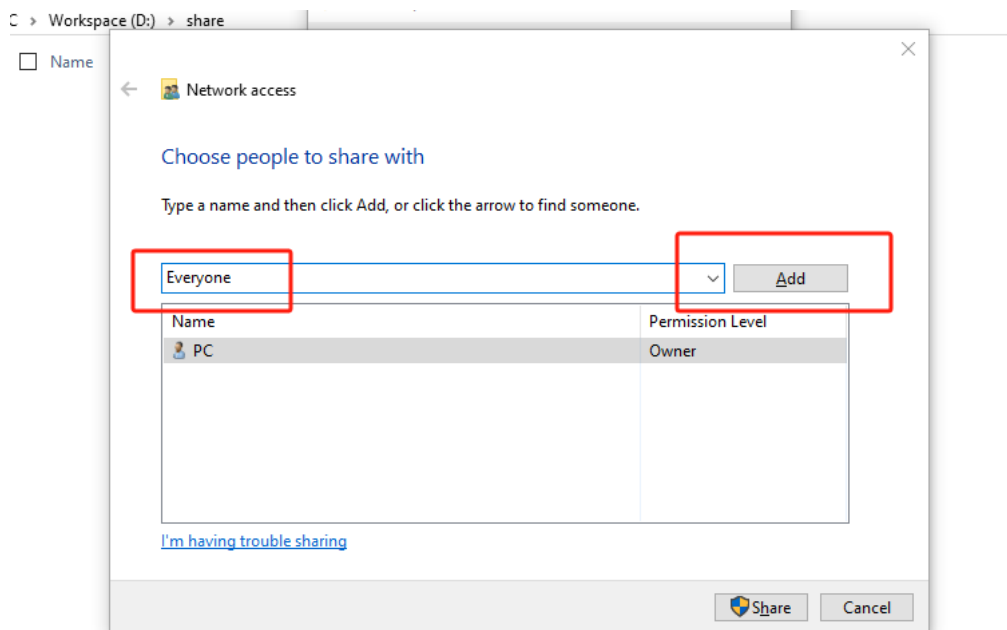
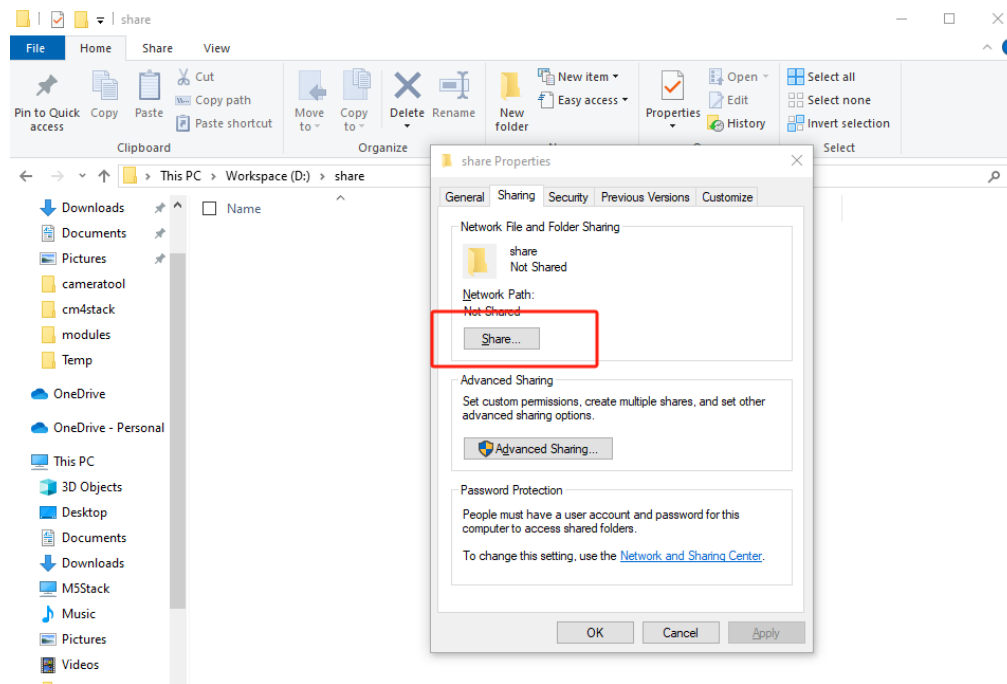


