



Gas Detection & Monitoring System (GDMS)

Features:

- 2 zones expandable to 4.
- 1 to 4 detectors per zone (with the use of a zone expander).
- Zone expanders available separately.
- Faulty / detector removed warning.
- Zone fault, pre alarm and alarm indicators.
- Pre alarm and alarm threshold individually set per zone.
- Time multiplexed output for real time reporting to BMS.
- Connections for indicator beacons and sounders.
- Fire alarm and emergency stop inputs.
- Uses industry standard 2-10 volt output, 3 or 4 wire connection.
- 5 year “back to base” warranty.





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The Intelligas GDMS system provides a cost effective and aesthetically pleasing solution to gas detection needs.

With a variety of outputs and zone options the GDMS won't leave you high and dry onsite wanting that extra relay output or detector option. Simple easy to use "pots" on the main PCB adjust the pre-alarm and alarm set points. Relay outputs can be used to control any number of indicating devices.

For a more comprehensive report on the system status our pioneering "time multiplexed output" can be fed into a Bacnet multiplexer or other such device to give a real time report on the system status.

Standard 2-10v detector heads can be used with the system, all of which are available from stock.

Technical details:

- Enclosure dimensions 240 x 195 x 90 (keyswitch protrudes upto 50mm more)
- Electrical supply 230v upto 700w depending on outputs used

• **Outputs:**
230v 3.15A 50hz
Up to 16 x 2-10v

• **Inputs:**
24v 2A power supply
Multiple relay outputs (general and per zone).
0-10v multiplexed.
24v beacon output.
24v sounder output.
Optional gas valve output.



For more details on the Intelligas product range contact Red Dragon:



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Complementary products from Red Dragon include:

EN161 gas solenoid valves - manual reset or auto reset

Pressure and differential pressure switches

CO2 sensors

Knock-off buttons

Current sensors

Insertion or inline thermal mass gas flow meters

Ultrasonic air/gas leak detector