

# MRLOOP Dongle User Guide

## Windows

2016/06/03

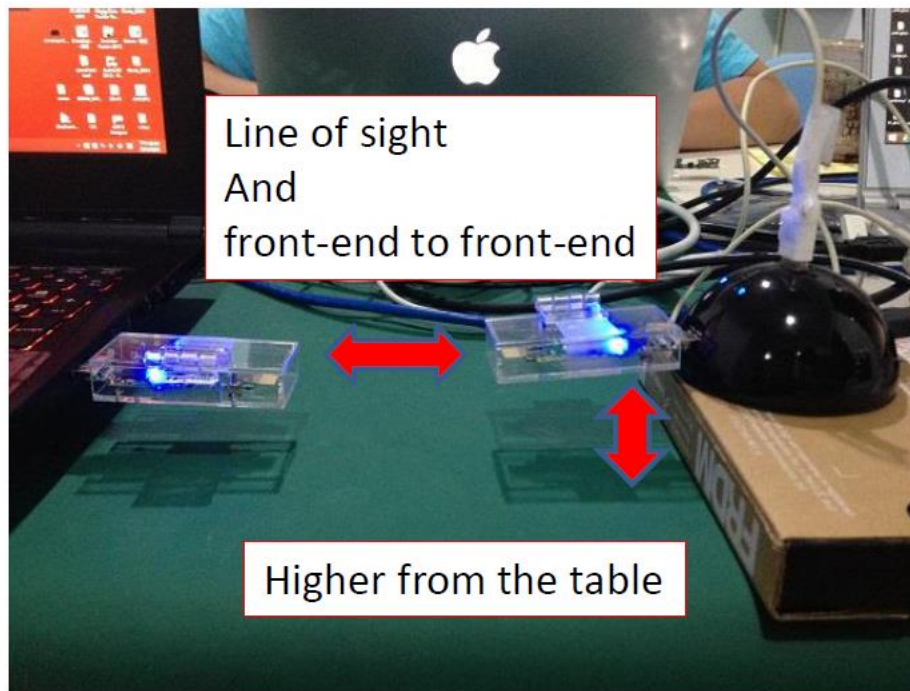
Bayer

SW version 1.0.3.8

# Minimum System Request

- CPU: Intel i5-4200U 2.3GHz above
- Chipset: Later than Intel® HM86(USB driver version 6.3.9600.17393)
- For PLAYING 4K video, graphic processor: GeForce GT750M above
- Memory: 8G
- HD:SSD
- Install .Net Framework4.5 above

# HW set up



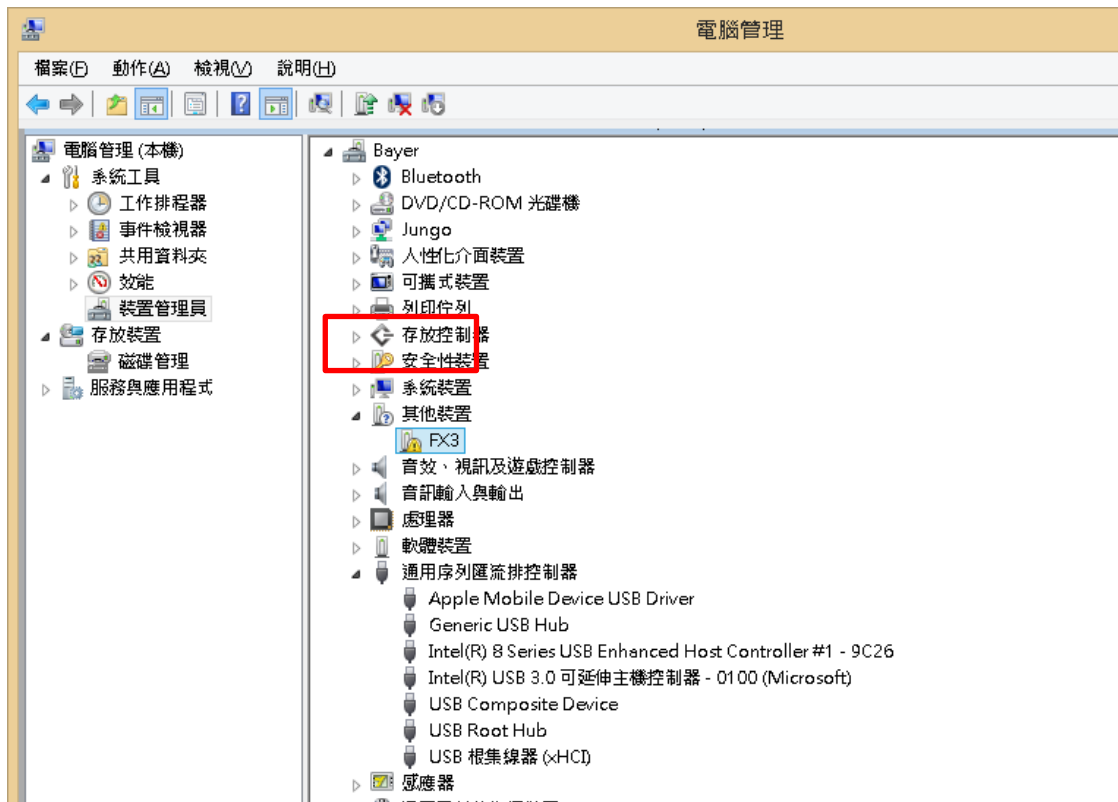
1. Let the front-end of the dongle point to each other.
2. Keep two dongle in the line of sight with no obstruction.
3. Keep the dongle higher from the table.

