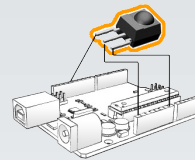




# Infrared Obstacle Avoidance Module



- Type: Module
- Application: Add On Module  
Give your robotics project the ability to avoid collisions
- Dimensions: 42(L) x 27(W) x 18(H)mm

## Infrared Obstacle Avoidance Module Overview:

This module is an inexpensive solution for an obstacle avoidance sensor, perfect for robotic projects and very easy to interface directly with Arduino® and compatible boards. It also works with our pcDuino module by using the 3.3V output. The module has two potentiometers one to control frequency and the other to control the intensity. Use these to optimise the sensitivity of the module.

### Specifications

Specifications	
	Infrared Obstacle Avoidance Module
Detection Threshold	Adjustable
Protocol	Digital(on/off)
Operating Voltage	3.3V - 5V
Connectio	4 pin header
Dimensions	42(L) x 27(W) x 18(H)

### Pinout

Module	Duinotech	Function
GND	GND	Ground Connection
+	5V	Power
OUT	D13	Active low output
EN	N/C	Enable

What is included: 1 x Obstacle Avoidance Module

Essential Accessories: Jumper Leads (WC6028)

Optional Accessories:

## Infrared Obstacle Avoidance Module Sample Projects:



### Did you know:

And active low output is one which gives a low output when activated. You can light and LED from an active low output by by placing the LED and its resistor between +5V and the output pin.