
3. After opening the software, right-click on the "USB 共享器" (USB sharer) and then select "高级设置.." (advanced settings) to enter the software setting interface. Then select the language you want to display below "选择客户端语言" (select client language). Click "保存 " (save) .



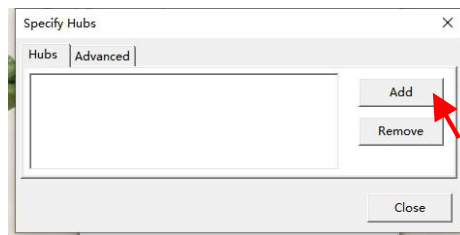
4. It will prompt you to "保存设置并重新启动客户端？" (save settings and restart the client?) , and click "是 (Y) " (Yes (Y)) . Then open the "USB connection tool" again, and the software function interface will be displayed in the language you set.



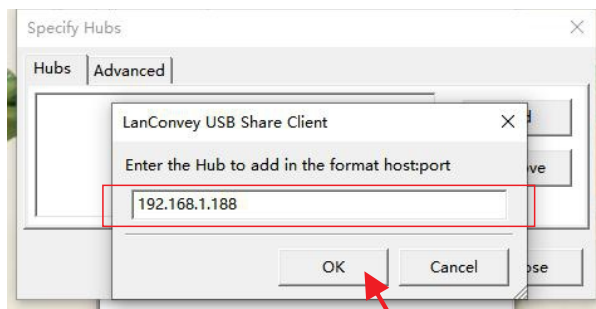
5. After opening the software again, right-click on the "USB Hubs", and select "Specify Hubs..." .



6. Click "Add"

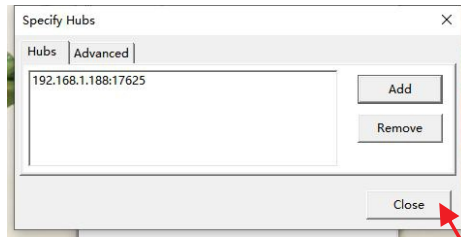


7. Enter the IP address of the server you want to add in the box, It' s can be the wireless IP address or the wired IP address. After enter, Click " OK "



8. Return to the "Specify Hubs" window, and you will find that your server IP address / port has been added. Then click "Close" or "X" in the upper right corner to close the dialog box.

At this time, you will find that your USB device has been connected to your PC.



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:



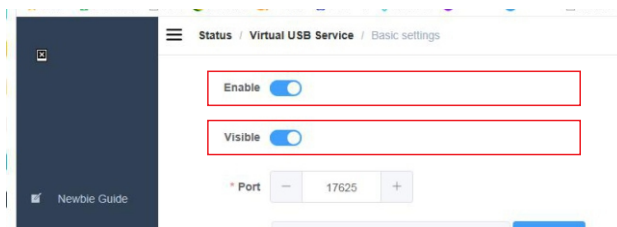
Please check the following:

- 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 Whether the IP address entered is correct or valid.
- ④ 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:

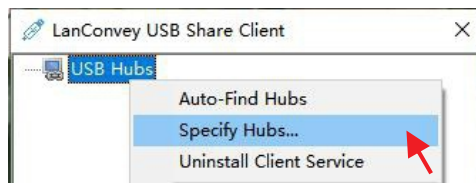
- ① Reinstall the "USB connection tool" software, and re-enter the IP address of the server and add the USB sharer.
- ② Unplug and Plug the server power supply or restart the server.
- ③ Restore the server to the factory state, reset the network connection and add the USB sharer.

**9.** Double click your USB device name (or right-click your USB device name and select "Use this device" ), your USB device will display "in use by you", and you can use this USB device on your PC.

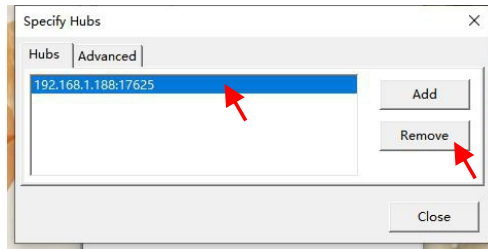


**10.** If you still want to add and share USB devices with different IP address, you can return to *Step 5*. Then right click on the "USB Hubs" and select the "Specify Hubs..." . enter and submit another IP address again.

As shown in the picture below:



**11.** If you need to delete one of the IP addresses. Select the IP address and click "Remove" .



**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)



## ● Add automatically

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

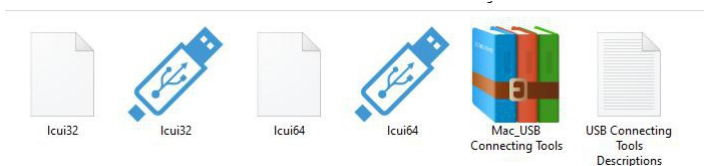
Before connecting and sharing your USB device(s), please make sure that the server and your USB devices are powered / turned on and they are in work state. Your USB device(s) has been connected to the USB port of the server, and the server has completed the wireless or wired connection setting of the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

1. Download the "Win\_USB connecting tools" from our website to your computer.



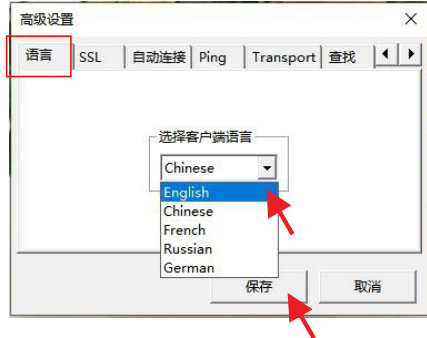
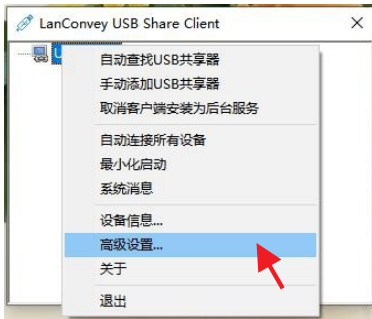
2. Unzip and open "Win\_USB Connecting Tools", and find the version corresponding to your system, and then double-click to open it.