# Install SW

1. Run Setup\_x\_x\_x\_x.msi
2. Plug-in device
3. Run InstallINF\_x64.exe if 64bit system or run InstallINF\_x32.exe if 32bit system

# Install driver manually

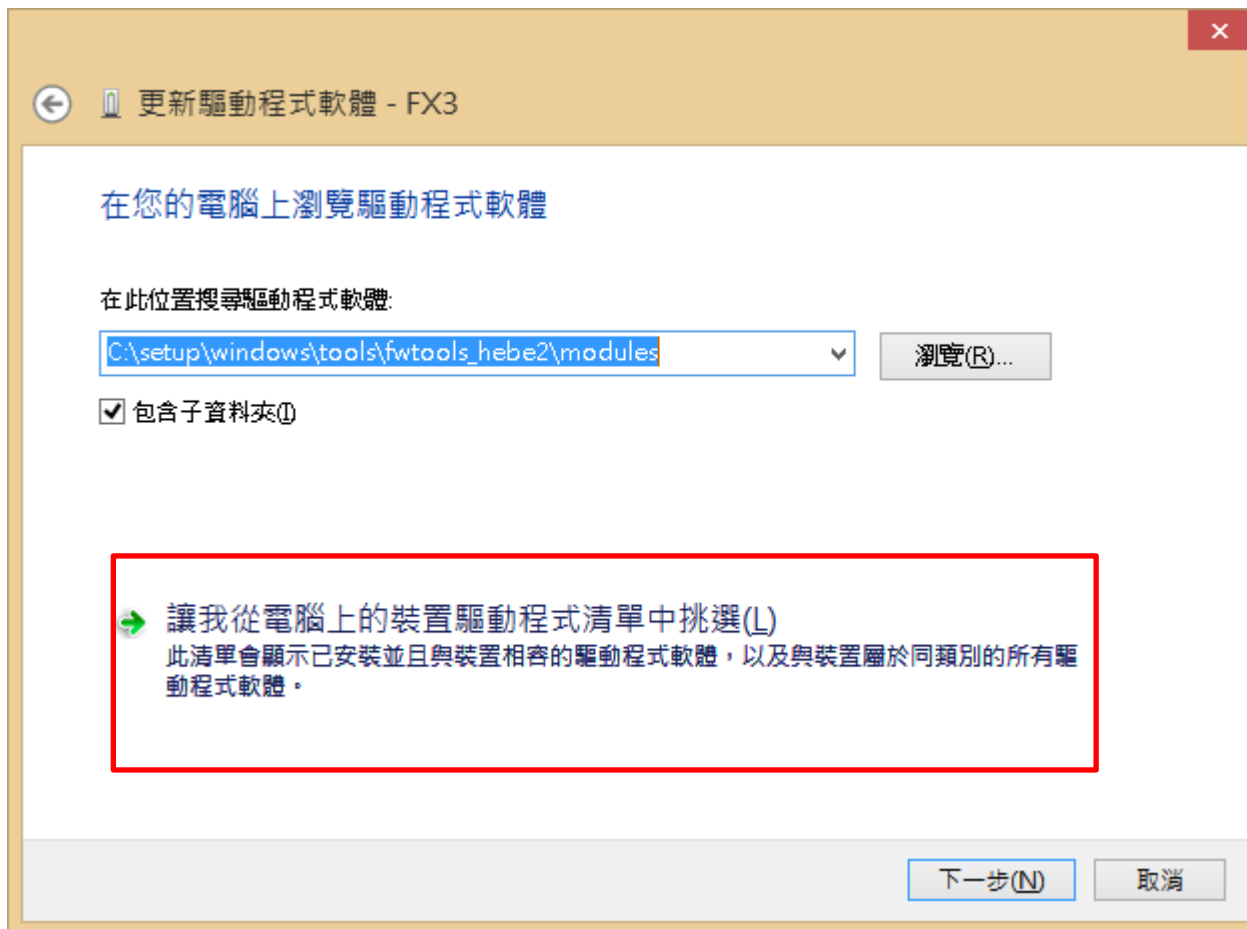
1. If run "InstallINF\_xxx.exe" successfully, skip this and jump to the page "[Disable USB suspend for high performance](#)"
2. Run Device Manager. Select "FX3" and mouse right click. Select "Update Driver Software".



