VANJEE 720 IP Configuration

1、 Installation Environment

windows 10

VanJeeView

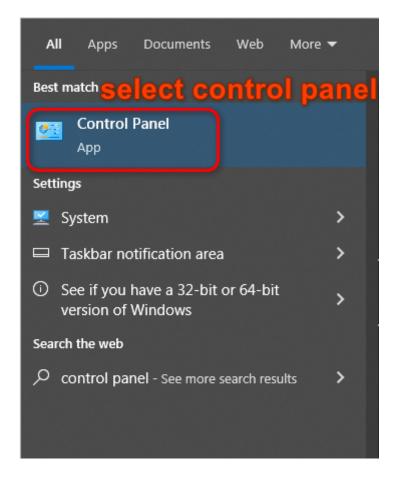## 2、 Software path

VanJeeView：

```
software/VanjeeViewwin.zip
```

3、 Radar IP configuration

Connect the radar's network cable to the computer network port. The default IP of the radar is 192.168.2.85 and the host IP is 192.168.2.88. So we need to change the computer IP to 192.168.2.88.

The following is an example of modification. Note that in the following example, since the radar I have has already been configured, the configured radar IP is 10.168.1.86 and the host IP is 10.168.1.100. So you need to change the computer IP to 10.168.1.100

win10 system case diagram

Control Panel >

Adjust your computer's settings

View by: Category ▾

System and Security
Review your computer's status
Save backup copies of your files with File History
Backup and Restore (Windows 7)

User Accounts
Change account type

select this

Network and Internet
View network status and tasks

Appearance and Personalization

Hardware and Sound
View devices and printers
Add a device

Clock and Region
Change date, time, or number formats

Programs
Uninstall a program

Ease of Access
Let Windows suggest settings
Optimize visual display

Network and Internet

← → ⌄ ↑ > Control Panel > Network and Internet >

Control Panel Home

System and Security

• **Network and Internet**

Hardware and Sound

Programs

User Accounts

Appearance and Personalization

Clock and Region

Ease of Access

Network and Sharing Center select this
View network status and tasks | Connect to a network | View network computers and devices

Internet Options
Change your homepage | Manage browser add-ons | Delete browsing history and cookies

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Network and Sharing Center

← → ⌄ ↑ > Control Panel > Network and Internet > Network and Sharing Center

Control Panel Home

Change adapter settings

Change advanced sharing settings

Media streaming options

select this

View your basic network information and set up connections

View your active networks

网络 5
Public network

Access type: Internet
Connections: 以太网 3

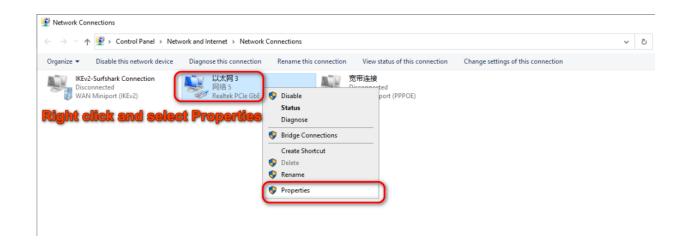Change your networking settings

Set up a new connection or network
Set up a broadband, dial-up, or VPN connection; or set up a router or access point.
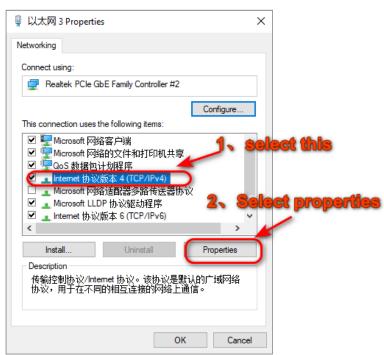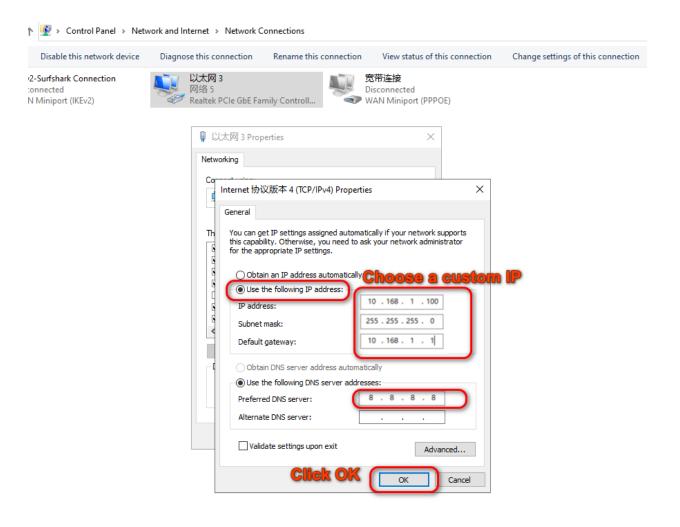
Troubleshoot problems
Diagnose and repair network problems, or get troubleshooting information.