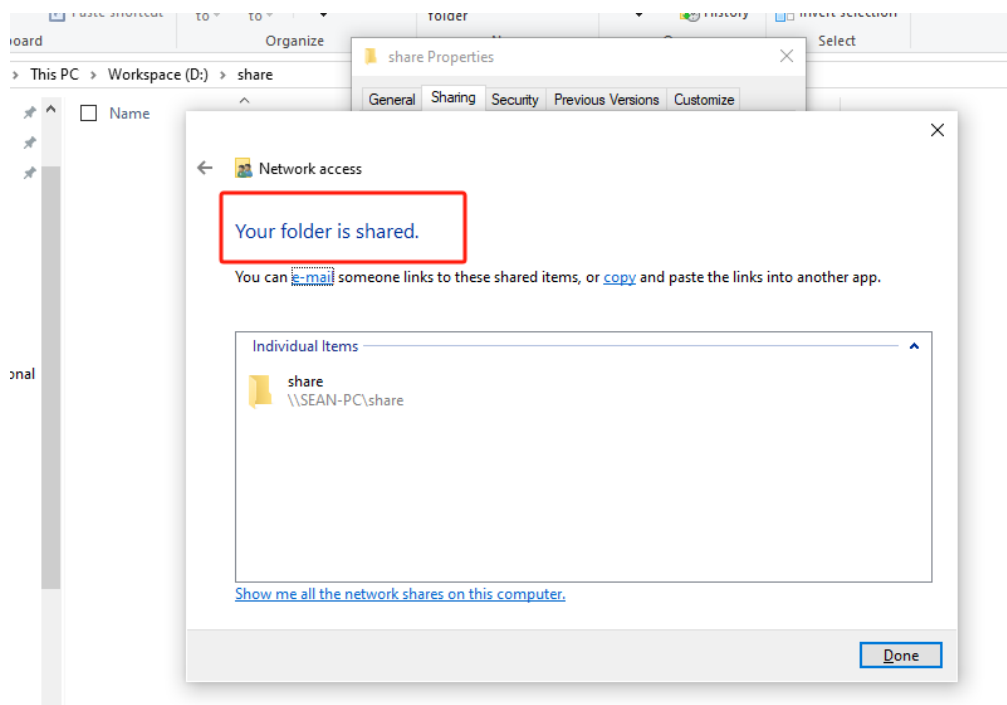
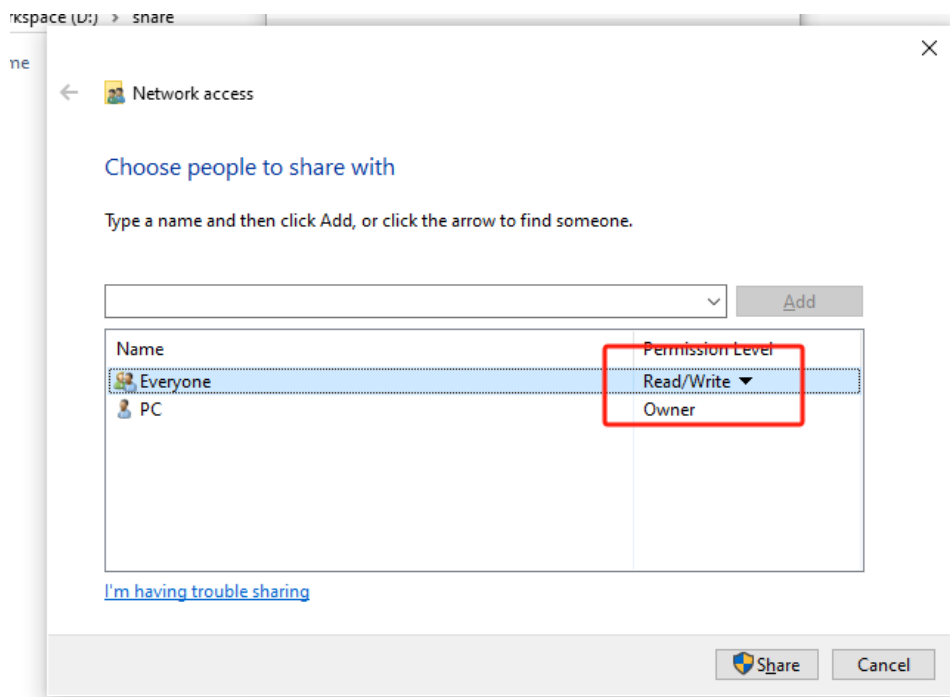
Timer Folder Pusher