## 2. Select “Browse my computer for driver software”.



### 3. Select “Let me pick from a list of device drivers on my computer”



## 4. Select “next”





# 5.Select “have disk...”



## 6. Select the path of “cyusb3.inf”

Default path is :

C:\Program Files (x86)\MrLoop\Dongle\driver\\*windows\_version\\*\*x64\_or\_x86

\*Depends on windows version, select win7, win8, win8.1. For win10, choose win8.1

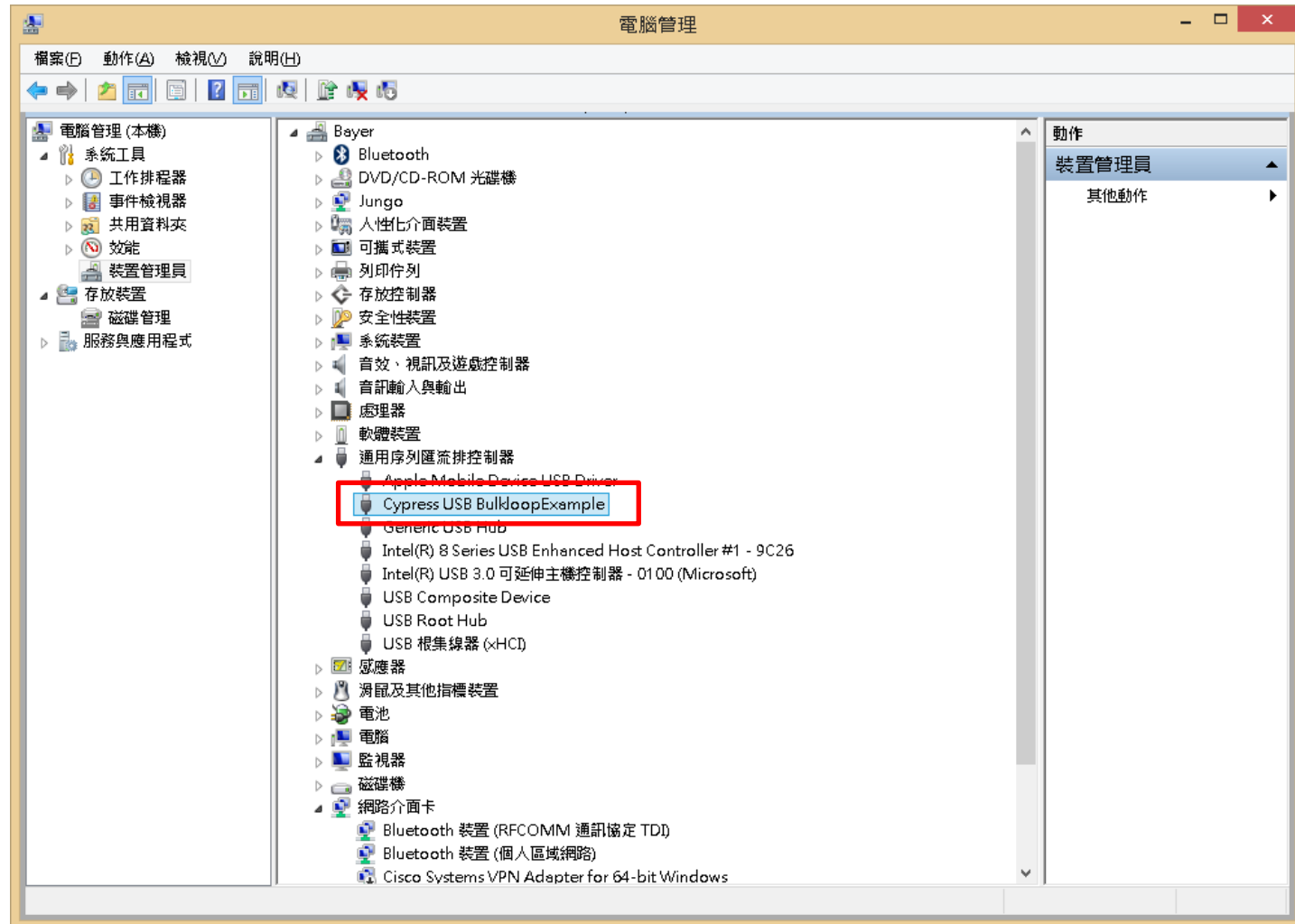
\*\* Depends on 32bit OS or 64bit OS



# 7. Select “Cypress USB BulkloopExample” and “next”

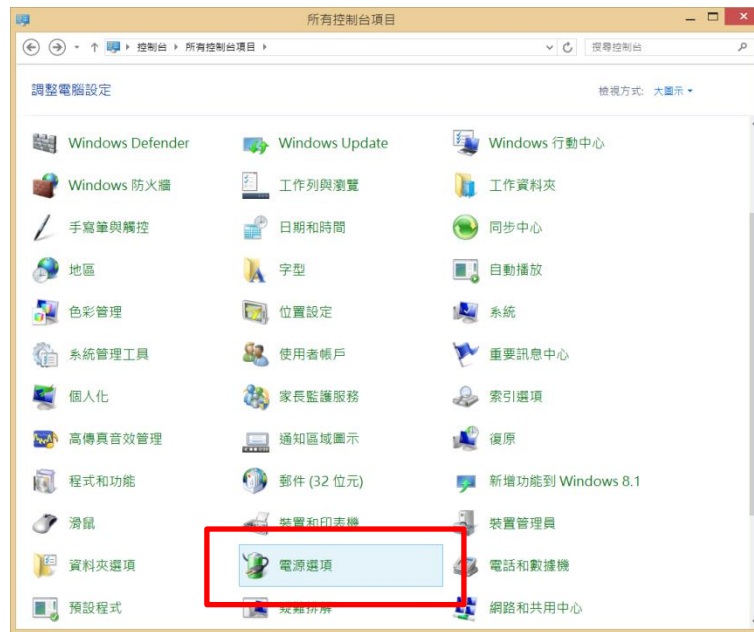


When install successfully, you can find “CypressUSB BulkloopExample” on device manager.



# Disable USB suspend for high performance

1. Click power management



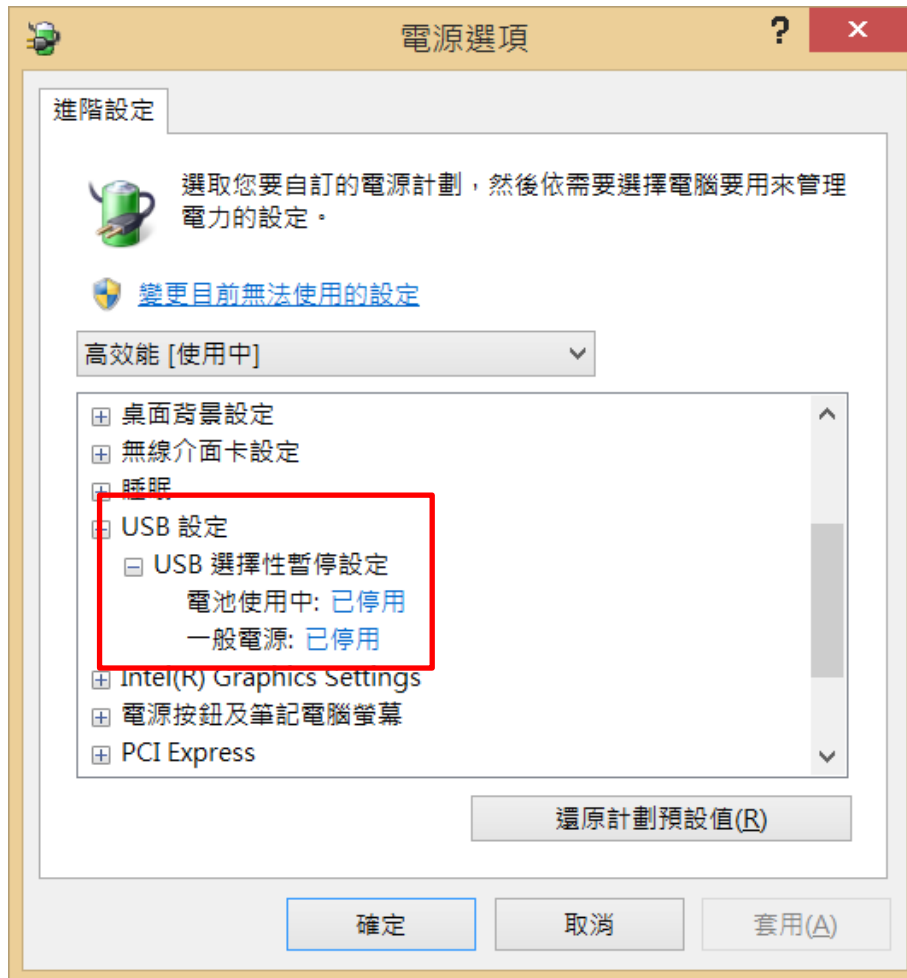
2. Click “High performance”
3. Click “change setting”



