Wattwise Solutions LLC

Infrared gas sensor module

WW-CMP-113



An infrared gas measurement module built around a pyroelectric detector and a sample measurement cell. Controlled internal heating and signal processing convert absorption measurements into gas concentration values. The module supports digital communication for integration into environmental analyzers configured for the required gas components.

Applications

• Environmental gas analyzers

• Multi-gas instrument integration

Technical data

Measurement method	NDIR
Measured parameters	CO, CO2, CH4, N2O
Interface	RS232 / RS485 / Modbus RTU
Response time	T90 <30 s
Power supply	24 VDC ±10%
Operating temperature	0–40 °C

Specifications vary with model and configuration. Contact Wattwise to confirm suitability, measurement ranges and available options for your project.
Manufacturer: Sheens