

# UV-Sensor User Manual

## 1. Product features

<b>Amplifier chip</b>	SGM8521
<b>voltage</b>	3.3V-5.0V
<b>Output type</b>	Analog output
<b>Response wavelength</b>	200-370nm
<b>Fixed hole size</b>	2.0mm
<b>Effective distance</b>	0.8m(Typical) 1.5m(Max)

### Principle:

The ultraviolet sensor used in this module is GUVA, which is a better device to test the total amount of ultraviolet. It does not need to use a wavelength filter, and is only sensitive to ultraviolet. These sensors have good response cutoff performance at about 365 nm (UV-A) and 320 nm (UV-B), so no filter is needed.

## 2. Main application

UV tester, outdoor UV monitoring equipment and germicidal lamp equipment, etc.

## 3. Interface definition

PIN	Name	Description
1	AOUT	Analog output
2	VCC	3.3-5.0V
3	GND	GROUND