#### 4. Click change power setting

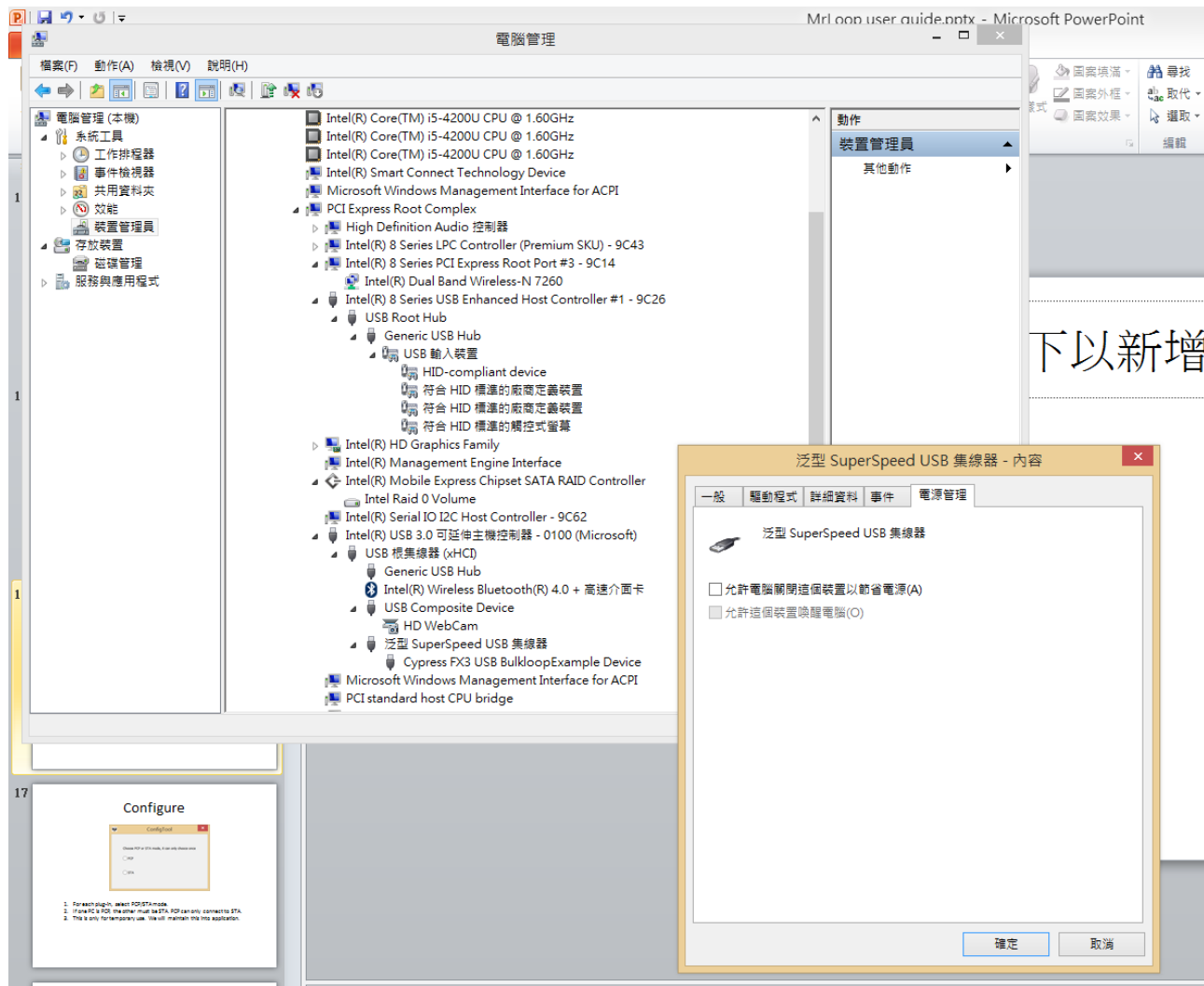


## 5. Disable USB selective suspend



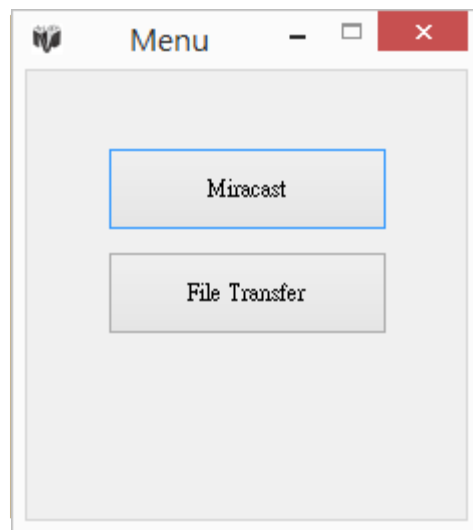


# Disable USB hub power management



# To use application

- Run the “Menu.exe” in App folder.
- You can create a shortcut on desktop.



