

## Large Particle Sensor

For pollen counting system at multiple locations

Model PS-2

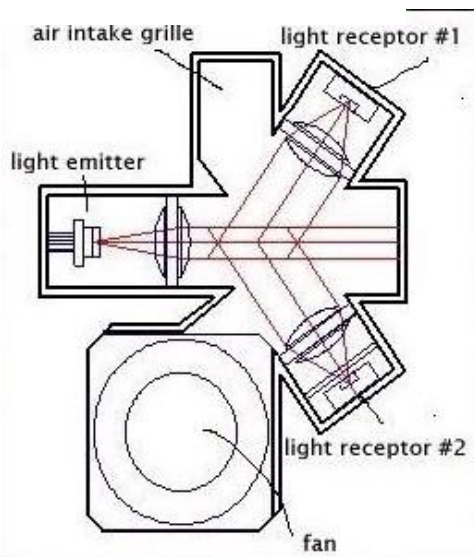
The sensor for industrial applications to detect particles sized over 10micron. This sensor is used in production lines that dislike large particles, such as an automobile painting process, food processing line and so on. Also by calculating the Degree of Polarization from the output of two light receivers, the sensor can detect the shape and surface of the particles.



- 1: Input-Output Terminal (CN)
- 2: Suction Fan  
Vacuum up and evacuate the air.



### How It Works



### KEY FEATURES;

Compact Module with built-in suction fan.

Detection range from 15 to 40 micron covering pollen particles size distribution range.

New Logic using **"Degree of Polarization"** of scattered lights of particle can discriminate pollen particles from other airborne particles like soil dusts.

Low cost module enabling multiple location.

Power source: 12VDC

Sampling: approx. 1 l/min

Size: 70 x 70 x 20mm (approx.)