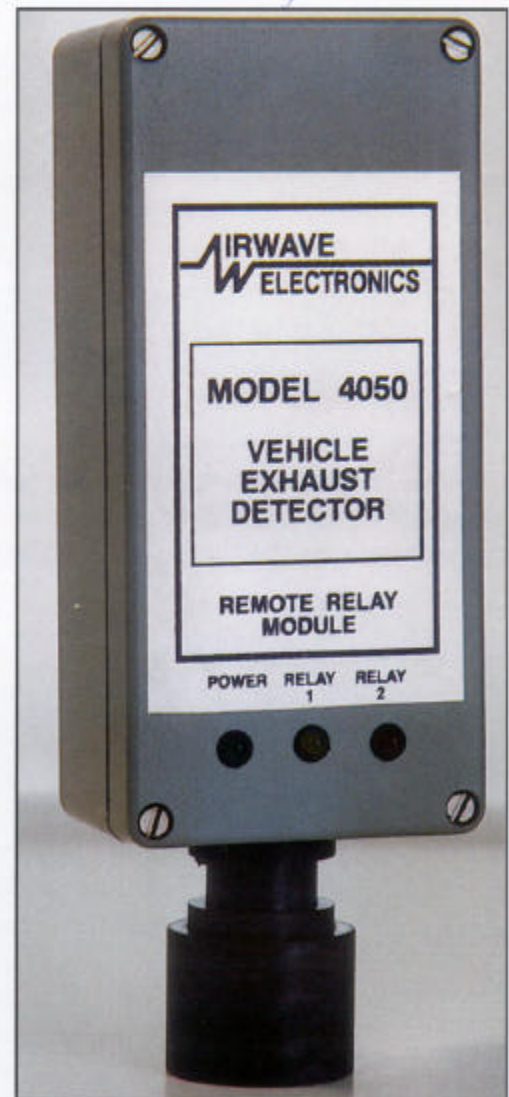


# AIRWAVE ELECTRONICS

## CO Parkade Monitors Model AE 4050

### Features:

- \* Single Channel
- \* Economical
- \* Adjustable Lo & Hi Alarm Points
- \* 5 amp Relay Contacts
- \* Surface Mount Technology
- \* Diffusion or Remote Sample
- \* Dust tight NEMA enclosure
- \* Temperature Compensation
- \* Long sensor life
- \* Optional Time Delay
- \* Low maintenance requirements
- \* Proven technology



## Introduction

The AE4050 Parkade Monitor is a single channel Vehicle Exhaust and Diesel emissions gas detection system featuring Lo and Hi adjustable alarm points that are normally set at 50 ppm and 100 ppm respectively. The alarm activates separate 5 amp relays which can turn on various electrical devices such as fans or warning lights.

## High Reliability

All of the major components on the Model AE4050 have more than a 5 year expected life with the sensors being the only exception. The expected lifespan of the sensors is 3 - 5 years depending on the environment. The Model AE4050 has no expensive "built-in" maintenance requirements such as lamp replacements, regular changes of corrosive liquids or extensive time consuming calibrations.

## Sensor Temperature Compensation

Airwave Electronics incorporates temperature compensation at the sensor. By using compensation at the sensor, its response is unaffected by ambient temperature changes and calibration can be conducted regardless of temperature. This provides an accurate measurement of gas concentrations.

## Specifications

Sensor Input:	Internal Sensor Temperature Compensated
Available Sensors:	CO and NOx Other sensors are available on request.
Concentration display:	Visual Indication Power, Low Alarm, High Alarm and Fault Indication
Alarm Relays:	Two concentration and dry contacts, safe, NO/NC configuration. User adjustable activation points. Rated for 5 amps @ 115 V AC (resistive load). Optional horns and lights for alarm annunciation.
Electronic Circuitry:	General purpose locations. Low maintenance solid state design.
Power Requirements:	115 VAC, 230 VAC - 150 watts
Construction:	Weather-proof, metal with wall mounts
Size:	Single Channel; 32 x 25 x 20 cm (9" x 3" x 2.1/3")