

Control unit for flammable,
toxic, oxygen and
VOC's sensors.

Up to 32 channels
with wireless option



The **GasVisor 32** is a standalone, self contained control system for the detection of Toxic, Oxygen, VOC and Explosive hazards. The control system is fully configurable between 1 and 32 channels. Different transmitters with 4 to 20 mA signals can be mixed with output alarm signal devices. With the **SenLink** any 4 to 20 mA signal will be converted to RS-485 and wireless or wired transmitted to the control system. Developed with the latest innovations, the system is fully upgradeable with the possibility to connect new devices and more control panels on an existing system at anytime.

GENERAL FEATURES

The **GasVisor 32** control panel has the capacity to control up to 32 devices, including gas sensor 4 to 20 mA transmitter for oxygen, toxic and flammable gases, and Volatile Organic Compounds; but can also control external alarm signal devices as electro valves, optical and acoustical signals, etc. Those transmitters can be RS-485 connected or with the optional 869 MHz modem can be wireless linked.

It also provides 3 alarm relays for three common alarm levels and a fault relay, and optionally can have an additional 12 relay board that enable to program every relay individually. All relay is NO/NC and is fully configurable and be set as rising or falling, latching or non latching. Alarm relays are acknowledged via the DMI pushbutton located on the front panel of the instrument housing.

Configuration is done with the easy DMI (Device Menu Interface) button function or via Laptop PC. The **Senfig** software allows quick and easy set-up. The DMI button allows user to intuitive configuration of the system without previous knowledge. With the **Senview** software system with multiple control panels can be configured, providing visibility, alarms and logging up to 32 control panels.

APPLICATIONS

Laboratories
Pharmaceutical
Refineries
Food & Agriculture

Industrial Safety
Pulp & Paper
Steel Mills
Chemical Plants

Power Plants
Oil & Gas
Waste Water Treatment
Shipyards

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sensotran, s.l

GAS DETECTION

OUR MISSION: YOUR SAFETY

TECHNICAL SPECIFICATIONS

Available sensors	Catalytic Non dispersive Infrared (NDIR) Electrochemical PID
Detectable Gases and Vapours	Flammables Toxics Oxygen Volatile Organic Compounds
Measuring Ranges	0 – 100 % L.E.L From 0 – 10 up to 0 – 10.000 ppm 0 – 25 % O ₂
Working Temperature	-25 to 65 °C
Humidity	0 – 95 % HR (non condensable)
Pressure	±15 %
Input Signal	RS-485 or Wireless
Output Signal	3 mA on fault sensor o cable 3 alarm relay (N/O & N/C) 1 fault relay Buzzer LED
Accuracy	1 % reading
Histeresys	0 to 5 % full range
Alarm Delay	Adjustable (Alarm 1 & 2)
Repetibility	2 % reading
Display	Graphic (240 x 64 dots)
Power Supply	220 VAC - 24 VCC
Standards	EN 50270 (CEM)
Enclosure	Polystyrene, with internal EMI painting
Glands	Chrome Brass
Size	285 mm x 200 mm x 130 mm
Weight	2.1 Kg

AVAILABLE SENSORS

Flammable Gases



RAEGuard LEL

4-20 mA output
2 alarm relay
Non intrusive calibration

RAEGuard HC

4-20 mA output
2 alarm relay
Infrared



Toxic gases and oxygen



SENSOTOX 420

Available sensors: O₂,
CO, Cl₂, SO₂, HCl,
NO, NO₂
4-20 mA output

TX-FMA

Analog display.
4-20 mA output.
Power supply : 24 VDC



RAEGuard EC

4-20 mA output
2 alarm relay
ATEX

Volatile Organic Compounds

RAEGuard PID

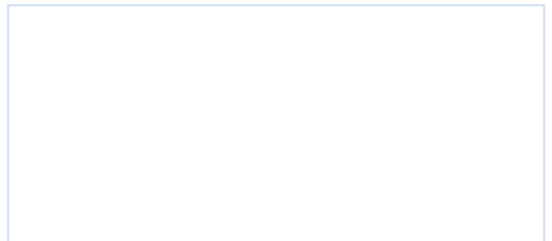
4-20 mA output
Alarm relay
Digital Display



Connection scheme



Distributor



sensotran, s.l

GAS DETECTION

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