

**ARD 2** **Arduino Compatibles**  
*Controllers, Shields, Modules & Sensors*

**UV Detection Sensor**

ARD2-2062

- **Detect the intensity of UV radiation**
- **Suitable for UV Index Monitoring, DIY projects, UV-A Lamp Monitoring, Gardening, Environmental monitoring**



**Description**

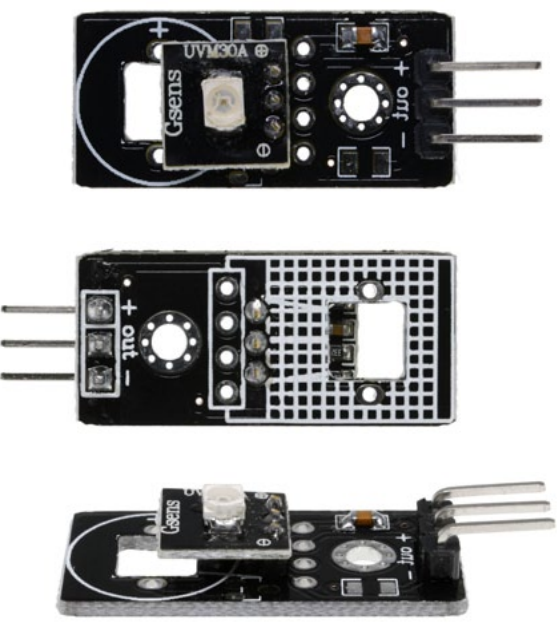
This UV Sensor is used for detecting the intensity of incident ultraviolet (UV) radiation. This form of electromagnetic radiation has shorter wavelengths than visible radiation. This module is based on the sensor UVM-30A, which has a wide spectral range of 200nm–370nm. The module outputs electrical signal which varies with the UV intensity.

**Specifications**

<b>Operating Voltage</b>	3.0–5.0VDC
<b>Current</b>	0.06mA (Standard)/0.1mA (Max)
<b>Response Wavelength</b>	200~370nm
<b>Operating Temperature</b>	-20~+85°C
<b>Accuracy</b>	±1UV Index
<b>Colour (Board)</b>	Black
<b>Material</b>	PCB

**Pinout**

Module	Arduino	Function
+	5V	Power
-	GND	Ground Connection
Out	A0	Analog Output



**Test Code**

```
void setup()
{
  Serial.begin(9600); // open serial port, set the baud rate to
  9600 bps
}
void loop()
{
  int sensorValue;
  sensorValue = analogRead(0); // connect UV sensors to Analog 0
  Serial.println(sensorValue); // print the value to serial
  delay(200);
}
```

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