

Instructions

Task 1 Basic Control

Commands:

- ONA: FORWARD
- ONB: BACKWARD
- ONC: TURN LEFT
- OND: TURN RIGHT
- ONE: LEFT
- ONF: RIGHT
- STP: STOP
- PAT: It is a hint: Enter PATH DESIGN mode
- BLO: It is a hint: Enter BLOCK DETECTION mode

Task 2 Ultrasonic Detection

Notice:

- **No commands from STM32 Mini to the car**
- **Distance information and block information needs to be transmitted from the car to STM32 Mini**

Task 3 Routing

Commands: P Path[16]

- Header: P
- Payload: path[16]
- Example: P 11 12 13 14 15 16 17 17 17 17 17 17 17 17 17

Task 4 Environmental Detection

Commands: T4 StartPoint EndPoint

- Header: T4
- Payload: start end
- Example: T4 5 12