

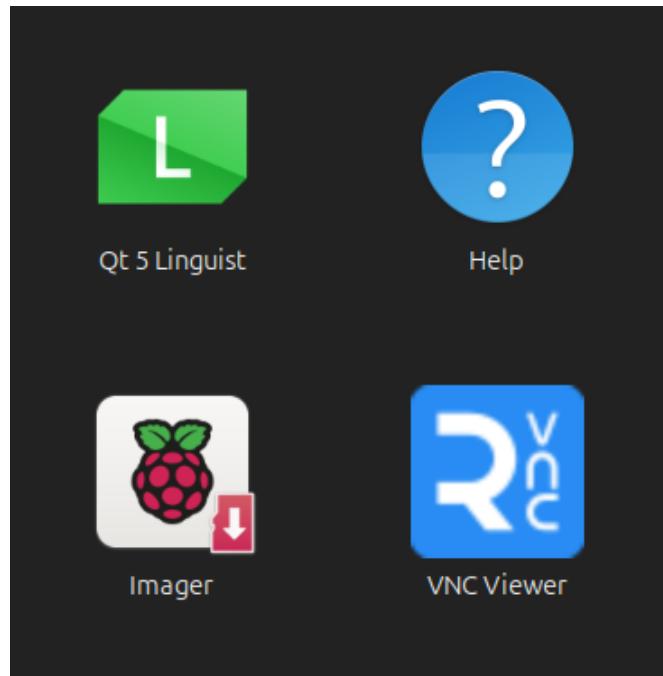
# day2\_VNC Viewer (Pinky RPI5-Ubuntu24.04)

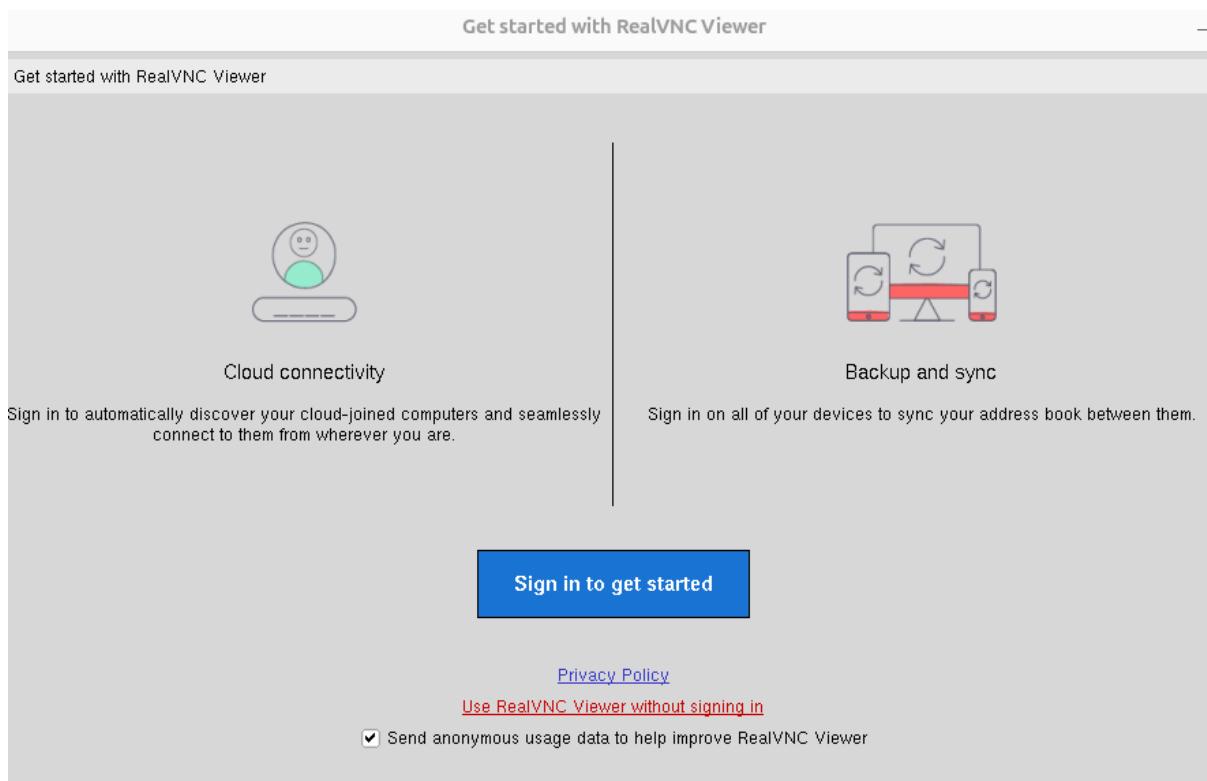
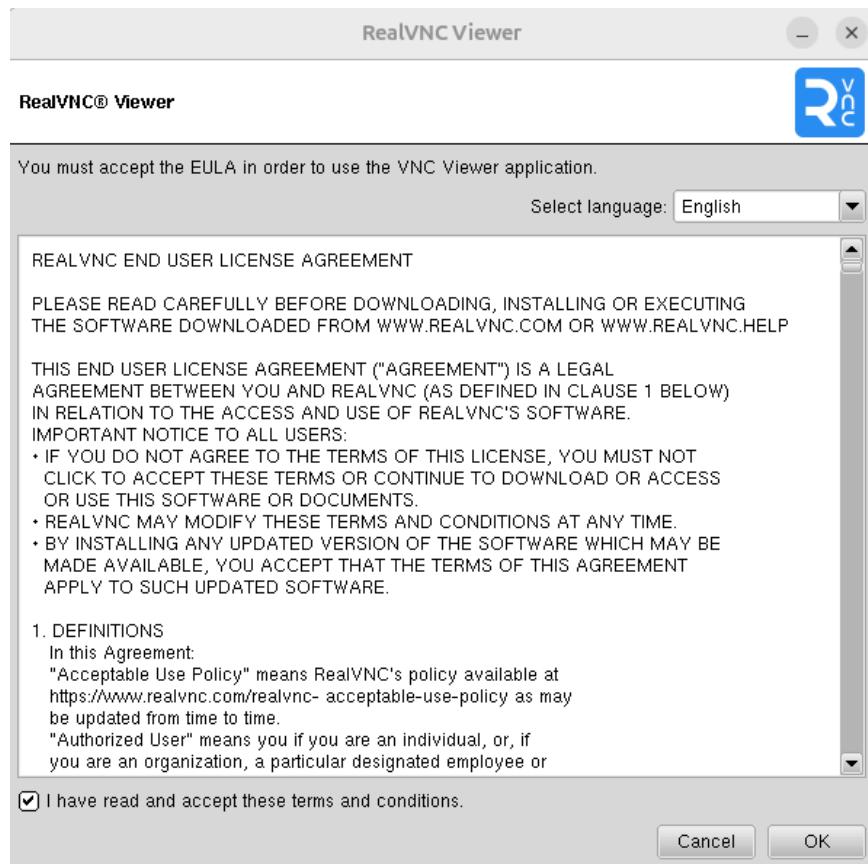
The screenshot shows the RealVNC website's download page. At the top, there's a navigation bar with links for Contact us, Support, Sign in, and English. Below the navigation is a main heading: "Download the Original VNC Viewer by RealVNC® for Unsurpassed Secure Remote Access". A subtext below it reads: "Download the original VNC Viewer by RealVNC®, the remote access client that started the VNC revolution. Now an essential component of RealVNC® Connect, RealVNC® Viewer empowers you to control your devices securely from anywhere in the world." The central part of the page features a large download button labeled "Download RealVNC Viewer" with a yellow icon. Above this button are icons for Windows, macOS, Linux, and Raspberry Pi, each with a "Desktop" tab above it. Below the download button is a dropdown menu set to "DEB x64".

