

# recamera user manual

```
admin: recamera
passwd: recamera
node-red: localhost:1880
wifi-config: localhost
```

## Set up the working environment

### USB NET setup

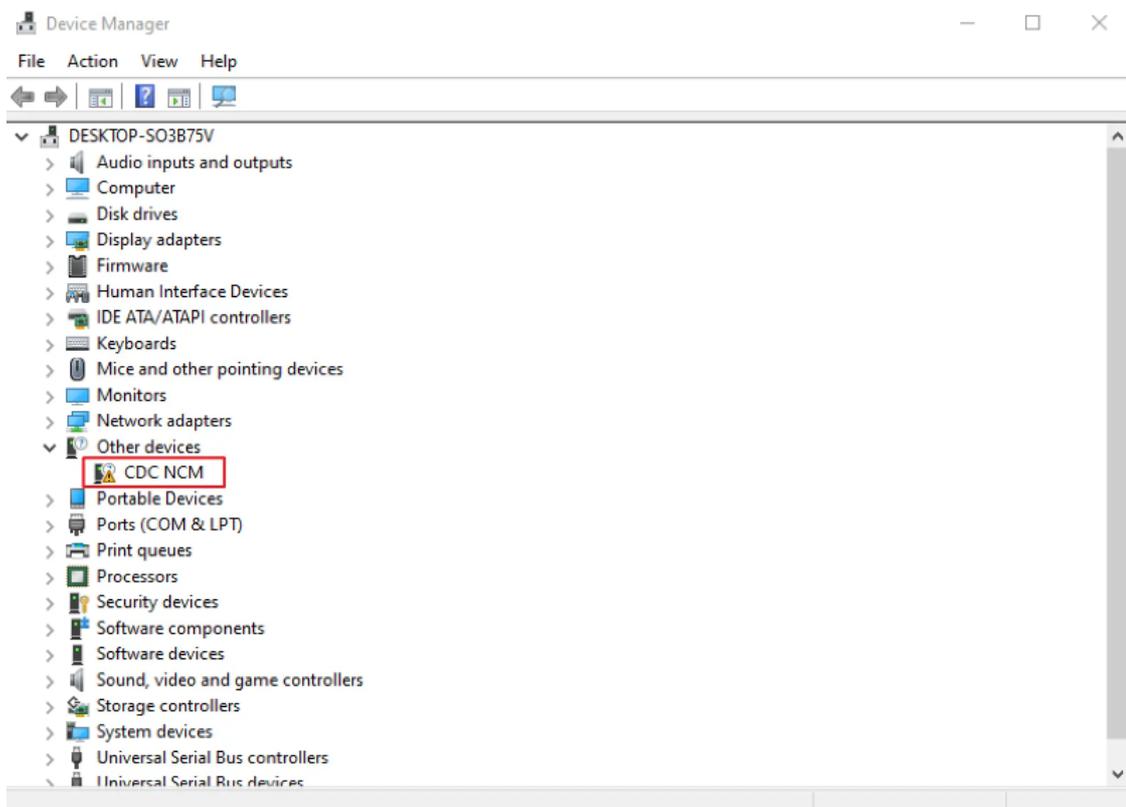
To use USB networking, we enabled CDC-NCM and DHCP by default on the system.

CDC-NCM is driver-free on Linux, macOS, and the latest Windows systems. You can log in to recamera's terminal directly using `ssh recamera@192.168.42.1`, `passwd = recamera`.

