

# Noventis Technologies

Gas Detection Transmitter for Carparks

## MICROSENSE Carpark



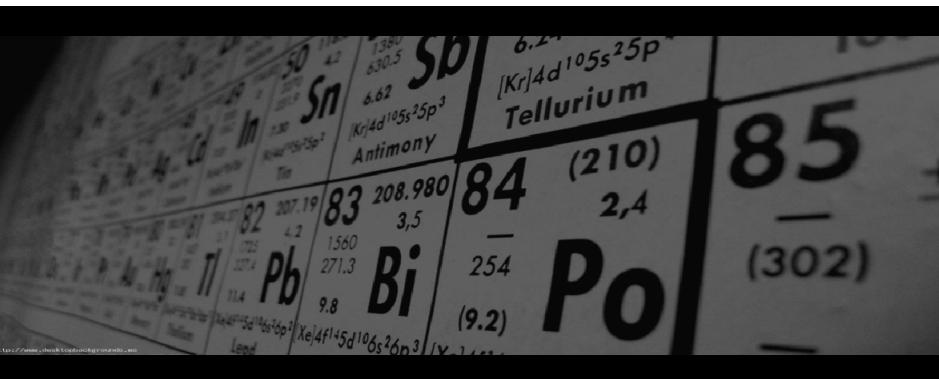
### Noventis Microsense Gas Transmitter

The Microsense Carpark is a single gas safe area detector that meets the requirements for economic and reliable monitoring of gas levels within carparks and loading docks. The unit comes in an aluminium die cast enclosure and accepts 24 volts AC or DC supplies.

The unit offers analogue as well as a digital (modbus) output for easy integration into any controlling or SCADA system. All sensors are temperature compensated, which results in enhanced stability compared to similar products available on the market. Sensors are designed for a long life span and minimal maintenance requirements.

Providing discrete monitoring and enhanced aesthetics, the Microsense Carpark gas detector is the ideal solution for reliable, low-cost fixed-point monitoring.

- aluminium enclosure
- long life sensors
- rugged and reliable
- power 24V AC or DC
- 4-20 mA or 0-10 v output
- standard modbus output
- annual test & calibration
- sensors are temperature compensated
- low cost of ownership






# Specifications

Connectivity		Enclosure	
Gases	Carbon Monoxide	Dimensions	120 (h) x 110 (w) x 52 (d) mm
Power requirement	24 volts AC or DC (1.5 Watt)	Material	Aluminium
Outputs	4-20mA / 0-10v / RS485 (modbus)	Weight	220 grams
EMC compliance	AS/NZS 61000-3-2	Protection	IP 65

General		Performance	
Sensing Method	Electrochemical	CO Measurement Range	0 to 100 ppm
Sampling Method	Diffusion	Repeatability	2% Of measured value
Sensor Rated Life	8 Years	Linearity	2% Of measured value
Operating Temperature	0 to 60°C	Recommended Calibration	12 month
Humidity	0 to 95%	Warm Up time	Less than 6 minutes
Storage Conditions	-40 to 70°C	Protection	15kV Antistatic protection
Housing Protection rating	IP62		
Housing Material	Aluminium		

## ACCESSORIES

	<p><b>Flow / Calibration Adaptor</b></p> <ul style="list-style-type: none"> <li>To fit any model / gas</li> <li>Allows gas to be pumped through detector</li> <li>1/4" Connectors</li> </ul>
	<p><b>Control / Alarm Panel</b></p> <ul style="list-style-type: none"> <li>Alarm processing for eight detectors</li> <li>Large display</li> <li>Flexible Programming</li> </ul>
	<p><b>Calibration Gas</b></p> <ul style="list-style-type: none"> <li>For calibration and regular maintenance</li> <li>Over 300 combinations available</li> <li>NATA Certified</li> </ul>