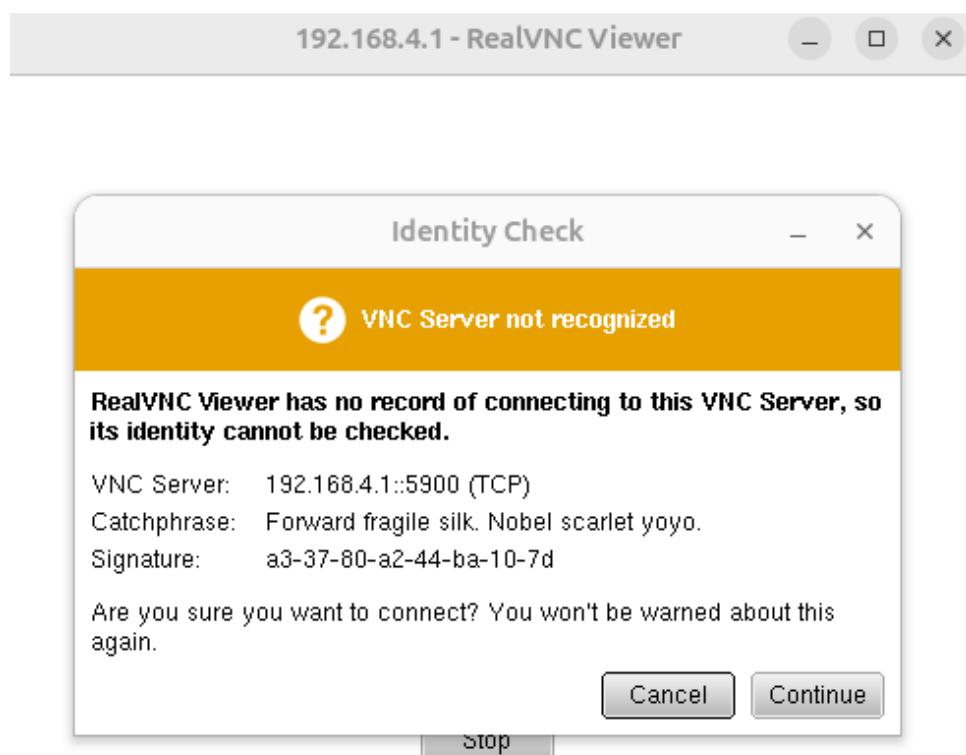
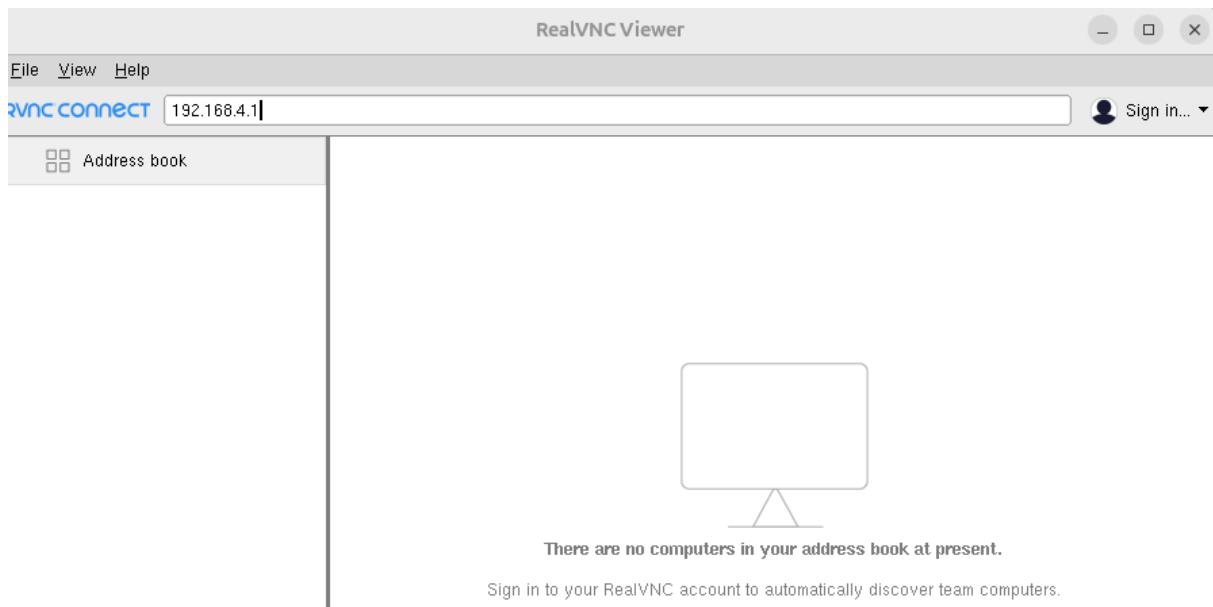
A terminal window is shown with the following command being run:

```
addineud@roastB-ubuntu24-04:~/Downloads$ sudo apt install ./VNC-Viewer-7.13.1-Linux-x64.deb
```

```
addineud@roastB-ubuntu24-04: ~/Downloads 94x24
addineud@roastB-ubuntu24-04:~/Downloads$ sudo apt install ./VNC-Viewer-7.13.1-Linux-x64.deb
[sudo] password for addineud:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'realvnc-vnc-viewer' instead of './VNC-Viewer-7.13.1-Linux-x64.deb'
The following NEW packages will be installed:
```









### Authentication

**Authenticate to VNC Server**  
192.168.4.1::5900 (TCP)

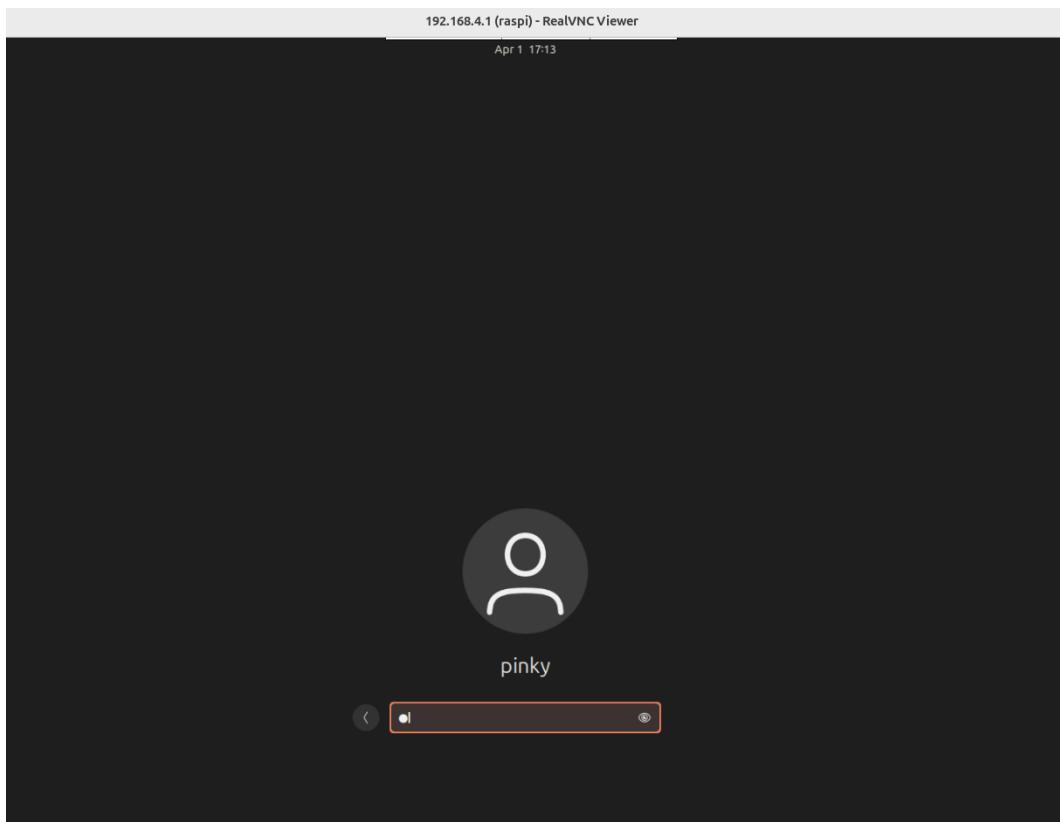
Enter VNC Server credentials  
(Hint: NOT your RealVNC account details)

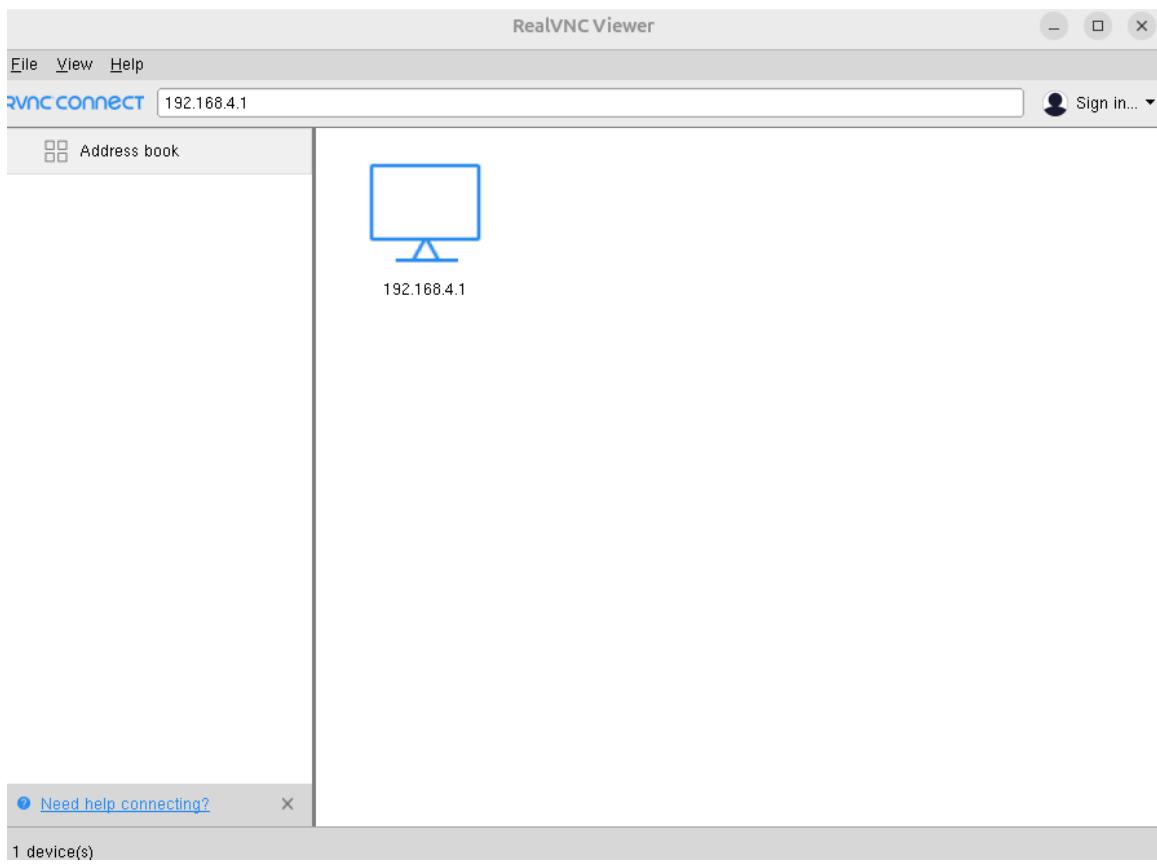