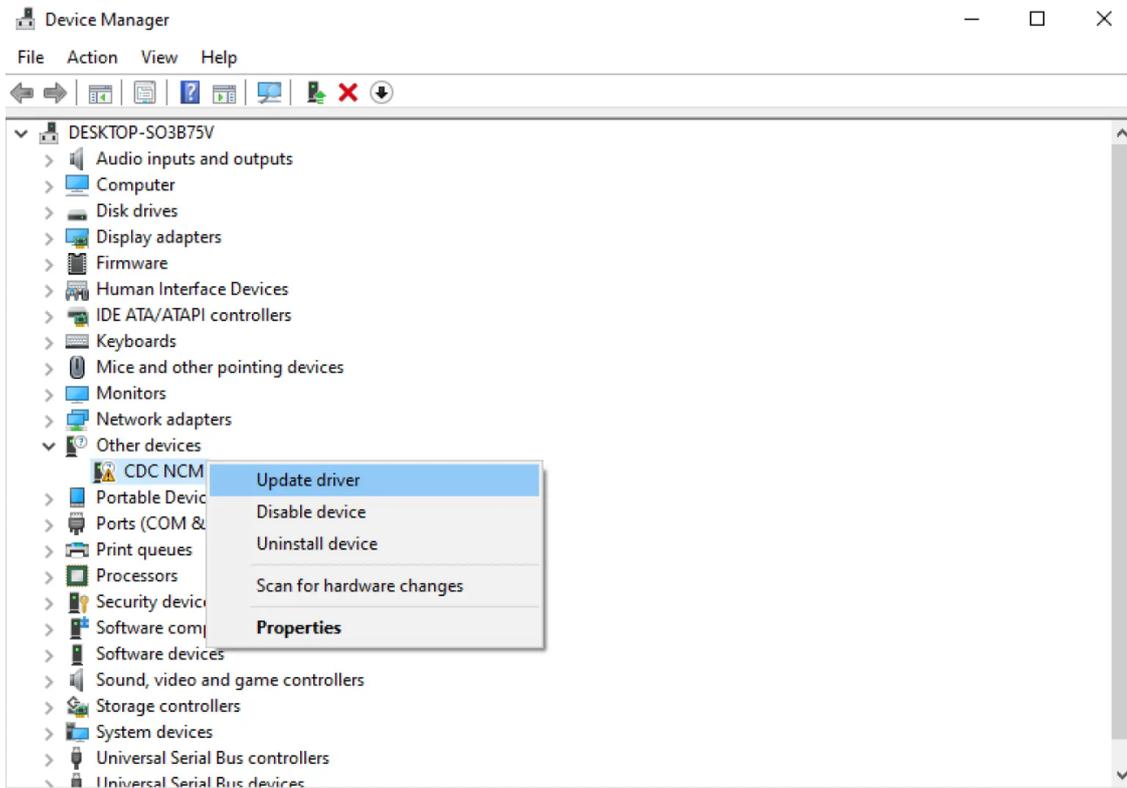
### Windows

If your Windows system is older, you need to manually install the CDC-NCM driver as follows:

