

VNC remote control

8.1、Install VNC service

Note: The VNC service has been installed on the car system, please do not configure it again.

Enter the following commands to install

```
sudo apt install vino
sudo ln -s ../vino-server.service
/usr/lib/systemd/user/graphical-session.target.wants
gsettings set org.gnome.vino prompt-enabled false
gsettings set org.gnome.vino require-encryption false
```

Modify the corresponding file,

```
sudo vim /usr/share/glib-2.0/schemas/org.gnome.vino.gschema.xml
```

Copy the following content into the file, paying attention to the corresponding format.

```
<key name='enabled' type='b'>
  <summary>Enable remote access to the desktop</summary>
  <description>
    If true, allows remote access to the desktop via the RFB
    protocol. Users on remote machines may then connect to the
    desktop using a VNC viewer
  </description>
  <default>>false</default>
</key>
```

```
<default>true</default>
</key>

<key name='enabled' type='b'>
  <summary>Enable remote access to the desktop</summary>
  <description>
    If true, allows remote access to the desktop via the RFB
    protocol. Users on remote machines may then connect to the
    desktop using a VNC viewer
  </description>
  <default>>false</default>
</key>

</schema>
</schemalist>
```

Compile it,

```
sudo glib-compile-schemas /usr/share/glib-2.0/schemas
```

Enter the following command to query the UUID of the IP:

```
nmcli connection show
```

Copy and paste the UUID between the single quotes [''] in the following command and execute it,

```
dconf write /org/gnome/settings-daemon/plugins/sharing/vino-server/enabled-connections "'e27c8ddd-b660-4e0b-a70d-78a39fd5c9c3 '"  
export DISPLAY=:0
```

Set the VCN login password (the password here is 'mima'),

```
gsettings set org.gnome.vino authentication-methods "['vnc']"  
gsettings set org.gnome.vino vnc-password $(echo -n 'mima'|base64)
```

8.2、 Start VNC

8.2.1、 Manually open

Terminal input,

```
/usr/lib/vino/vino-server
```

8.2.2、 Set up auto-start

Terminal input

```
gsettings set org.gnome.vino enabled true  
mkdir -p ~/.config/autostart  
sudo vim ~/.config/autostart/vino-server.desktop
```

Copy the following content into the file,

```
[Desktop Entry]  
Type=Application  
Name=Vino VNC server  
Exec=/usr/lib/vino/vino-server  
NoDisplay=true
```

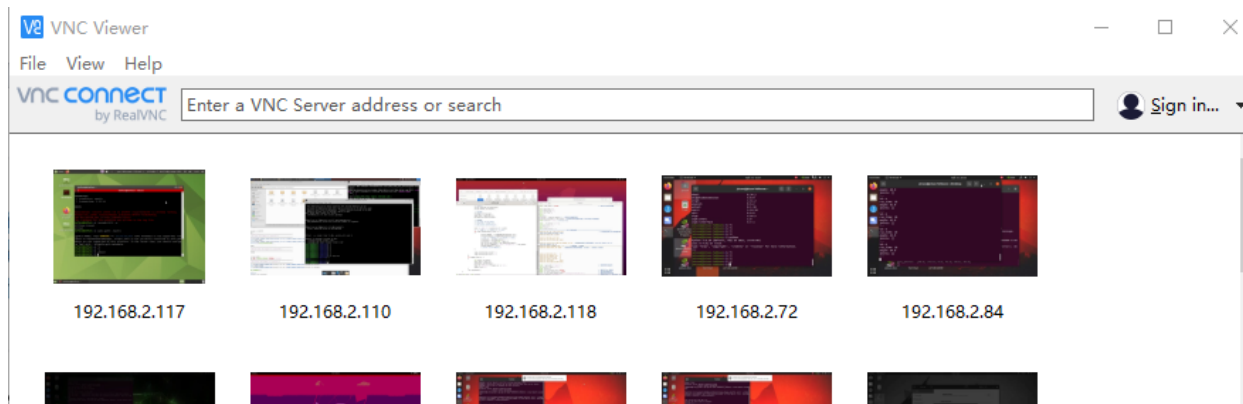
Save and exit.

8.3、 VNC remote login

VCN download address: [Download the combined RealVNC Connect installer - RealVNC®](#)

Download and install VNC Viewer software on Windows or Linux.

The PC and motherboard need to be in the same LAN, open VNC Viewer.



Enter the IP address of the motherboard and press Enter to connect. After the connection is successful, you will be prompted to enter the password. Just enter the login password of the motherboard. After successful login, you can remotely see the desktop of the motherboard and perform graphical interface operations.