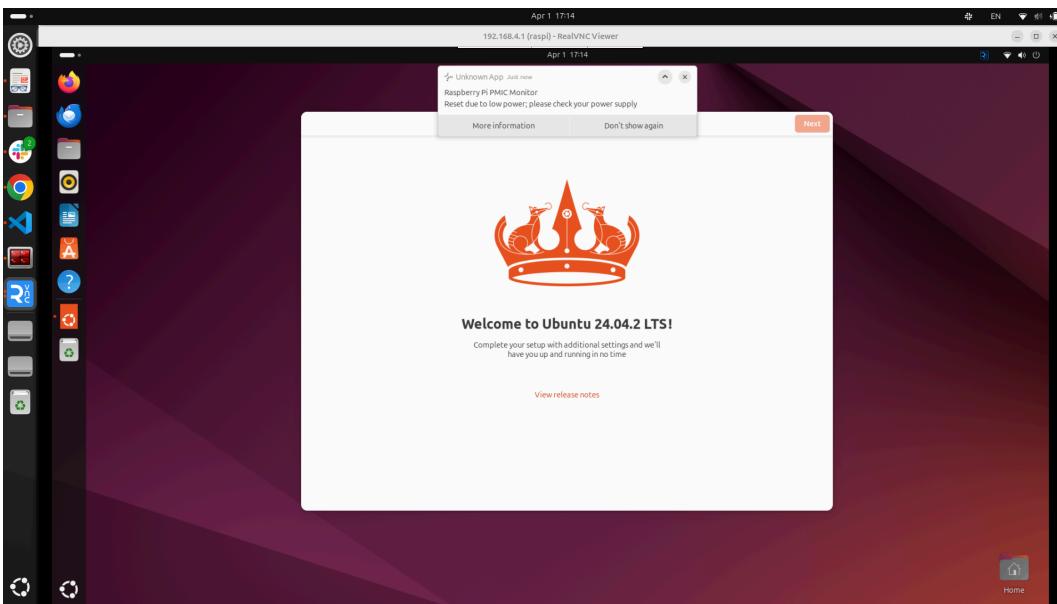
Username:

Password:

Remember password [Forgot password?](#)

Catchphrase: Forward fragile silk. Nobel scarlet yoyo.  
Signature: a3-37-80-a2-44-ba-10-7d





```
pinky@raspi:~$ ssh ~/.bashrc
ssh: Could not resolve hostname /home/pinky/.bashrc: Name or service not known
pinky@raspi:~$ nano ~/.bashrc
pinky@raspi:~$ ros2 launch pinkyBringup bringup.launch.xml
[INFO] [launch]: All log files can be found below /home/pinky/.ros/log/2025-04-01-17-20-21-465089-raspi-5363
[INFO] [launch]: Default logging verbosity is set to INFO
[INFO] [robot_state_publisher-1]: process started with pid [5367]
[INFO] [sllidar_node-2]: process started with pid [5368]
[INFO] [icm20948_node-3]: process started with pid [5369]
[INFO] [pinkyBringup-4]: process started with pid [5370]