This tutorial will introduce you to how to periodically transfer images to a shared folder on a computer via the TimerCAM, based on the SMB file sharing protocol.

Creating a Shared Folder

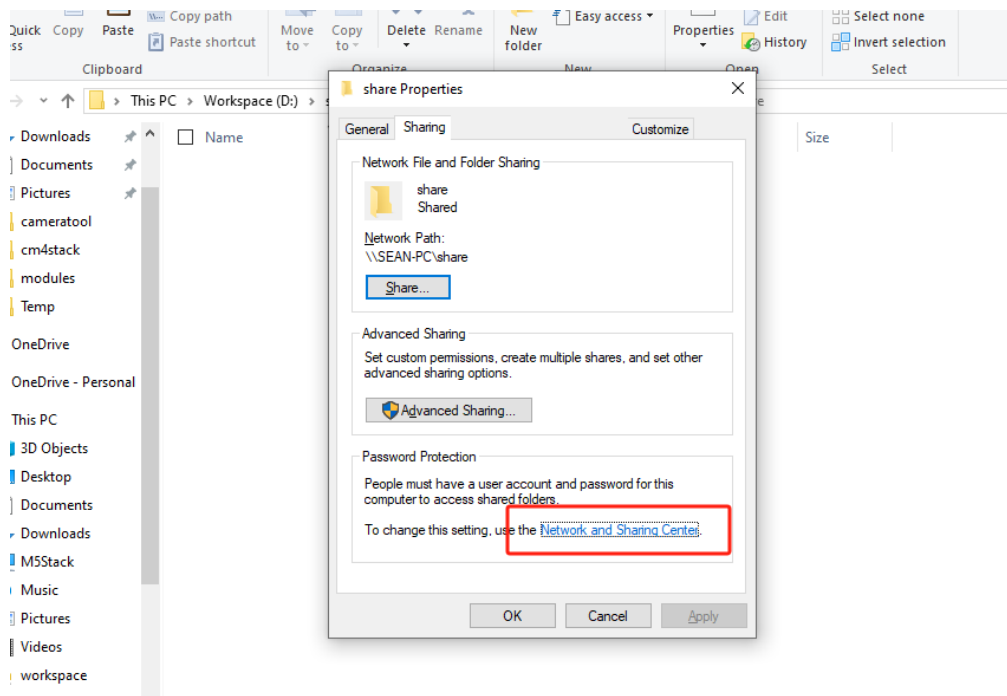
As an example with **Windows 10**, **create a folder** -> right-click in the folder to open **properties** -> **sharing settings** -> add access permission -> click the dropdown menu in the input box, and select **Everyone** then click add -> click the permission level dropdown, enable **read/write** permissions -> confirm sharing.