Right click and select Properties

以太网 3 Properties

Networking

Connect using:

Realtek PCIe GbE Family Controller #2

Configure...

This connection uses the following items:

☑ Microsoft 网络客户端
☑ Microsoft 网络的文件和打印机共享
☑ QoS 数据包计划程序
☑ Internet 协议版本 4 (TCP/IPv4) — **1、select this**
☐ Microsoft 网络适配器多路传送协议
☑ Microsoft LLDP 协议驱动程序
☑ Internet 协议版本 6 (TCP/IPv6)

Install...   Uninstall   **Properties** — **2、Select properties**

Description

传输控制协议/Internet 协议。该协议是默认的广域网协议，用于在不同的相互连接的网络上通信。

OK   Cancel

Disable this network device   Diagnose this connection   Rename this connection   View status of this connection   Change settings of this connection

2-Surfshark Connection
:onnected
N Miniport (IKEv2)

以太网 3
网络 5
Realtek PCIe GbE Family Controll...

宽带连接
Disconnected
WAN Miniport (PPPOE)

以太网 3 Properties   ✕

Networking

Internet 协议版本 4 (TCP/IPv4) Properties   ✕

General

You can get IP settings assigned automatically if your network supports
this capability. Otherwise, you need to ask your network administrator
for the appropriate IP settings.

Choose a custom IP

○ Obtain an IP address automatically
● Use the following IP address:

IP address: 10 . 168 . 1 . 100
Subnet mask: 255 . 255 . 255 . 0
Default gateway: 10 . 168 . 1 . 1

○ Obtain DNS server address automatically
● Use the following DNS server addresses:

Preferred DNS server: 8 . 8 . 8 . 8
Alternate DNS server: .   .   .

☐ Validate settings upon exit   Advanced...

Click OK   OK   Cancel

After exiting, return to the Ethernet icon interface.

▣ Network Connections

← → ↑ ▣ › Control Panel › Network and Internet › Network Connections

Organize ▼   Disable this network device   Diagnose this connection   Rename this connection   View status of this connection   Change settings of this connection

IKEv2-Surfshark Connection
Disconnected
WAN Miniport (IKEv2)

以太网 3
网络 5
Realtek PCIe GbE

宽带连接
Disconnected
port (PPPOE)

🛡 Disable
Status
Diagnose
🛡 Bridge Connections
Create Shortcut
🛡 Delete
🛡 Rename
🛡 Properties

1、Right click and select disable

2、After disabling, you need to right-click again and select enable

Note: After disabling Ethernet, you need to restart Ethernet

Enter cmd on the search terminal to open the command terminal.

命令提示符

Microsoft Windows [版本 10.0.19045.3448]
(c) Microsoft Corporation。保留所有权利。

C:\Users\yishuifengxing>ping 10.168.1.86
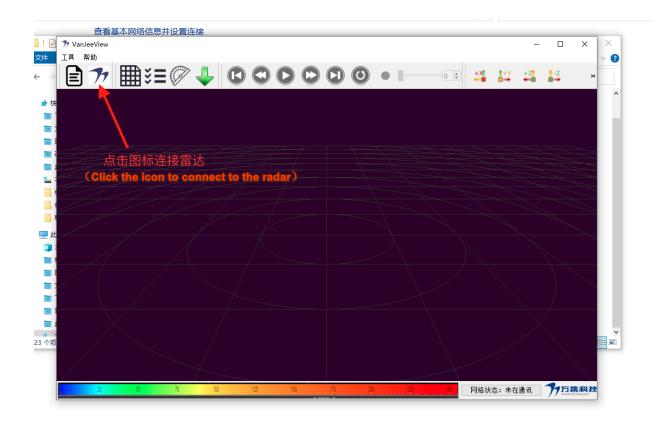
1、Enter the command at the command terminal of the computer: ping 10.168 1.86,

2、Press Enter to run

At this time, it means that the communication between the host and the radar is normal.