[INFO] [pinky_battery_publiser-5]: process started with pid [5372]
[sllidar_node-2] [INFO] [1743495622.610516913] [sllidar_node]: SLLidar running on ROS2 package SLLidar.ROS2 SDK Version:1.0.1, SLLIDAR SDK Version:2.1.0
[robot_state_publisher-1] [INFO] [1743495622.700148711] [robot_state_publisher]: Robot initialized
[pinkyBringup-4] [INFO] [1743495623.086433455] [pinkyBringup]: pinky is ready!!
pinky@raspi:~$ ros2 topic list
/cmd_vel
 imu
 /imu/mag_raw
 /joint_states
 /parameter_events
 /pinky_battery_present
 /robot_description
 /rosout
 /scan
 /tf
 /tf_static
pinky@raspi:~$
```

```
[INFO] [launch]: Default logging verbosity is set to INFO
[INFO] [robot_state_publisher-1]: process started with pid [5367]
[INFO] [sllidar_node-2]: process started with pid [5368]
[INFO] [icm20948_node-3]: process started with pid [5369]
[INFO] [pinkyBringup-4]: process started with pid [5370]
[INFO] [pinky_battery_publiser-5]: process started with pid [5372]
[sllidar_node-2] [INFO] [1743495622.610516913] [sllidar_node]: SLLidar running on ROS2
Version:1.0.1, SLLIDAR SDK Version:2.1.0
[robot_state_publisher-1] [INFO] [1743495622.700148711] [robot_state_publisher]: Robot
[pinkyBringup-4] [INFO] [1743495623.086433455] [pinkyBringup]: pinky is ready!!
pinky@raspi:~$ ros2 run teleop_twist_keyboard teleop_twist_keyboard

This node takes keypresses from the keyboard and publishes them
as Twist/TwistStamped messages. It works best with a US keyboard layout.

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Moving around:
 u i o
 j k l
 m , .

For Holonomic mode (strafing), hold down the shift key:
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 u I O
```

