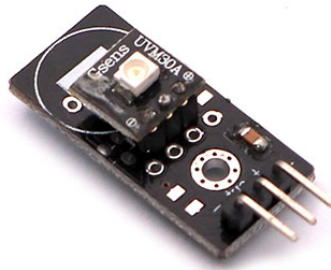# Arduino Sensor Ultra Violet
Model:UVM-30A

Description:

The 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:

• Operating Voltage: DC 3-5V
• Output voltage: DC 0-1V
• Test accuracy: 1UV INDEX
• Current: 0.06mA(typ), 0.1mA(max).
• Response wavelength: 200nm-370nm
• Work temperature: -20℃~85℃
• Detect UV wavelength:200-370nm
• PCB size:28*12*10mm

Features:

- Designed for occasions that require high reliability and accuracy of measurement of the UV Index (UVI).
- Suitable for the measurement of total sunlight UV intensity.
- Control the UV Index, the World Health Organization grading standards.
- Detection UV wavelength :200-370nm.
- Fast response, full interchangeability.
- Using a patented solid polymer structure, waterproof dustproof easy to clean.
- Linear voltage signal output.
- Small size, suitable for mobile phones and other portable products.

UV Index	0	1	2	3	4	5
Vout(mV)	<50	227	318	408	503	606
UV Index	6	7	8	9	10	11+
Vout(mV)	696	795	881	976	1079	1170+

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