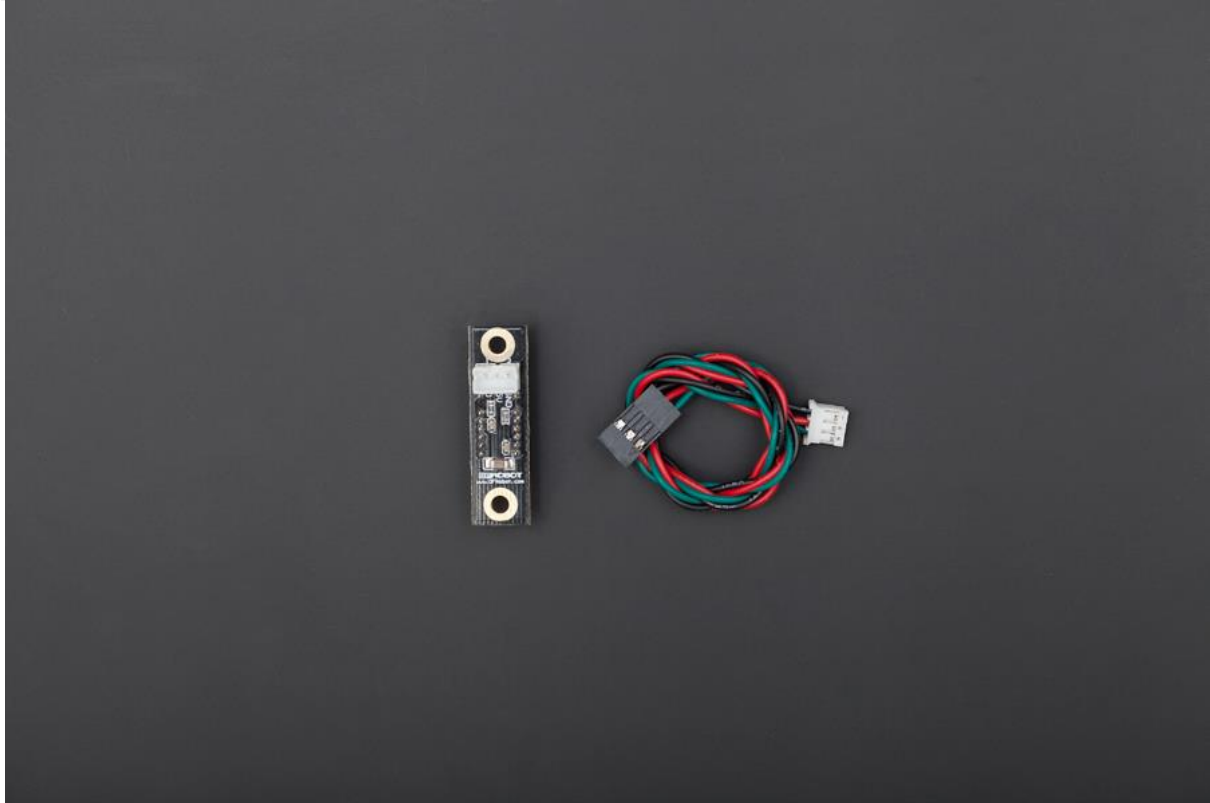# Gravity: Digital Infrared Distance Sensor (10cm)

SKU:SEN0042

INTRODUCTION

This is an edge detection sensor from DFRobot. It will help your robot detect the edge of a precipice, preventing it from falling off a table or down the stairs to it's certain demise! This IR distance sensor is connected to an arduino digital pin.

APPLICATIONS

- Edge detection sensor
- Intelligent Mobile Robotics Platforms
- Home Cleaning Robots

SPECIFICATION

- Supply Voltage: 2.7~6.2v
- Current: < 10mA

- Detecting Distance: 2~10cm (Low), <2cm or >10cm (High)

- Interface:Digital Output

- Signal Voltage: Vcc-0.6v(High) 0.6v(Low)

- Size: 36.0×10.0×15.0 mm / 1.42×0.39×0.59 in

- Weight: < 5g