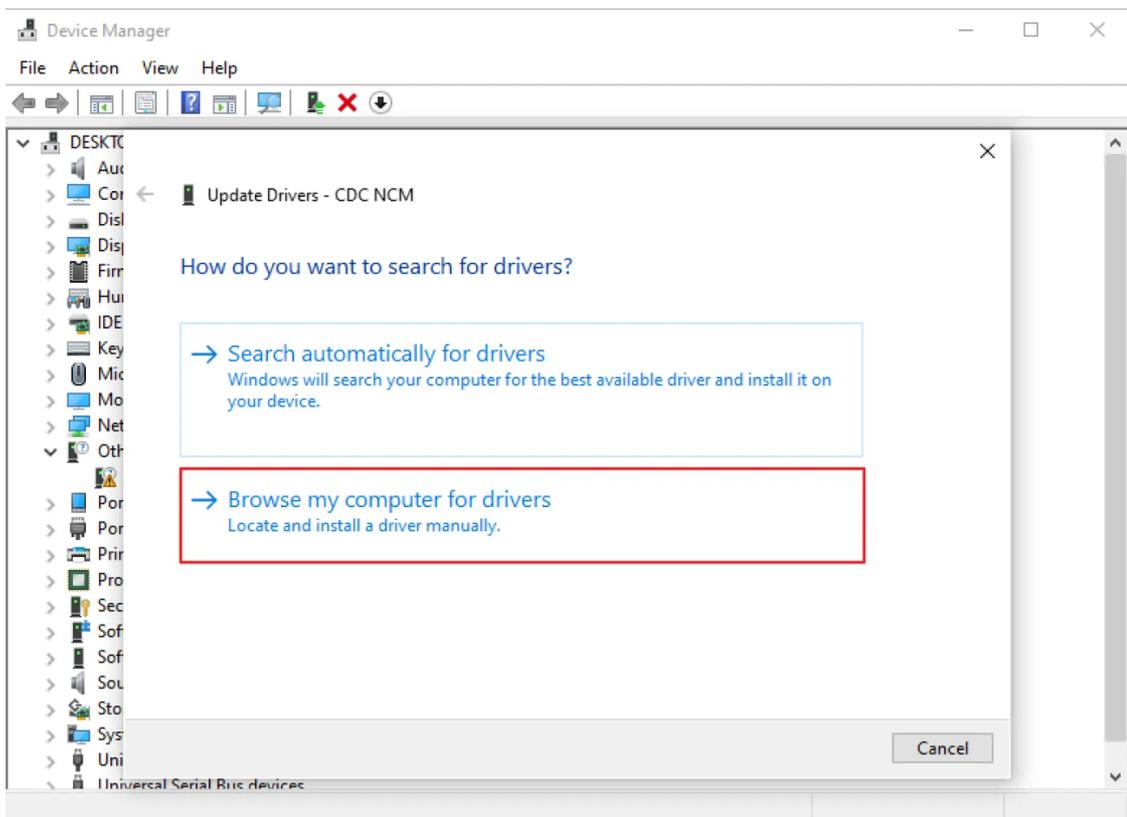
1. Connect recamera to your computer via a Type-C cable.
2. The `CDC NCM` device appears in the Device Manager with a yellow exclamation mark indicating that the driver is not installed.



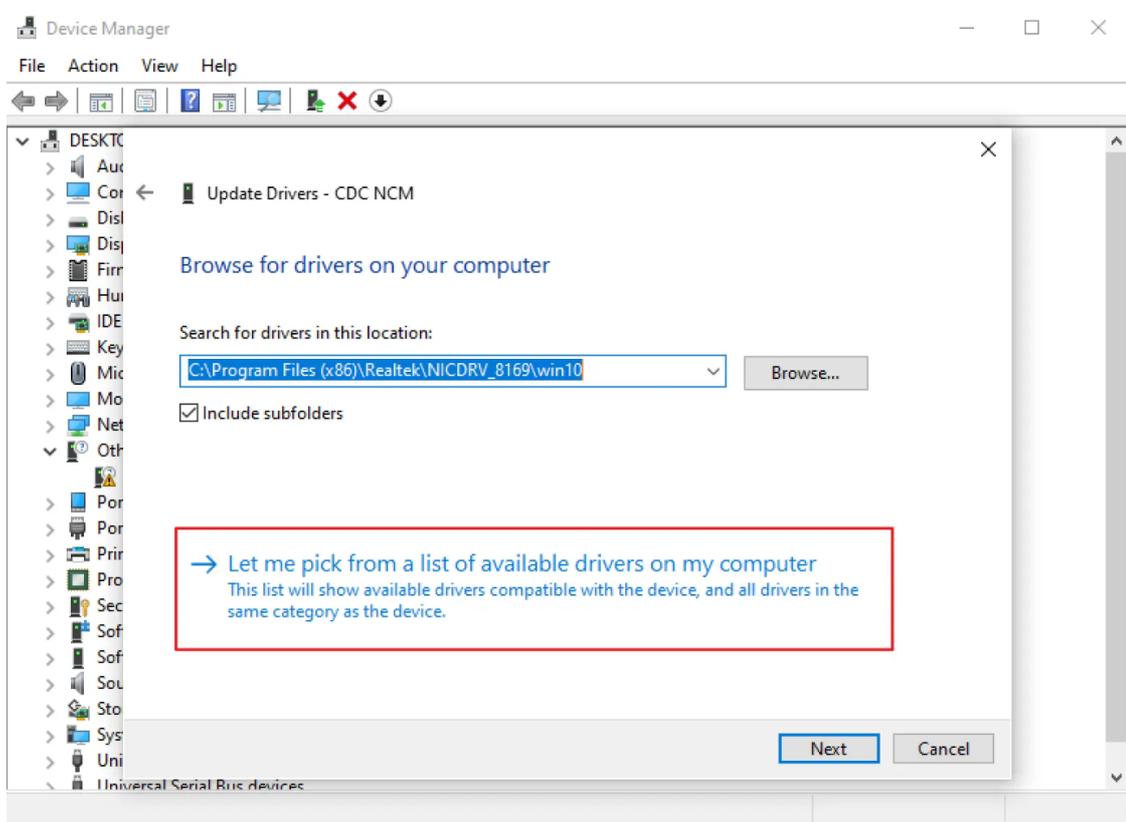
3. Select `CDC NCM` and right-click to select `Update Driver`.