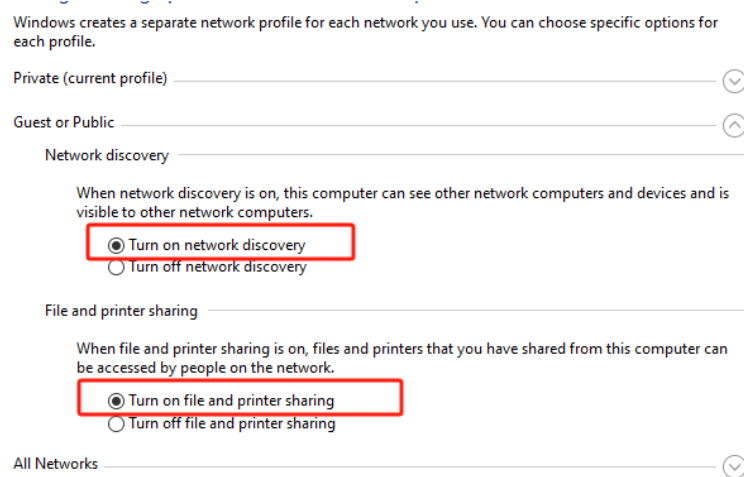


Modifying Sharing Settings

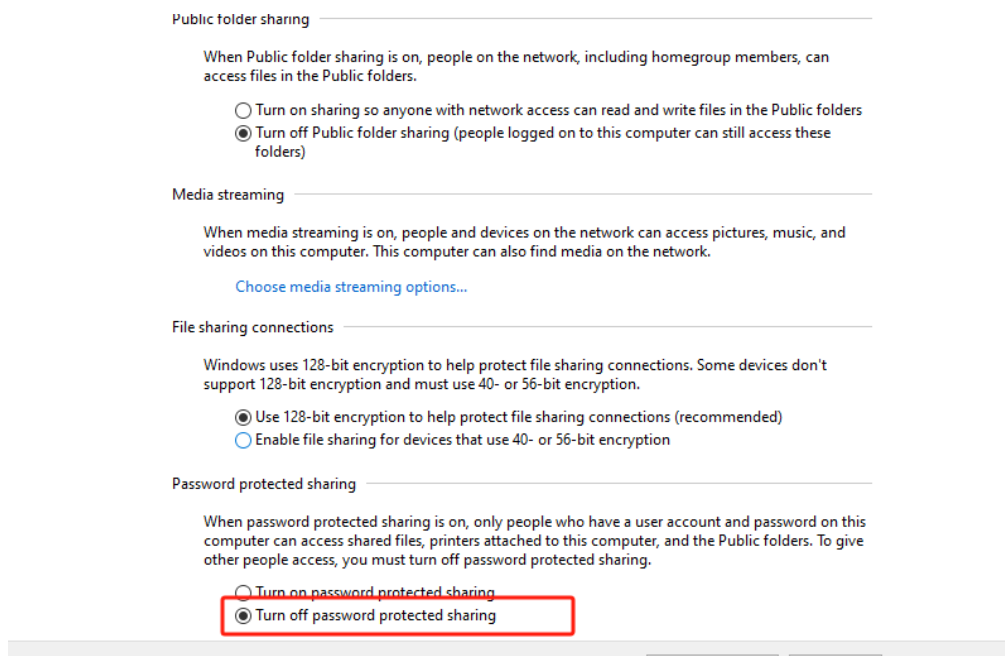
Right-click in the folder to open `properties` -> `Network and Sharing Center`



Change network discovery to **Enable network discovery**.



Click the dropdown icon for all networks, in password protected sharing select **Turn off password protected sharing**, finally click **Save changes**.



Driver Installation

Baud Rate Limit

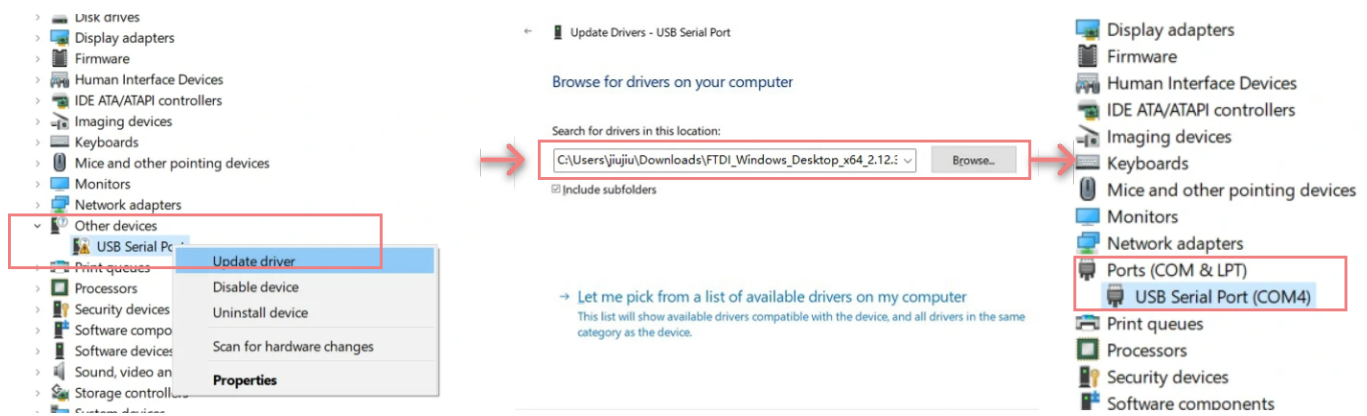
When performing the device program download operation, it is recommended to select the following serial port baud rate options. If other speeds are used, it may result in the program being unable to be downloaded properly.

