

Be sure, be safe.

COSMOS

Gas Detection Control System

ePACT Controller

**Reliable Gas Detection Controller
for small, medium to large size systems**
Full flexibility and expandable to your needs



CE UK
CA

Features

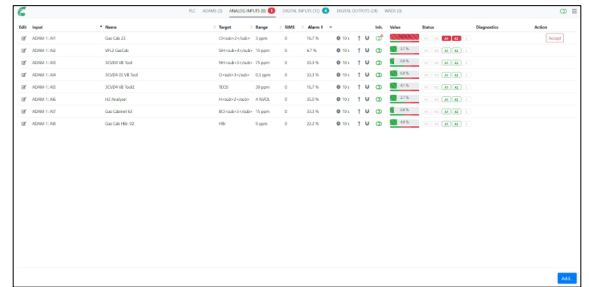
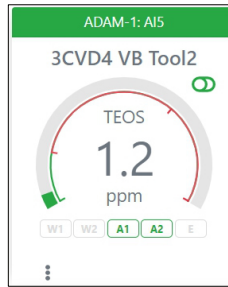
- The ePACT Controller consist of easy to use ePACT configuration software to configure the system to your needs
- Designed for small, medium to large size gas detection systems
- Modular set-up for flexible I/O configuration
- Easy expandable via internal I/O modules or remote cabinets
- Expansion and configuration is done in live systems. No need to reboot, no down-time of your safety system
- Full control over the entire system
- The ePACT (Ethernet Programmable Active Configuration Tool) software is equipped with real time visualisation of the gas detection system available via multiple (remote) displays
- Each display can be configured to show dedicated detector signals and will automaticaly scale to the resolution of your screen
- The ePACT Controller is fully compatible with the SIMS-NX visualisation software for real time and historical sensor data via trendview, eventlog and maps.
- Support of SH-WAD, PS-7M and other I/O protocols

Appearance and Part Names



* Picture above is the ePACT Controller - compact 8 with 10.1" TFT display

ePACT embedded software accessible via web-browser (default support Google Chrome)



Specifications default Compact 8 and 16 configurations

Model	ePACT Controller Compact 8	ePACT Controller Compact 16
System size	Small	Medium
Cabinet dimenstions	Wall mounted 600Hx400Wx250D (in mm)	Wall mounted 600Hx600Wx250D (in mm)
Door hinges	Right side (default)	Right side (default)
Cable entry	Bottom cable gland plate	Bottom cable gland plate
Power supply	Single 10A/24Vdc	Single 10A/24Vdc
Processor	Single RevPi Core3+	Single RevPi Core3+
Ethernet switch	8 ports	16 ports
Analog input (AI)	8x 4-20mA 3-wire	16x 4-20mA 3-wire
Digital input (DI)	8x wet contacts 2-wire	8x wet contacts 2-wire
Digital output (DO)	24x dry SPDT contacts	42x dry SPDT contacts
Analogue mA splitter (AO)	Optional	Optional
ModBus RTU RS-485 gateway for connecting SH-WAD detectors	Optional	Optional
10.1" TFT display Android	Optional	Optional
15" TFT display incl. Windows PC		Optional

The ePACT Controller Compact 8 and 16 are default configurations. Other configurations are possible depending on your needs and can be configured with a wide range of I/O, passive redundant processors and active redundant power supplies.



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