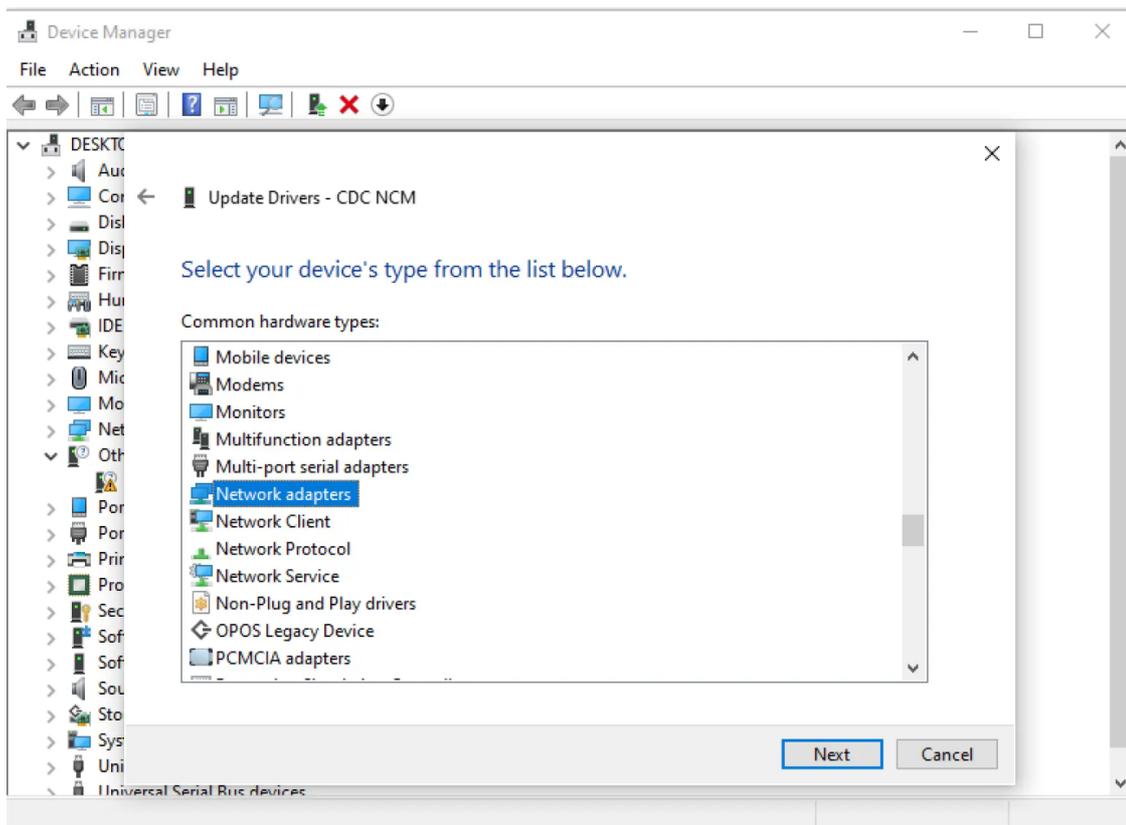
4. Select `Browse my computer for drivers`.



