



## THE FLEXIBLE, MODULAR GAS DETECTION CONTROL PANEL THAT CAN BE INSTALLED IN A RACK.

The Gasmonitor Plus is a flexible system that has already proven its worth for countless projects across the world, including offshore applications.

The Gasmonitor Plus can manage up to 16 gas detectors, or up to 32 zones if used for fire protection.

With its innovative features (individual bar graph per channel, alarms programmable per detector) and its SIL2 safety approval, this control panel is fully capable of handling the most demanding applications.



## TECHNICAL DATA

▶ <b>Size</b>	19 x 5.25 x 11.5 in. (48.3 x 13.3 x 29.4 cm)
<b>Weight</b>	21lbs (9.5kg)
▶ <b>Enclosure material</b>	Aluminium alloy
<b>Mounting</b>	Rack mounted (3u format)*
▶ <b>Power supply</b>	100-260 V ac 50/60 Hz external, 27.6 V dc
<b>Battery back-up</b>	External
▶ <b>Operating temperature</b>	0°C to +50°C (32°F to 122°F)
<b>Humidity</b>	0-95% non-condensing
▶ <b>Digital communication</b>	RS232 with PanelsPro or SetGMon only
<b>Approvals</b>	
▶ <b>Low voltage directive</b>	Meets BS EN 61010-1
<b>EMC Directive</b>	Meets EN 50082-1, EN 50081-1, EN 50270, EN61000-6-4
▶ <b>ATEX</b>	Conforms to EN60079-25 in configuration with Zener Barrier Baseefa 05Y0090/1

\* Wall-mounted and floor-standing cabinets are optional, dimensions on request.

## ASSOCIATED FIXED DETECTORS



## FEATURES

### INPUTS

#### Available lines:

Gas: up to 16 detectors (4-20mA or mV)  
Fire: maximum of 32 loops per rack (16 twin zone fire modules)

**Nominal voltage:** 18-30V DC, to suit the architecture

**Maximum total current for the lines:** 3.3A

### ALARMS

**Relays:** up to 84 double-pole change-over (DPCO) contacts  
Interrupting rating 5 A @ 250 V AC

**Alarms per channel:** gas alarms 1, 2 and 3, fire and fault  
Programming: user-configurable (energized/de-energized, latching/non-latching, time delay)

**Audible/visual alarm command:** Powered 24V DC, max. load up to 2A for each alarm level

### OUTPUTS

**Analogue output:** one 4-20mA repeat output available per detector / Max. load: 960 Ohms or a 1-5V output available per detector / Min. load: 100 Ohms

**Digital communication:** RS-232

