

Line Tracking Sensor

ARD2-2233

- **Sense and track lines using infrared light**
- **Perfect for wheeled robots**

Description

This infrared sensor is designed primarily to allow wheeled robots to follow lines. The sensor is comprised of an infrared transmitter/receiver pair emitting a certain IR frequency to detect reflectivity with high precision. The reflectivity threshold can be changed by adjusting the potentiometer, allowing you to set the sensitivity of the module.

Specifications

Supply Voltage	2.5–12.0VDC
Output	Active Low
Connector	3 pin header
Working Current	18–20mA @ 5.0VDC
Additional Features	Adjustable sensitivity; on-board LED
Colour	Black
Material	PCB

Pinout

Module	Arduino	Function
G	GND	Ground Connection
V+	5V	Power
S	D3	Digital output

