



## 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>