# Mirrolink

## **Feature**

To share display/access by wireless.

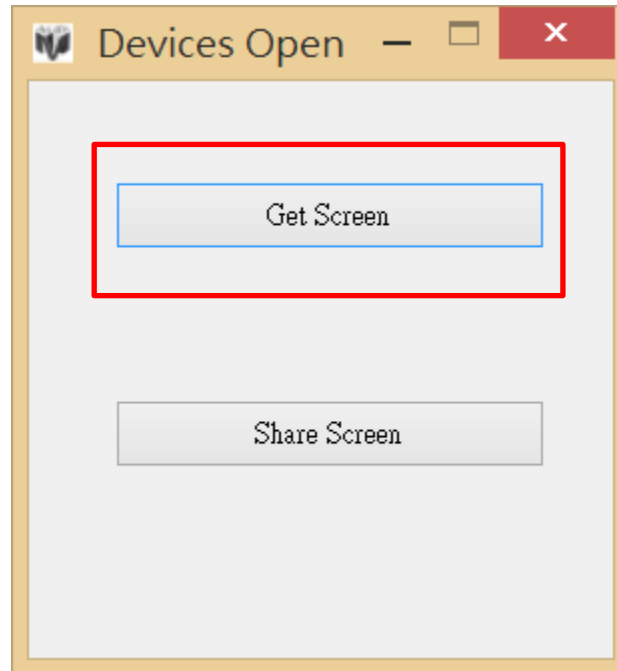
## **How to use**

1. Click "Share Screen" on the platform that you want to access.
2. Click "Get Screen" on another platform.
3. You can see the screen and control (by mouse and key board) another PC through the application window on "Get Screen" side.