1500000 bps / 750000 bps / 500000 bps / 250000 bps / 115200 bps

1. Select the driver file that matches your operating system from the list below, download it, and extract it. You can also visit the [FTDI Chip official website](#) for additional FTDI driver versions.

Driver Name	Download Link
Windows_Desktop_x64	Download
Windows_Desktop_x86_32	Download
Windows_Desktop_ARM	Download
MacOS_Intel	Download
MacOS_ARM64	Download

2. Connect the device to your PC, open Device Manager, and install the FTDI driver (the screenshot below uses Windows 10 as an example). (Note: On some systems, you may need to install the driver twice for it to take effect. The unrecognized device is usually named `M5Stack` or `USB Serial`.)



For MacOS users, before installing please check [System Preferences](#) -> [Security & Privacy](#) -> [General](#) -> [Allow apps downloaded from](#) -> [App Store and identified developers](#).

Downloading the Burning Tool

Please click the button below according to your operating system to download the corresponding M5Burner firmware burning tool. Unzip and open the application.

Software version	Download link
M5Burner_Windows	Download
M5Burner_MacOS	Download
M5Burner_Linux	Download

Obtaining Local IP Address

Press [Win + R](#) keys together to open the Run window, type [cmd](#) and press enter to open the command line, type [ipconfig](#) and press enter to confirm, view the current computer's IP address.

```
C:\Windows\system32\cmd.exe
Ethernet adapter 以太网:

Connection-specific DNS Suffix  . : 
Link-local IPv6 Address . . . . . : fe80::951c:72fa:e7af:36f7%11
IPv4 Address. . . . . : 192.168.2.163
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.2.1

Ethernet adapter VMware Network Adapter VMnet1:

Connection-specific DNS Suffix  . : 
