

# UV/IR Sensor Card

## SRM-66 Series

BroLight UV/IR Sensor Card is a handheld diagnostic tool designed to visually detect ultraviolet(UV)/infrared (IR) light emissions, typically used for quick verification of UV/ IR light sources (e.g., UV lamps lasers, LEDs, thermal radiators) in 200~400nm or >700nm range.

The SRM-6601/6602/6603 series features a stainless steel substrate and a bookmark-sized compact design, making them both highly portable and exceptionally durable for long-term use.



## Features

- Passive Operation: No batteries or power required
- Low activation threshold: Capable of detecting even weak laser beams
- Wavelength : UV, NIR, and MIR (specific models vary).
- Durable Construction: Stainless steel base ensures long-term usability.
- Instant Response: Immediate visible glow upon light exposure.

## Applications

- Laser Alignment: Quickly locate invisible IR/UV beams in optical setups.
- Beam Profiling: Identify focal points of laser systems.
- Education & Labs: Safe visualization of non-visible laser radiation.

Specifications

| Model                | SRM-6601                                                                          | SRM-6602                                                                           | SRM-6603                                                                            |
|----------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Picture      |  |  |  |
| Substrate Material   | Stainless steel                                                                   |                                                                                    |                                                                                     |
| Wavelength Range     | 200nm-400nm                                                                       | 800nm-1400nm                                                                       | 10.6μm                                                                              |
| Coloration Threshold | < 1uJ/cm²@355nm                                                                   | < 1uJ/cm²@1064nm                                                                   | < 1.7W/cm²@10.6um                                                                   |
| Damage Threshold     | > 0.16mJ/cm²@355nm                                                                | > 0.14mJ/cm²@1064nm                                                                | > 17W/cm²@10.6um                                                                    |
| Sensor Size          | 30 x 30 mm                                                                        |                                                                                    |                                                                                     |
| Card Size            | 35 x 90 mm                                                                        |                                                                                    |                                                                                     |

Dimensions (mm)

