

Set robot car type and lidar model

Note: Since ROSMASTER series robots have multiple versions (X3/X3 PLUS/X1/R2/R2L), the system files we provide contain all codes for different versions.

However, since the system cannot automatically identify the product, users need to manually set the robot car type and lidar model.



X3 PLUS



X3



R2



R2L



X1

Case1: If you want to use APP control robot

Please refer to the APP remote control course, and directly select the corresponding product model in the APP to operate the control car.

Case2: If you want to enter system to edit code

Please check following steps.

About depth camera:

If you are using an Astra pro plus camera, you do not need to modify the corresponding. bashrc file.

If you are using Astra pro camera, you need to modify ~/Rosmaster/RobotType/bashr_ Files.

X1 has two. bashrc files

If you purchased A1 lidar, modify X1_ A1.bashrc file,

If you purchased X3 lidar, modify X1_ X3.bashrc file.

Modified as follows:

```
export CAMERA_TYPE=astraplus #astrapro, astraplus
```

Change astroplus to astropro, then save and exit.

About robot car type and lidar:

1. Open the terminal of the robot system.
2. If you are using ROSMASTER X1. You need to input following command to set robot model and lidar model.

```
#If your X1 robot kit include A1 lidar  
sh ~/Rosmaster/RobotType/set_X1_A1.sh  
  
#If your X1 robot kit include x3 lidar  
sh ~/Rosmaster/RobotType/set_X1_x3.sh
```

3. Close the terminal, open it again, and see if the corresponding product model number is printed.