The request times out and 100% of the data is lost.
This means communication abnormality
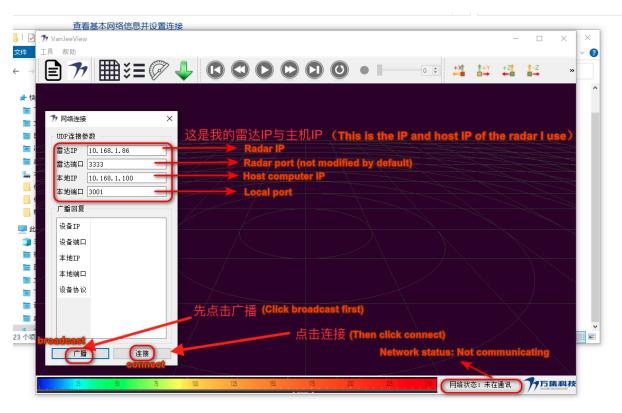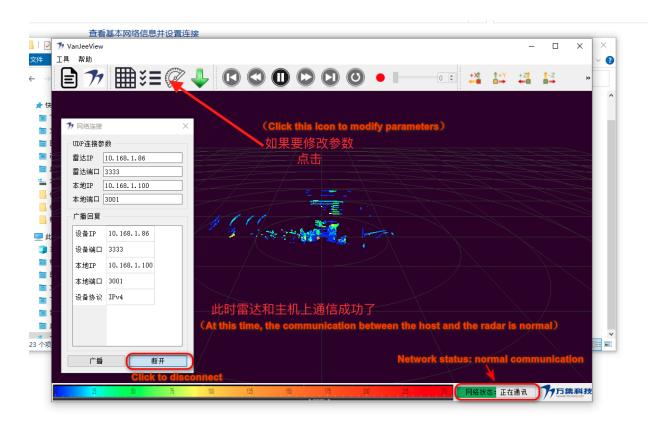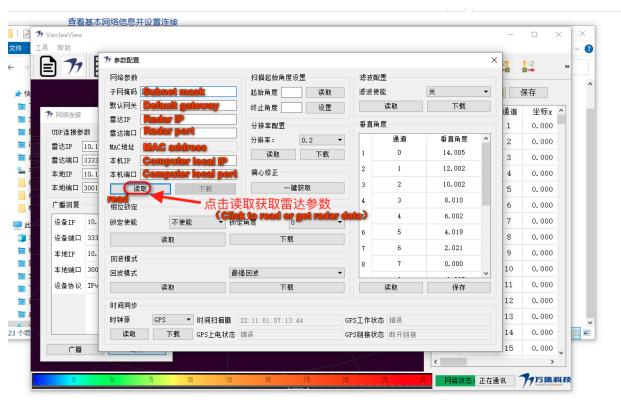
Unzip the VanjeeViewwin.zip file in the software/ directory to the location on your computer. The picture below is the location where I unzipped it.

iconengines	2023/7/17 17:09	
imageformats	2023/7/17 17:09	
platforms	2023/7/17 17:09	Unzipped file directory
printsupport	2023/7/17 17:09	
translations	2023/7/17 17:09	
D3Dcompiler_47.dll	2019/12/7 17:09	3,620 KB
libEGL.dll	2016/6/10 15:16	22 KB
libgcc_s_dw2-1.dll	2015/12/29 6:25	118 KB
libGLESV2.dll	2016/6/10 15:16	2,736 KB
libstdc++-6.dll	2015/12/29 6:25	1,505 KB
libwinpthread-1.dll	2015/12/29 6:25	78 KB
opengl32sw.dll	2014/9/23 19:36	14,864 KB
QGLViewer2.dll	2021/5/26 8:24	579 KB
Qt5Core.dll	2022/11/24 13:48	5,259 KB
Qt5Gui.dll	2016/6/10 15:23	5,160 KB
Qt5Network.dll	2016/6/10 15:17	1,573 KB
Qt5PrintSupport.dll	2016/6/10 15:31	355 KB
Qt5Svg.dll	2016/6/11 1:51	340 KB
Qt5Widgets.dll	2016/6/10 15:29	6,210 KB
Qt5Xml.dll	2016/6/10 15:17	211 KB
VanJeeView		Double click to open the software

