

Instructions

Connecting to the Raspberry Pi via VNC

To control the Raspberry Pi remotely with a graphical interface, **VNC (Virtual Network Computing)** can be used. This allows users to interact with the Raspberry Pi as if they were using a monitor and keyboard, even if they only have it connected to power and Wi-Fi.

Hardware Details

- **Raspberry Pi Model:** Raspberry Pi 4B
- **MicroSD Card Size:** 128GB
- **Operating System:** Raspberry Pi OS (64-bit)

Default Login Credentials

Unless changed during setup, the default credentials are:

- **Username:** raspberrypi or **IP Address:** 192.168.0.187/24
- **Password:** raspberrypi

Network Requirements

- Both the **Raspberry Pi** and the **PC/laptop** must be connected to the **same Wi-Fi network:**
Network Name (SSID): Robotics315
Network Password: helloworld