



PSMU

Product code: PSMU

Manufacturer: Samyoung S & C

The PSMU is an infrared PM2.5/1.0 module based on proprietary IrED technology that can detect even 0.3 μm ultra-fine particles.

The module, powered at 5Vdc, provides detection results via UART.

All PSMU modules are factory calibrated and guarantee high accuracy:

$\pm 25\%$ @ 0 ~ 100 $\mu\text{g}/\text{m}^3$

$\pm 25\%$ @ 100 ~ 500 $\mu\text{g}/\text{m}^3$

Power Supply	5.0 Vdc
Measurement range	0-500 $\mu\text{g}/\text{m}^3$
Target Gas	PM2.5 / PM1.0
Output	UART