User Guide (V1.0)

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1. If you don’t have VNC viewer, please download any VNC viewer on your computer

(For example: RealVNC, <https://www.realvnc.com/en/connect/download/viewer/> )

1. Connect your computer to wifi “RASLab”:

Passcode: r@$Lab21

1. Open your VNC viewer, access Micronole computer and Racing cockpit computer

**MicroNole**:

IP: 192.168.50.22

Passcode: nvidia

**Racing cockpit**:

IP: 192.168.50.201

Passcode: nvidia

Bug tips:

If you cannot access those computer through VNC, it is probably the IP problem. Connect those two computers to a monitor and keyboard and mouse, open terminal, type “ifconfig”, it will show the IP address:

Text

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1. Open terminal in MicroNole computer, and type:

sudo -s

nvidia

roslaunch qcar racing.launch

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Text

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1. Open terminal in Racing cockpit computer, and type:

sudo -s

nvidia

roslaunch racing\_simulator simulator.launch

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Once see the camera view, close it by clicking “x” to close the image window, then it will show a bigger window:

A screenshot of a video game

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Bug tips:

If show “ unable to open camera” like below:

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Use “ctrl+c” to stop the process, and launch it again

1. Now you are ready to go, have fun!