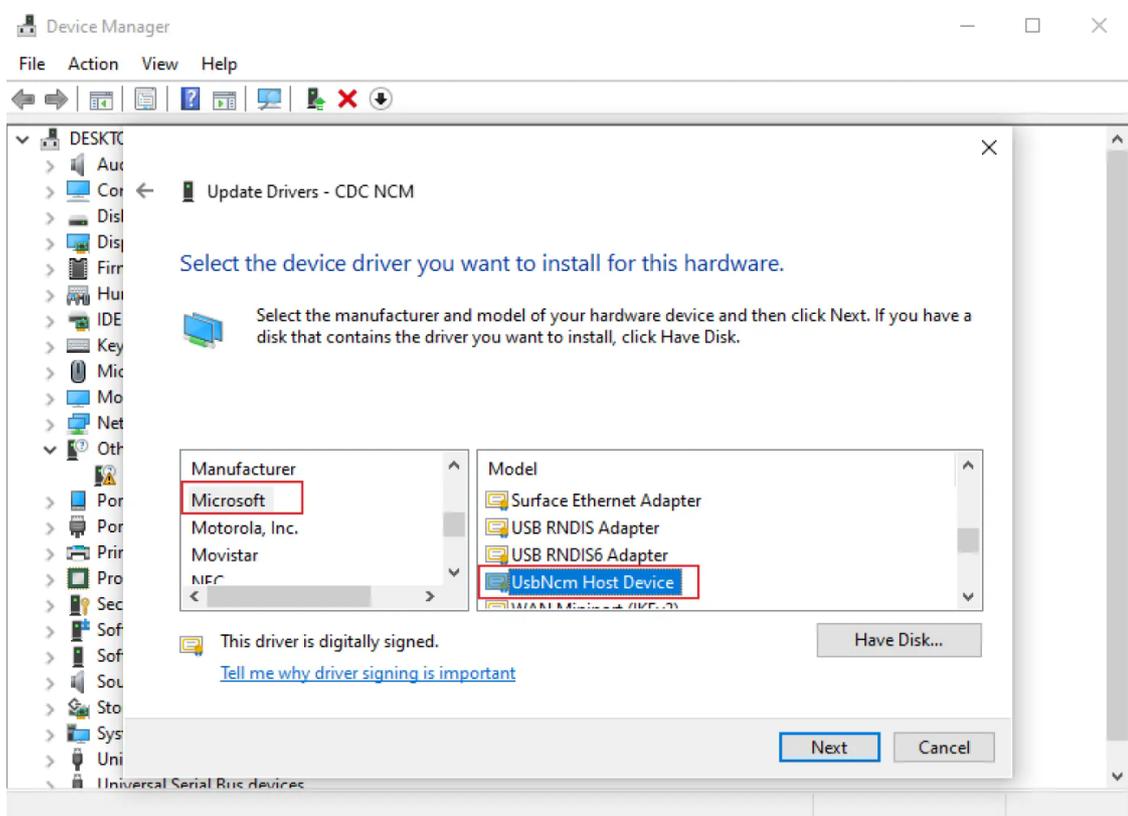
5. Select `Let me pick from a list of available drivers on my computer`.