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

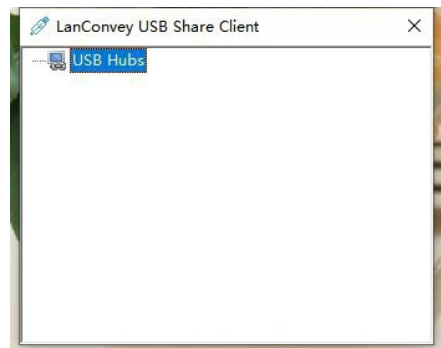


If your system is 64 bit, choose "x64". If it is 32-bit, choose "x86". If it's a MAC system, select DMG file

3. After opening the software, right-click on the "USB 共享器" (USB sharer) and then select "高级设置.." (advanced settings) to enter the software setting interface. Then select the language you want to display below "选择客户端语言" (select client language). Click "保存 " (save) .

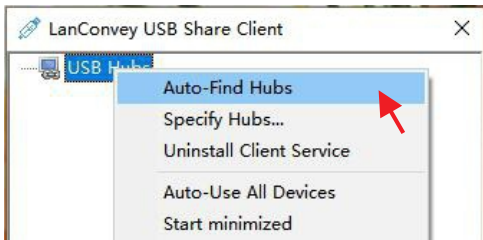


4. It will prompt you to "保存设置并重新启动客户端？" (save settings and restart the client?) , and click "是 (Y) " (Yes (Y)) . Then open the "USB connection tool" again, and the software function interface will be displayed in the language you set.

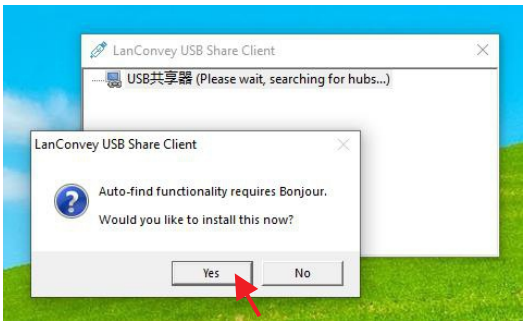


5. After opening the software again, Right-click on the "USB Hubs", and select "Auto-Find Hubs".

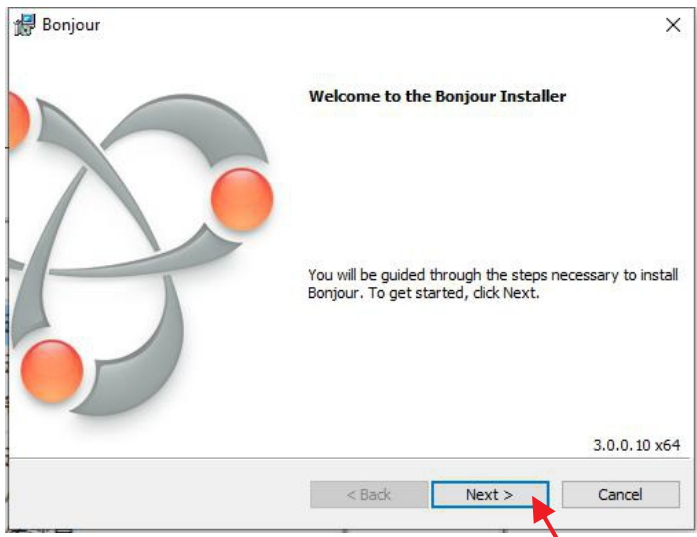
(if the "Bonjour" has been installed on your computer before, it will automatically search for servers in the local area network as soon as you open "USB connecting tools", so that you don't need to do anything.)



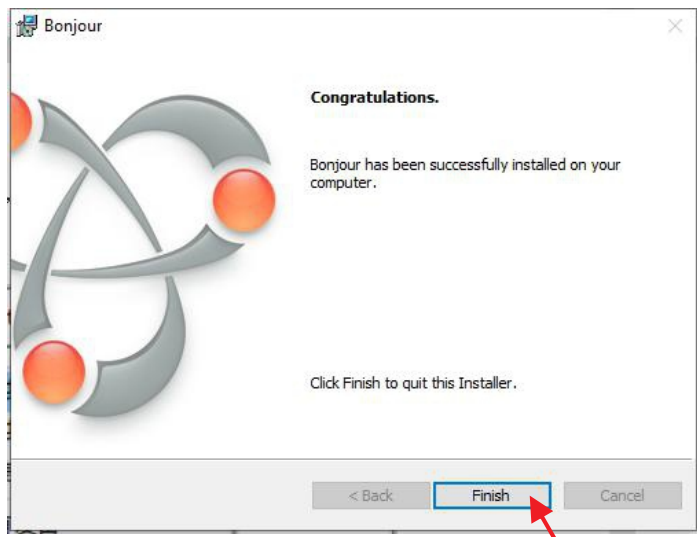
6. The dialog box "auto find functional requirements Bonjour..." will appear and click "Yes"



7. Enter the "Boujour" software installation interface, click "Next" and complete the "Boujour" installation according to the prompt.



8. After installation, click “ Finish”



9. Return to the "USB Connecting Tools" interface, and you will see that your USB devices has been added.

Double click your USB devices name, and your USB device will display "in use by you". Then you can use the USB devices. Double click again can disconnect.



You can also add and share USB devices manually.

**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:

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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.