

- Operates with sensors or Guardian Plus system
- Continuous sensor status monitoring
- Two modes of operation – indicator/repeater
- Plug & Play - option (coming soon)
- 1~64 Sensor grouping
- Pre-calibrated sensors
- Traffic light display
- Simple network connection and setup
- Menu options



The Guardian Lite panel may be used as a repeater unit giving details of individual sensor readings and alarms from the selected sensors, or by menu selection, used as a remote indicator warning panel, providing visual and audible alarms only.

Communications

4 wire addressable CANbus – Guardian Plus system

Indicators

Normal – Green display screen

Repeater mode:

Concentration | Gas type | Sensor identification

Indicator mode (menu option)

Text – SAFE

A1 (low alarm)

Red screen flashing 1 second + sounder

Repeater mode:

Reading | Gas type | Sensor identification | Alarm status

Indicator mode:

Text – LOW ALARM

A2 (high alarm)

Red screen flashing 0.5 second + sounder

Repeater mode:

Reading | Gas type | Sensor identification | Alarm status

Indicator mode:

Text – HIGH ALARM

A3 (overrange alarm)

Red screen flashing 0.25 second + sounder

Repeater mode:

Reading | Gas type | Sensor identification | Alarm status

Indicator mode:

Text – OVERRANGE ALARM

Fault

Amber screen flashing + sounder

Repeater mode:

Fault status | Sensor identification

Indicator mode:

Text – FAULT

Power Supply

Internal - 24VDC -115/230VAC 50Hz (1-4sensors)

Auxiliary power supply (5-16 sensors) - option (200-005)

Auxiliary power supply (17-64 sensors) - option (200-003)

Sensors

1-4 (Internal power supply) 5-64 (External power supply)

Sensor types

Combustible gas – LEL / %Vol

Toxic gas – PPM / %Vol

Oxygen – %Vol Depletion / Enrichment

Refrigerant - PPM

4-20mA input – Alternative transducers / sensors

N/O - N/C input – Emergency Knock-off button
– Fire alarm – Heat detector

Relays

Four – A1, A2, A3, Fault

SPCO 5A/30vDC

Latched or unlatched N/E - N/D

Relay off timer

Shutdown relay SPCO 6A 230VAC – option

Sounder Output

68dBs @ 1 metre

Mutable or permanent isolate option

Sounder automatic 10 minute time out option

Other

Manual test – indicators, sounder & relays

Weight 0.45kg

Enclosure

ABS flame retardant FR40

Lid Screws M4-SS

Protection – IP64 (weather proof)

Finish – Signal White RAL 9003

Entries

Base 2 x 20mm knock-outs

Rear 5 x 20mm and 2 slot knock-outs

Sides/Top not specified

Environmental air seal gasket – option

Mounting

Stand offs – M4 or No.8 screws

Drill at (C) when stand offs removed

Conduit box – drill at (A) 4.5mm

Surface mount box – drill at (B) 4.5mm