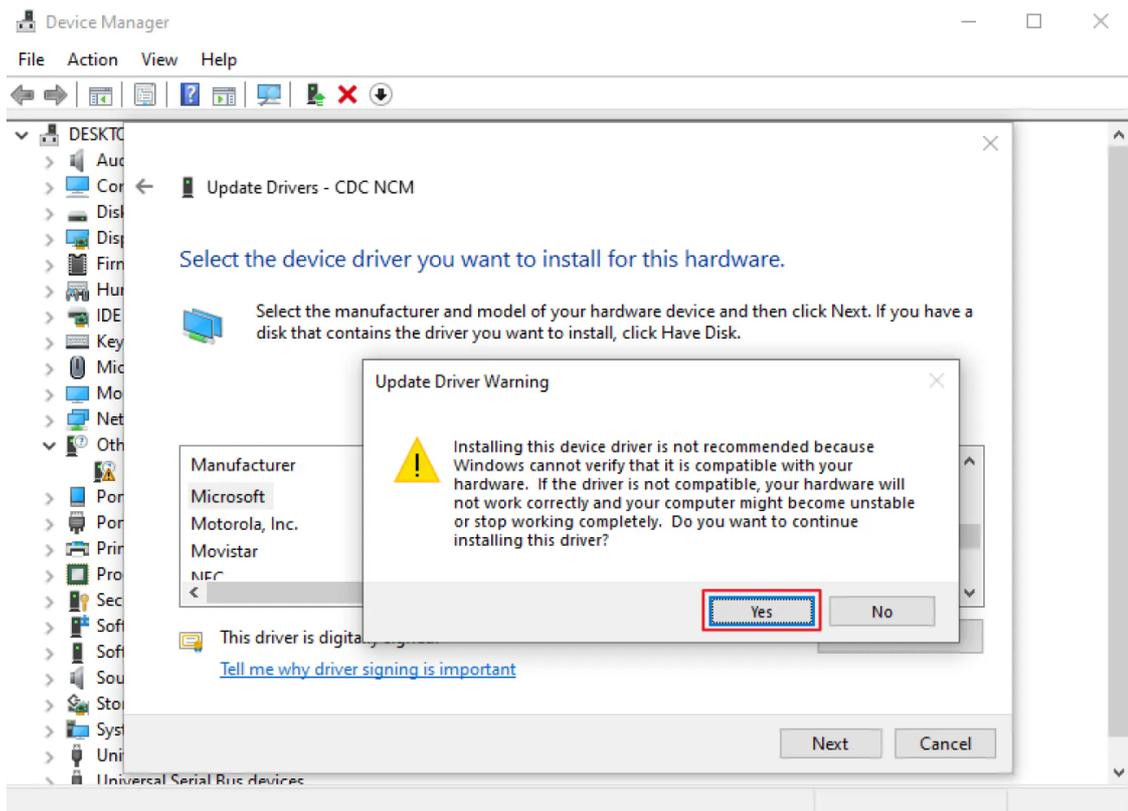
6. Select **Network Adapters**.



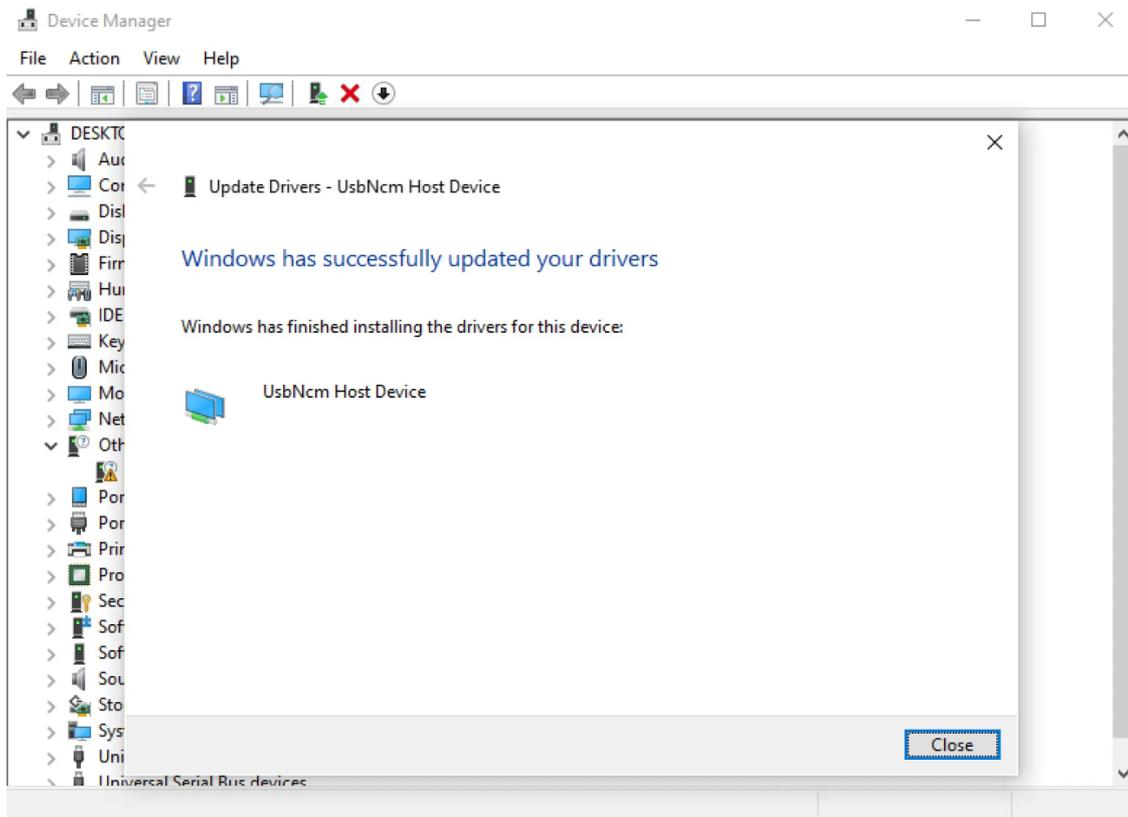
7. Select **Microsoft** in **Manufacturer** and **UsbNcm Host Device** in **Model**.



