Description

- Add a line follower to DFRobotShop Rover V1, V1.5 and V2
- All required mounting hardware included
- Straightforward mounting and easy to use
- Can be broken apart into three separate sensors

The DFRobotShop Rover Line Follower Kit contains everything you need to transform your DFRobotShop Rover into a cool line follower robot. Although directly compatible with the DFRobotShop Rover, it can still be used as a general-purpose line follower kit . The kit incorporates a DFRobotShop Rover Line Follower Sensor with the appropriate cables and mounting hardware to get started.

Specifications

- Interface type : 0-5V Analog x3
- Operating voltage : 5V (Nominal)
- Supply current : 75 mA for the entire module
- Sensing range : 3mm (0.125") to ~6mm (0.25")
- Pin definition : Out 1 (Right sensor), Out 2 (Left Sensor), Out 3 (Middle Sensor)
- Optimal sensing distance: 3mm (0.125")
- Optimal line thickness: black electric tape is ideal (≈17mm)

What's Included

- 1 x DFRobotShop Rover Line Follower Sensor
- 1 x Power Cable - 8" PC-01
- 1 x DC-02 Data Cable (3 Circuit) - 8"
- 5 x Break Away Headers Straight
- 2 x Standoffs 4-40 x 1 1/2in FF AHS
- 4 x Screws 4-40 x 1/4in SHCS black

Useful Links

PDF file
- Manual

Zip file
- Arduino sample code

Multimedia

https://www.youtube.com/watch?v=jdu3w1Y1o2g