



## 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  $\mu\text{m}$  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  $\mu\text{g}/\text{m}^3$

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