VanJeeView

工具 帮助

点击图标连接雷达
（Click the icon to connect to the radar）

网络状态：未在通讯

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VANJEE TECHNOLOGY

VanJeeView

工具 帮助

网络连接

UDP连接参数

雷达IP 10.168.1.86 → Radar IP
雷达端口 3333 → Radar port (not modified by default)
本地IP 10.168.1.100 → Host computer IP
本地端口 3001 → Local port

这是我的雷达IP与主机IP （This is the IP and host IP of the radar I use）

广播回复

设备IP
设备端口
本地IP
本地端口
设备协议

先点击广播 (Click broadcast first)

点击连接 (Then click connect)

broadcast 广播   连接
connect

Network status: Not communicating

网络状态：未在通讯

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VANJEE TECHNOLOGY

VanJeeView

工具　帮助

网络连接

UDP连接参数

雷达IP　10.168.1.86
雷达端口　3333
本地IP　10.168.1.100
本地端口　3001

广播回复

设备IP	10.168.1.86
设备端口	3333
本地IP	10.168.1.100
本地端口	3001
设备协议	IPv4

广播　　　　断开

Click to disconnect

（Click this icon to modify parameters）
如果要修改参数
点击

此时雷达和主机上通信成功了
（At this time, the communication between the host and the radar is normal）

Network status: normal communication

网络状态：正在通讯

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工具　帮助

参数配置

网络参数

子网掩码	**Subnet mask**
默认网关	**Default gateway**
雷达IP	**Radar IP**
雷达端口	**Radar port**
MAC地址	**MAC address**
本机IP	**Computer local IP**
本机端口	**Computer local port**

读取　**read**　下载

相位锁定

锁定使能　不使能　　锁定角度
读取　　　　下载

回波模式

回波模式　最强回波
读取　　　　下载

时间同步

时钟源　GPS　　时间扫描戳　22:11:01:07:13:44　　GPS工作状态　错误
读取　下载　GPS上电状态　错误　　　　GPS链接状态　断开链接

扫描起始角度设置

起始角度　　　读取
终止角度　　　设置

分辨率配置

分辨率：　0.2
读取　　　　下载

偏心修正
一键获取

网络连接

UDP连接参数

雷达IP　10.1
雷达端口　3333
本地IP　10.1
本地端口　3001

广播回复

设备IP	10.
设备端口	333
本地IP	10.
本地端口	300
设备协议	IPv

广播

点击读取获取雷达参数
（Click to read or get radar data）

滤波配置

滤波使能　关
读取　　　　下载

垂直角度

通道	垂直角度
1	0	14.005
2	1	12.002
3	2	10.002
4	3	8.010
5	4	6.002
6	5	4.019
7	6	2.021
8	7	0.000

读取　　　　保存

保存

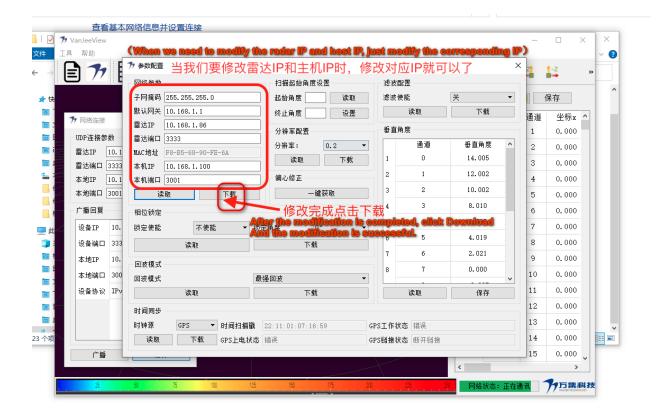| 通道	坐标x
1	0.000
2	0.000
3	0.000
4	0.000
5	0.000
6	0.000
7	0.000
8	0.000
9	0.000
10	0.000
11	0.000
12	0.000
13	0.000
14	0.000
15	0.000

网络状态：正在通讯

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Note: after the radar IP modification is completed, the radar needs to be restarted for the configuration to take effect.