



GAS COMMANDER 800DL-X

8 CHANNEL GAS MONITORING SYSTEM FOR
COMMERCIAL & INDUSTRIAL APPLICATIONS



Equip your workplace with the Air-Met Scientific Gas Commander 800 DL-X, a low-cost 8-channel monitoring system to avoid unnecessary injuries and fatalities.

Providing continuous and real time monitoring, the system will immediately trigger alarms and alert personnel when levels exceed specified concentrations.

HIGH VISIBLE DISPLAY

The Gas Commander 800 is perfect for situations where the display needs to be easily visible. Its 20mm LED display is readable from a distance of up to 10 metres, and its brightness adjusts automatically based on ambient light conditions for optimal viewing. If necessary, the display can be turned off and will only activate in the event of an alarm.

MODBUS OUTPUT

The ModBus output allows users to monitor the gas detector remotely from the controller by integration into either a PLC or Building Management System. In addition, its optional internal data logger board can store data up to one year and download for reporting purposes when required.

DATA LOGGING

The optional software enables live data viewing and logging directly to a computer's local drive. Additionally, the software allows users to download and view data from an internal data logger which is optionally available as well as program the Gas Commander remotely. Downloaded data can be displayed either as a table or graph and a total of 32 instruments can be linked together.

ALARM ISOLATION FUNCTION

The isolate function allows user to freeze the alarm relay operation for the period set. This can be used to allow change of sensor or calibration without affecting the alarm status. The timer will be reset automatically at the end of the timing period selected.

SPECIFICATIONS

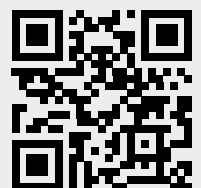
GENERAL

Part Number	958100
Enclosure	Black Polycarbonate
Dimensions	250mm x 140mm x 120mm
Power Requirements	24 VDC and / or 240 VAC
Power Consumption	20 VA (without load). Max 52 VA
Operating Temperature	-10... + 60 °C
Humidity	5... 95%
Glands	3 x M12 standard supply
Gland Material	Polycarbonate
Internal Buzzer	68 dB / 1.5 Hz
IP Rating	IP65
Weight	2.4 kgs
Inputs	<ul style="list-style-type: none">> 8 inputs / channels per unit> 4-20 mA, Displays -1999... 9999> 4 Digital Inputs (reset alarm remotely)
Outputs	<ul style="list-style-type: none">> 9 Relays suitable for 240 VAC – 5 Amps> 1 Descending alarm per channel (Fault or low Oxygen)> 2 Ascending alarms per channel (Low and High Alarm)> ModBus RS232 or RS485.
Accuracy	0.1 % of full scale when calibrated
Sample Rate	0.5 seconds per channel approx.
ADC Resolution	1 in 20,000
Display	4 + 1 Digit Large Segment display, red LED's
Alarm Indicators	LED
Keypad	4 large keypads on front decal

WANT TO LEARN MORE? CONTACT US TODAY!

For more information about the Gas Commander 800 DL-X, contact your local Air-Met Scientific office on 1800 000 744 or contact our team via email at engineeredolutions@airmet.com.au.

Alternatively, scan the QR code to locate your nearest Air-Met Scientific office.



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