



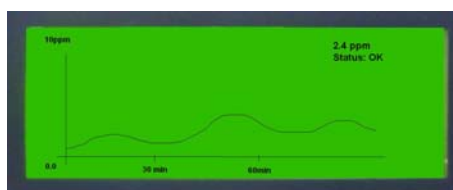
**cems**  
ENVIRONMENTAL &  
PROCESS CONTROLS

## 8 Channel Gas Detection Panel



- 8 Input Channels
- 8 Volt Free Relay outputs
- 4.3" LCD Display
- Alarm list
- Trend Data on display
- IP65 rating
- Optional Battery backup including sounders
- Optional Dial-out function
- 4 additional analogue inputs e.g. Temp, Pressure, flow...
- Password protect settings.
- Remote reset / isolate
- Operate / Program via telephone

### Trend Data



### View 8 channels at once



Works with any 4-20mA detector to measure the following::

Combustible gases/vapours,  
**CO, H2S, SO2, NO, H2, HCN,**  
**HCL, O2, C2H4O, SiH2, NH3,**  
**NO2, O3, CL02, CL2** and more

[www.environmental.ie](http://www.environmental.ie)

[mail@environmental.ie](mailto:mail@environmental.ie)

TEL: +353 (0)21 242 9448  
FAX: +353 (0)21 4580496  
MOB: +353 (0)87 7940625

### ***Mechanical Specifications***

Height	280mm
Width	320mm
Depth	135mm
Weight	4.0Kg including batteries
Mounting holes	4 holes, Ø4.2mm, spaced at 200mm (vert) 288mm (horz)

### ***Environmental Specifications***

Operating temperature	-10°C to +60°C
Storage temperature	-20°C to +70°C
Humidity range	20%RH to 90%RH (Non-condensing)

### ***Electrical Specifications***

Supply voltage	86Vac- 260Vac
Power consumption	6W
Mains fuse	1A'T' short circuit & overload protected
Battery fuse	
Sensor cables	3 core, screened, 0.5mm <sup>2</sup> to 2.5mm <sup>2</sup>
Relay contacts	SPST, 250V, 10A, fully programmable
Analogue outputs	Optional analogue output per channel
Unit interrogation time	50mS
Battery operation time	2*1.2AH battery: typically 4 hours with all 4 detectors fitted
Battery voltage	2 * 12V
Battery type	Sealed lead-acid
Combustible gas sensor type	Any compatible 4-20mA sensor
Toxic gas sensor type	Anycompatible 4-20mA transmitter
Annunciator output	75dB(A) @ 1m
Transient protection	PCB mounted Metal Oxide Varistor
Terminations	PCB terminal blocks up to for 2.5mm <sup>2</sup> cables
Alarm inhibit	Password protected alarm inhibit/muting
Alarm setting	Digital setting (fully adjustable between 10% and 90% of full scale)
Alarm types	Energised/de-energised. Enrichment/deficiency.
Resolution	1%
Accuracy	5%
Full scale range	Freely programmable
Memory	110KB flash ROM
Enclosure material	Two-piece, hinged, ABS, Aluminium plate
Electromagnetic Conformance (EMC)	Complies with EN50081 and EN50082