Link-local IPv6 Address . . . . . : fe80::6c02:66e:5275:6cbb%4
IPv4 Address. . . . . : 192.168.26.1
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 

Ethernet adapter VMware Network Adapter VMnet8:

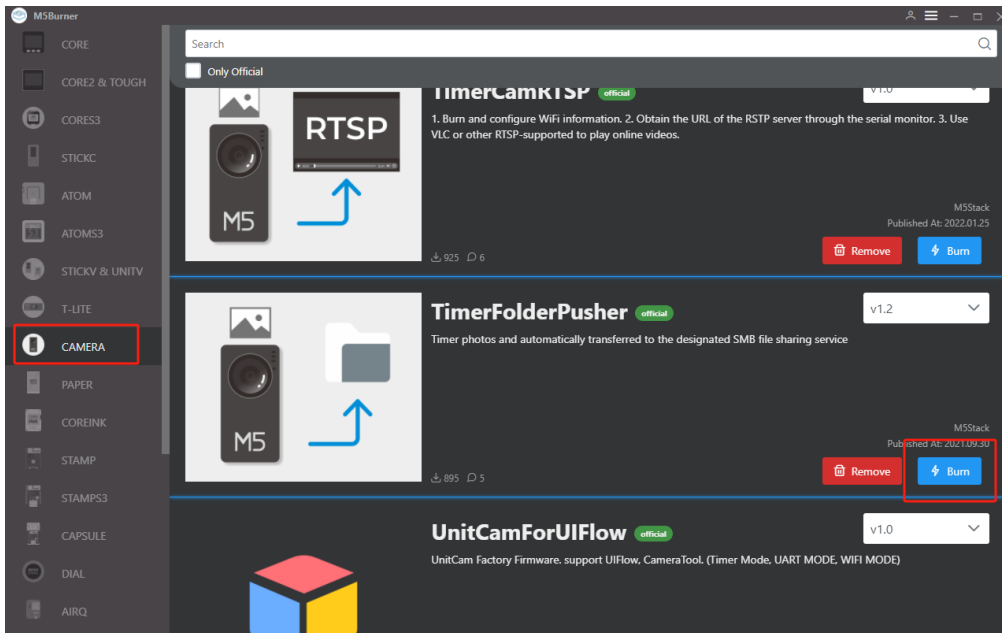
Connection-specific DNS Suffix  . : 
Link-local IPv6 Address . . . . . : fe80::a756:b094:9ec3:5f93%18
IPv4 Address. . . . . : 192.168.64.1
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 

Wireless LAN adapter WLAN:

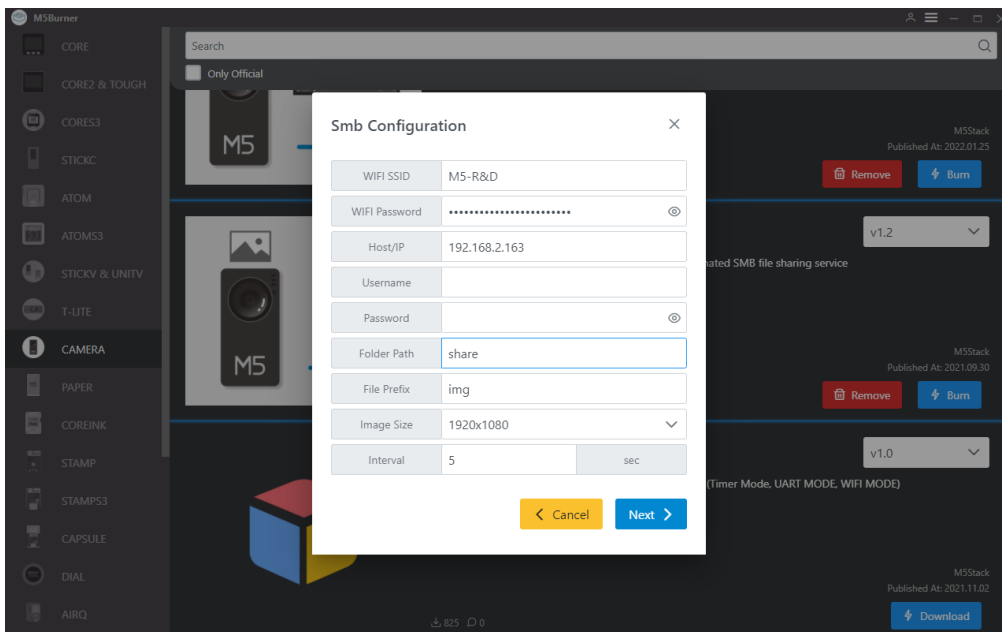
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . :
```

Burning Firmware

Open M5Burner --> connect the device to the computer --> select the corresponding port --> switch to the TimerCam option --> select the TimerFolderPusher firmware and click download --> click Burn to start burning --> wait for the successful popup to indicate burning is complete



Click Burn, before burning, you need to configure some related connection parameters for the device.



WIFI SSID : WIFI name, note to avoid special characters, the computer establishing the shared folder and the TimerCAM must be on the same network

WIFI PASSWORD : WIFI password

Host/IP : The IP address of the file sharing service

Username : Username for accessing the file sharing service (if access permission is for everyone, this can be omitted)

Password : Password for accessing the file sharing service (if access permission is for everyone, this can be omitted)

Folder Path : Path to the shared folder

File Prefix : Default prefix name for images

Image Size : Size of the image

Interval : Interval between sending images

Note:

It is not recommended to create a shared folder on the system disk. When the camera cannot connect to the shared folder service normally, you can try to change a shorter path and try again.

Starting Periodic Transfer

