

1. SSH Remote Login

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1.1 Get the IP address of the Raspberry Pi

1.2 Putty Remote Login

SSH remote login needs to ensure that the computer host and the Raspberry Pi are in the same LAN before they can be used normally.

If the Raspberry Pi is in hotspot mode, please connect the computer to the hotspot signal of DOGZILLA.

If the Raspberry Pi is connected to a network cable or WiFi signal, please make sure that the network signal connected to the computer and the Raspberry Pi are in the same local area network.

1.1 Get the IP address of the Raspberry Pi

The OLED that comes with the factory image will display the IP address and other information when it is turned on, and you can know the IP address by checking the last line of IPA. As shown in the figure below, the IP address is 192.168.2.112



Or connect the Raspberry Pi to the monitor, open the command line terminal under the Raspberry Pi system, and enter ifconfig to view the ip address, where eth0 corresponds to the network card, and wlan0 corresponds to the wireless WiFi.

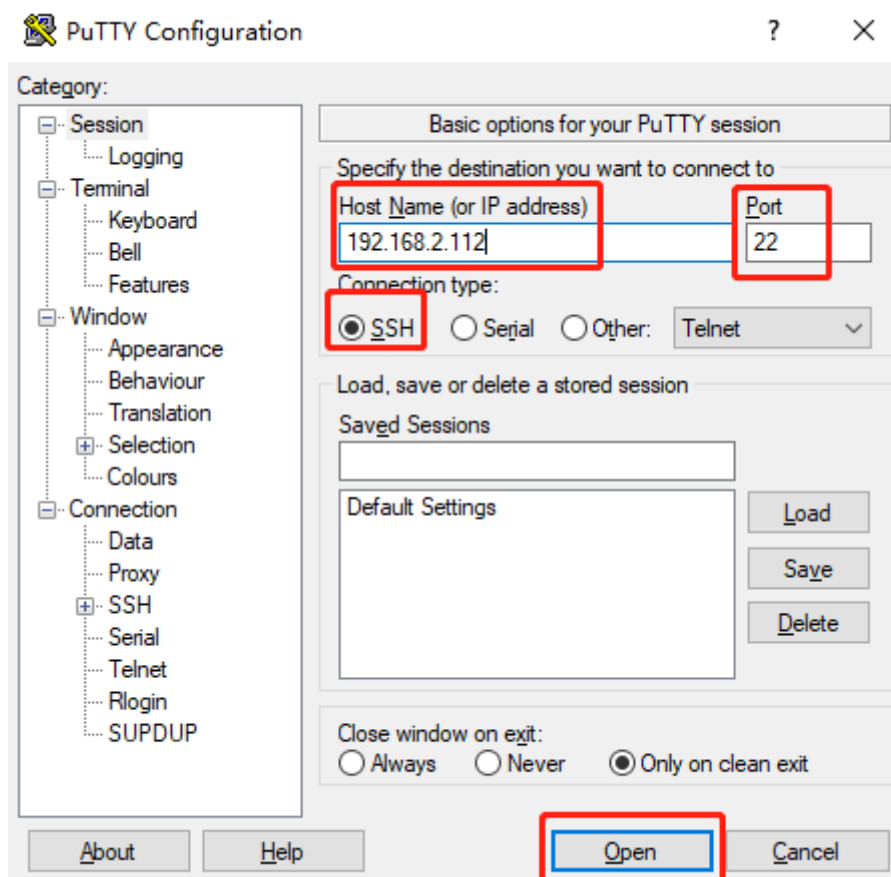
```
pi@yahboom:~$ ifconfig
eth0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether dc:a6:32:3d:3c:df txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

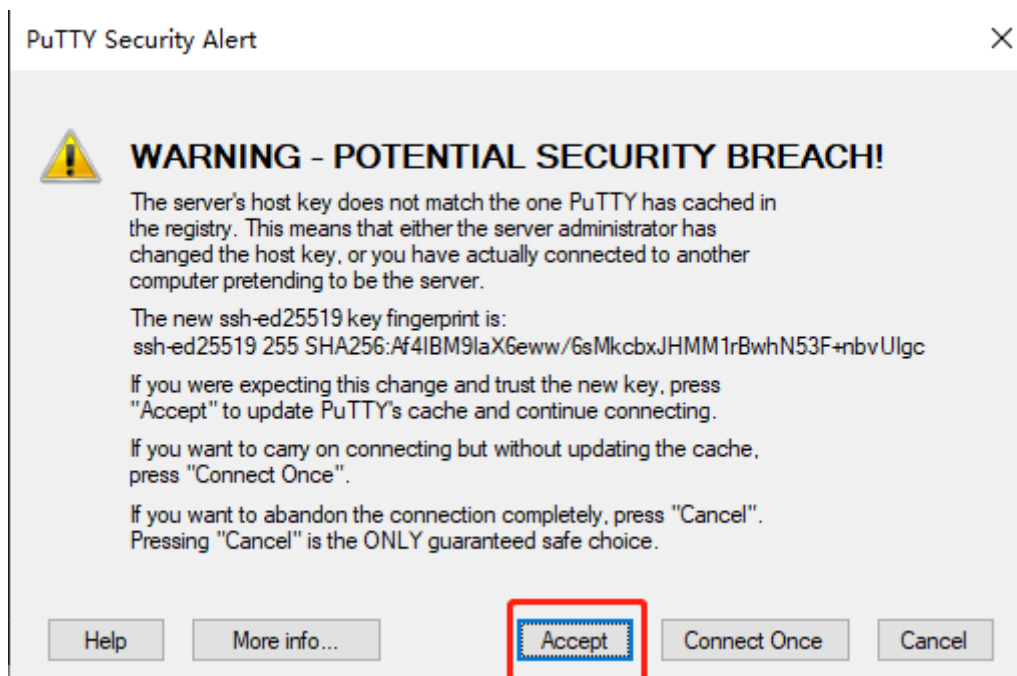
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 793 bytes 61585 (61.5 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 793 bytes 61585 (61.5 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.2.112 netmask 255.255.255.0 broadcast 192.168.2.255
    inet6 fe80::9e2:fc5f:119d:fc6c prefixlen 64 scopeid 0x20<link>
    ether dc:a6:32:3d:3c:e1 txqueuelen 1000 (Ethernet)
    RX packets 9777 bytes 8002282 (8.0 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 17975 bytes 5465044 (5.4 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

1.2 Putty Remote Login

Open the putty software and use the SSH service to remotely log in to the Raspberry Pi operating system.





Enter the username (pi) and password (yahboom). If you are using a system other than the factory one, please enter the user name and password of the Raspberry Pi system according to the actual situation.

```
192.168.2.112 - PuTTY
login as: pi
pi@192.168.2.112's password:
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.4.0-1066-raspi aarch64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:       https://ubuntu.com/advantage

System information as of Wed 10 Aug 2022 10:13:34 AM CST
```