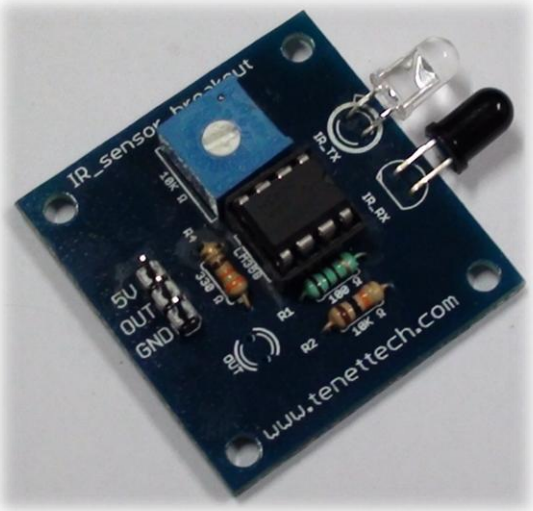
2016

TENET TECHNETRONICS

"Simplifying Technology for Life"

Tenet's IR Sensor breakout



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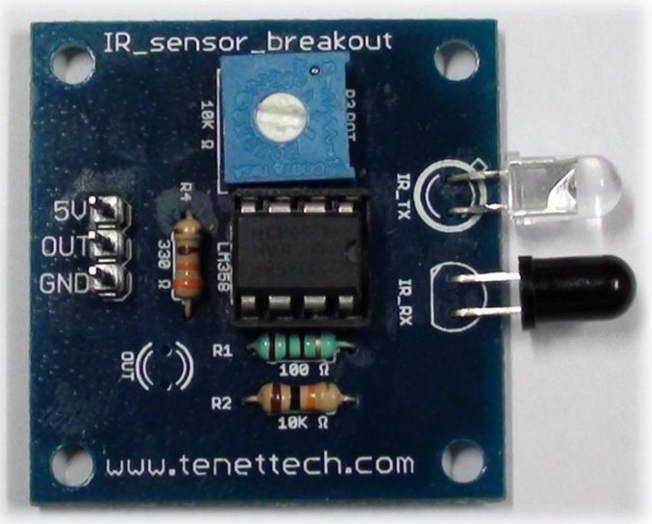
Introduction

Tenet's IR Sensor breakout is an obstacle sensor, electronic device that emits in order to sense some aspects of the surroundings.When an object is close to the sensor, the light from the IR LED bounces off the object and into the light sensor. This results in a large jump in the intensity, which can be detected using a threshold. IR sensor output can be a digital input to any microcontrollers and thus can be used as an obstacle detector.



Pin details

Header Pins	Function
5V	Supply Voltage (5V)
OUT	Output
GND	Ground

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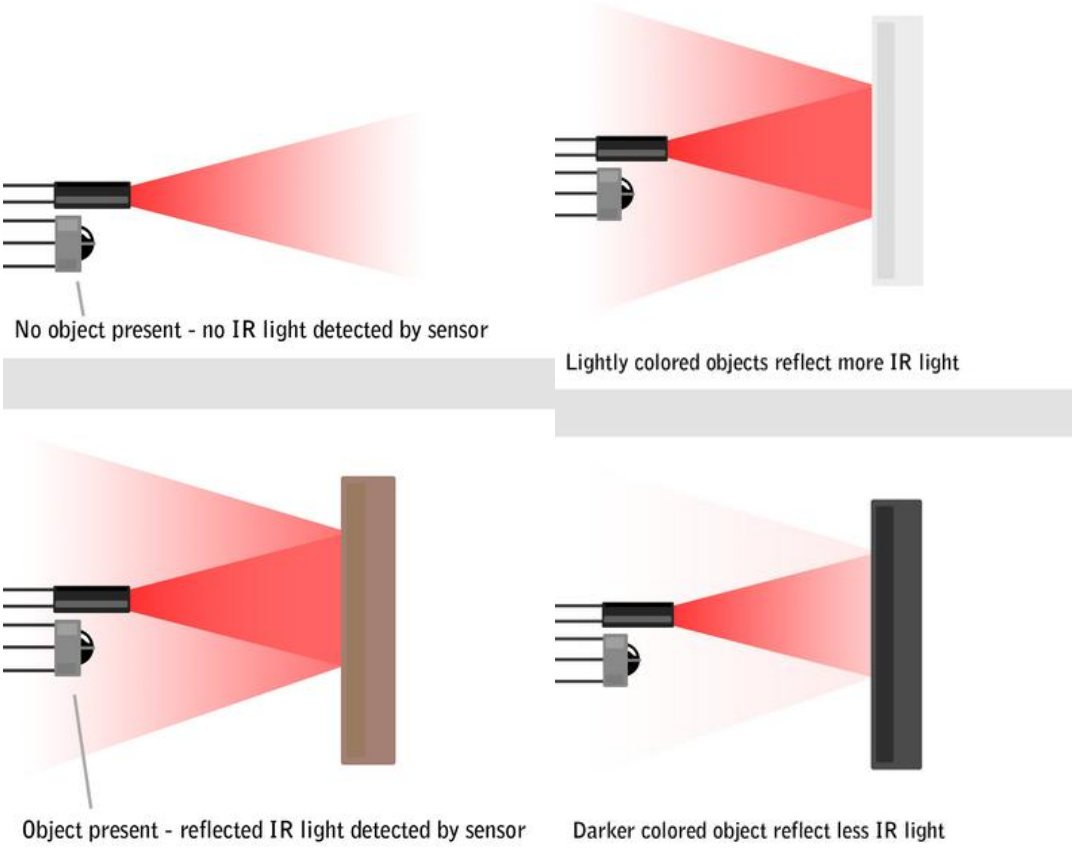
Principle of operation



Applications

- Obstacle detection for wheeled robot
- Attendance management system
- Room visitor counter systems

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