# Mirrolink

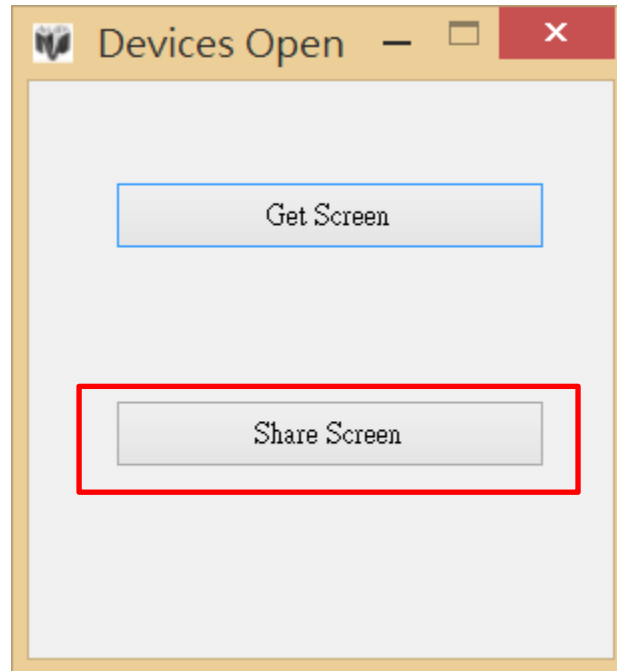
1. Working range for demo: 1.2 meter
2. Slave site max. resolution 1920x1080. (SW will update to 4K soon)
3. Run the master first, then run the slave.
4. When it shows “Mirrolink is connecting”, WHICH MEANS slave is running, to disconnect, click the button “Mirrolink is connecting”.
5. If there is any error message or other unexpected failure, close the application, re-plug the dongle and the application again.
6. There are some non-standard resolution like 1366x768 that can NOT support.

# Mirrolink Get Screen



Just click “Get Screen”

# Mirrolink Get Screen



Just click "Share Screen"

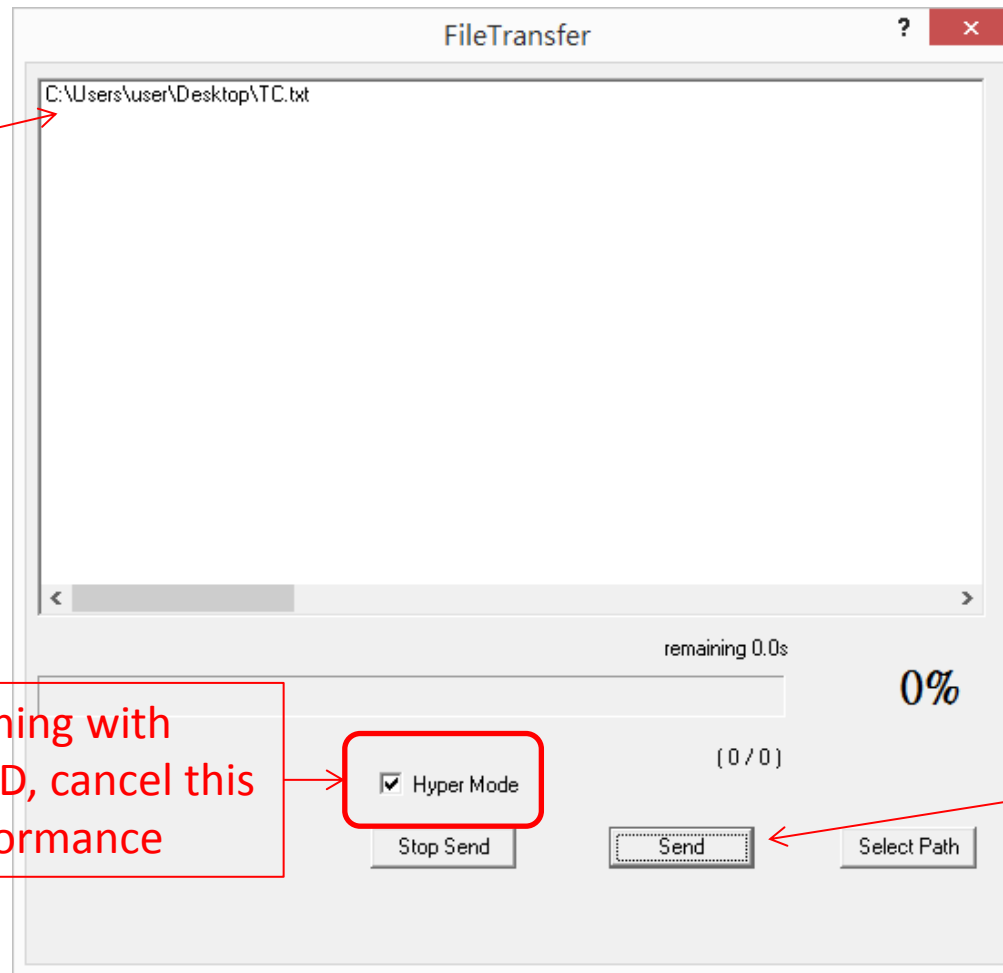
# File transfer

## Notation

1. Working range for demo: 1.2 meter
2. Run the receiver side first, AND then run the transmitter.
3. According to Windows security policy, the application can NOT access the path C:\, please keep the path be desktop or the folder in USER folder , or other path in D:\.
4. If there is any error message or unexpected FAILURE, PLEASE close the application, AND re-plug the dongle and the application again.
5. When transfer large file(exceed 3Gbytes), HD may lock for a short time and cause the application idle for waiting HD. This may happen on SSD too.