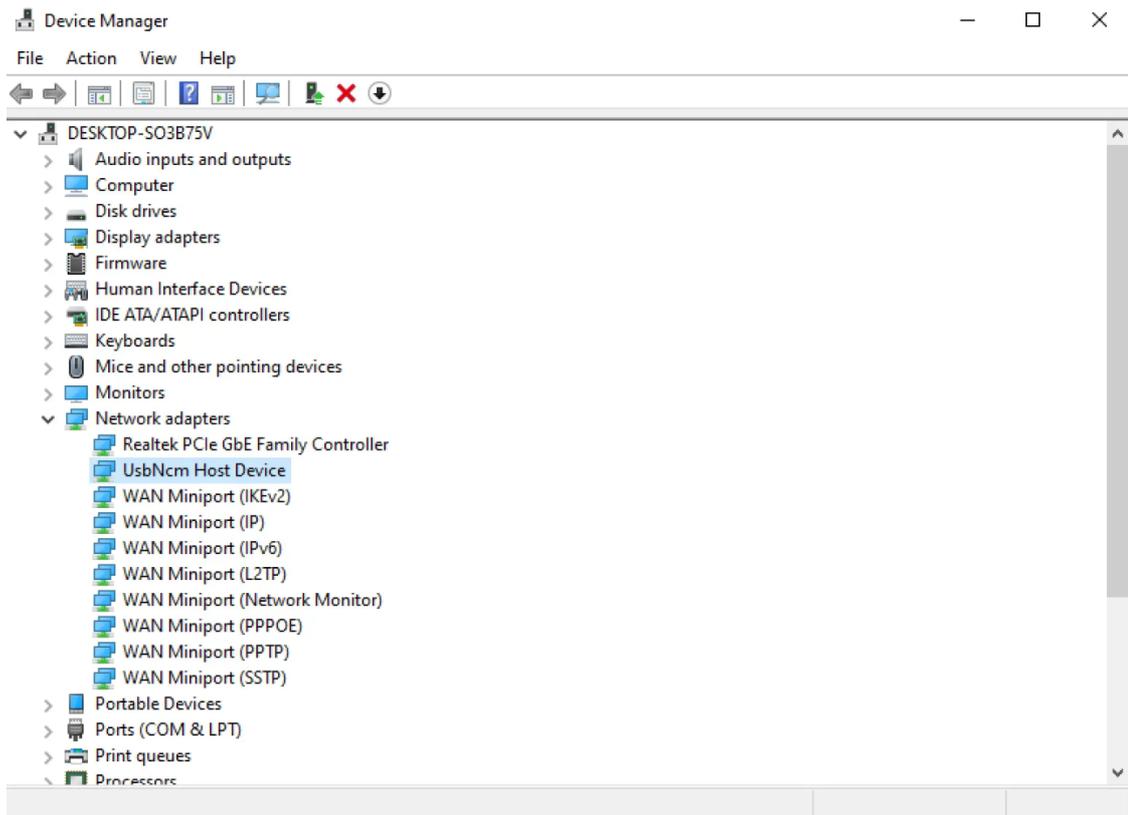
8. Ignore the warning message.



