

**Non-Contact Infrared
Temperature Sensor GY-906**

ARD2-2190

- Detect temperatures between -70°C to 380°C without contact using infrared light
- Perfect for use with Arduino, Raspberry Pi and other microcontrollers
- Internal 17-bit ADC
- PWM and TWI outputs
- Resolution down to 0.02°C (TWI output)

Description

A non-contact IR (infra-red) temperature sensor, capable of sensing between -70°C to 380°C down to a resolution of 0.02°C . This module is based on the MELEXIS MLX90614ESF-BAA-000-TU-ND temperature sensor.

Possible applications include: temperature sensing for residential, commercial and industrial air conditioning; windshield defogging; home appliances with temperature control; livestock monitoring; and automotive blind angle detection.

Includes unsoldered 4-pin header.

Specifications

Power Supply	5V
Model	GY-906
Sensor	MLX90614
Operating Temperature	-40°C to 125°C
Temperature Sensing Range	-70°C to 380°C
Measurement Resolution (PWM Output)	0.14°C
Measurement Resolution (TWI Output)	0.02°C
Colour	Blue
Material	Immersion Gold PCB
Weight	3g