# File Transfer Tx

1. Select a file,  
then drag the  
file to the pool



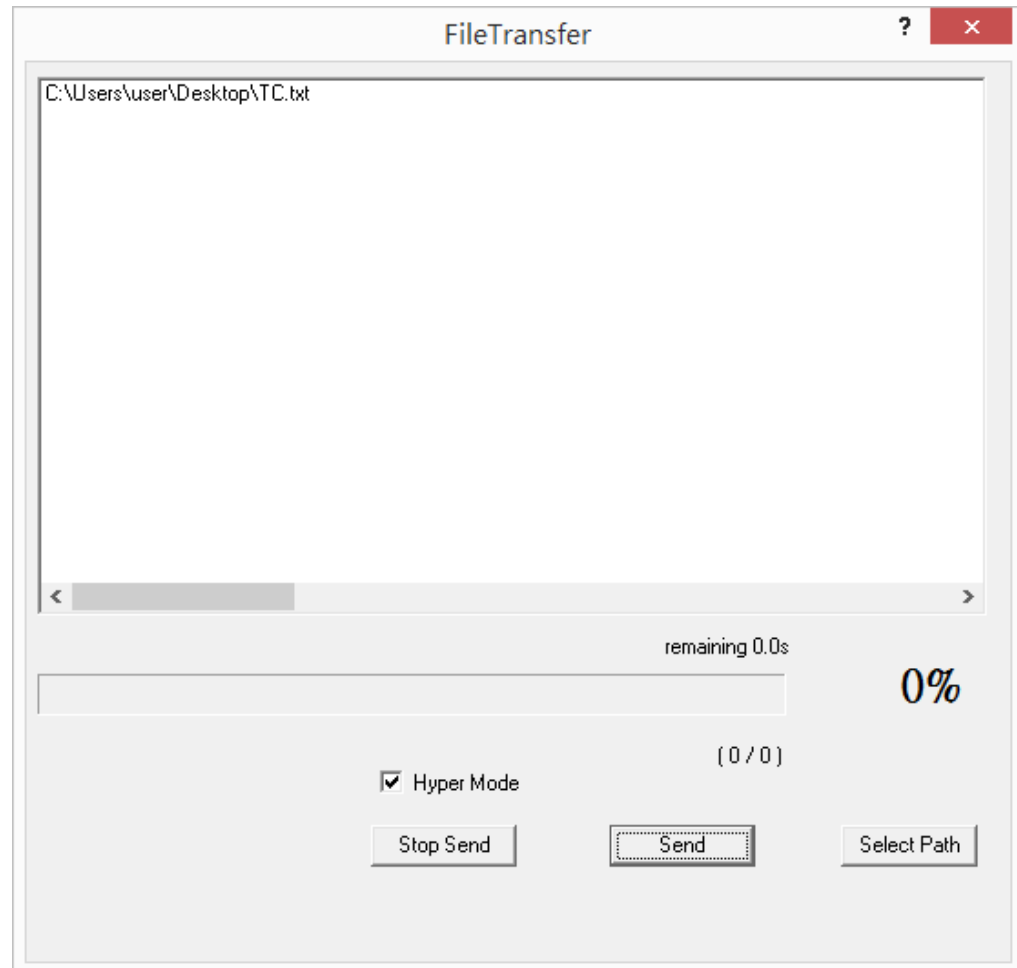
\*When Rx running with  
USB2.0 or H.D.D, cancel this  
for better performance

2. Click "Send".  
When transfer  
done, the list will  
update and show  
the expending  
time.



# File Transfer Rx

Rx will auto start after Tx clicking "Send".  
When transition is done, the path of the file will update on UI.  
The default path is desktop.



# Known issue

1. Nahimic will cause the mirrolink “share screen” side fail to get audio.
2. Some CPU, GPU system management tool may cause Mirrolink fail.
3. On some platform mirrolink “get screen” side may have bad performance to update the screen. When this happens, close the application and restart again or resize the window.
4. When there are multiple displays and using “duplicate”, on some platform mirrolink “get screen” side may not update windows.