9. The driver was installed successfully.



10. Check `Network Adapter`, `UsbNcm Host Device` is displayed normally.



11. Use the `ping` command to test.

```
选择管理员: 命令提示符
Microsoft Windows [版本 10.0.19045.4894]
(c) Microsoft Corporation。保留所有权利。

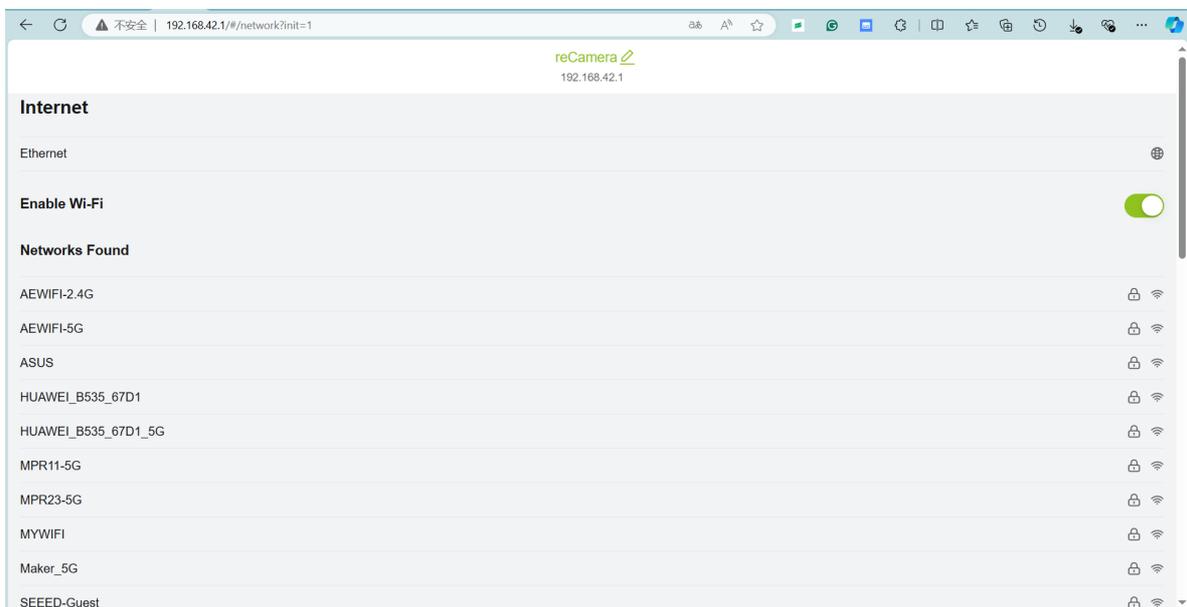
C:\Windows\system32>ping 192.168.42.1

正在 Ping 192.168.42.1 具有 32 字节的数据:
来自 192.168.42.1 的回复: 字节=32 时间<1ms TTL=64

192.168.42.1 的 Ping 统计信息:
    数据包: 已发送 = 4, 已接收 = 4, 丢失 = 0 (0% 丢失),
    往返行程的估计时间(以毫秒为单位):
        最短 = 0ms, 最长 = 0ms, 平均 = 0ms

C:\Windows\system32>
```

12. Enter 192.168.42.1 in the browser to access the device's configuration WiFi network interface.



13. Enter 192.168.42.1:1880 in the browser to access the node-red screen on your device.

