

Ax60+

Safety, at the ready

by **ANALOX**



Protect your team, customers and site with the Ax60+

The Ax60+ is a **fixed/wall mount safety** monitor with options for sensing carbon dioxide (CO₂), oxygen (O₂) or a combination of both gases.

This flexible system comes with a central unit including a digital display and can offer protection in multiple areas of your site with a choice of 1-4 sensors of either gas.

Analox pre-configure the unit for your local regulations so all you need to do is follow the simple quick start guide supplied with your unit.

Benefits

- **Ready to install** - straight from the box
- Meets all state and local fire/building codes
- Relays can be set to activate fans or gas shut-off on **alarm set points, system faults and power outage**
- Connect to your Building Management System (BMS) with the Data Output Module (DOM) for **live, remote readings**
- **Flexible system** to suit your application
- Sensors can be **retro fitted** if your requirements change
- Alarm set points can be **changed by the user** if there is a change in legislation
- True **peace of mind** with a 5 year electronics warranty
- **Easy to maintain** and calibrate if required

Features

- Central unit with digital display
- Choice of 1-4 sensors
- Choose the number of alarm units (up to 4 per sensor, system maximum 8 alarm units)
- Choose any combinations of gases (CO₂ or O₂)
- 2 built-in relays
- Audible & Visual alarms
- Time weighted average (TWA) alarm
- Quick connect or hard wired installation options
- Optional MODBUS RTU & 4-20mA via the Data Output Module (DOM)
- Optional external beacon

Gases Detected

Oxygen (O₂) & Carbon Dioxide (CO₂)

Applications

- Restaurants & Fast Food Establishments • Bars • Laboratories
- Breweries & Wineries • Greenhouses & Agriculture • Ventilation
- Medical Facilities • Fire Suppression • Green Energy
- Schools & Academic Facilities • Gas Manufacturing & Blending
- Dry Ice shipping • Vaccine roll out centres • Pharmacies
- Logistics Warehousing & Distribution Centres • Air cargo Warehousing

The Ax60+ meets:



UK & USA
Quality Design,
Manufacturing & Service

Want to talk about your
application requirements?
Give us a call!

Your Challenge, **Our Passion**

Ax60+

FACT

"The Ax60+ is globally approved by the Restaurant Solutions Group"

Tech Spec

System Specification	
Warm-up time	40 Seconds
Operating temperature range	-5°C to +50°C +23°F to +122°F
Warranty	5 Years Electronics

Alarm Unit	
Strobe	White LED strobe > 100 cd (optional blue, red & amber filters)
Sounder	Min 80 dBA @3m (9.8 feet)
IP rating	IP55
Warranty	5 Years Electronics
Dimensions	1.7"/45mm x 5.1"/132mm x 3"/72mm (w x h x d)

Central Display Unit	
Display	LCD dot matrix (backlit)
Relays	2 x high powered configurable relays rated for 250V AC/30V DC, 3A max
Maximum power consumption	<24 W
Power supply accepts inputs from	100-240V ~ 1.5A through the transformer or 24VDC direct power
IP rating	IP54
Dimensions	6.9"/175mm x 4"/106mm x 2.6"/67mm (w x h x d)
Optional Extras	24V supply available for optional external beacon

Sensor Unit		
	CO ₂ Sensor	O ₂ Sensor
Gas detected	Carbon Dioxide (CO ₂)	Oxygen (O ₂)
Measurement technique	Infrared	Electrochemical cell
Range	0% to 5% (0-50,000ppm)	0% to 25%
Default alarm set-points	<p>USA regulations (OSHA, NBIC, NFPA and IFC) : TWA - 5000ppm (0.5%) AL1 - 5000ppm (0.5%) AL2 - 15000ppm (1.5%) AL3 - 30000ppm (3%)</p> <p>International/European regulations (EH40): TWA - 5000ppm (0.5%) AL1 - 15000ppm (1.5%) CO₂ - 30000ppm (3%)</p>	18% (low) 19.5% (low) 23% (high)
Sensor Warm Up Time	40 Seconds	60 Minutes
Warranty	5 Years	5 Years Graded
Response time	(T90) <30 seconds	
IP rating	IP55	
Dimensions	3"/72mm x 5.1"/132mm x 2"/52mm (w x h x d)	

Why Analox?

...because we don't just meet standards - we set them

Analox are the 'go-to' company when expertise is required for setting gas safety standards and we are proud to have assisted **California Fire Prevention Institute (CFPI)**, **Compressed Gas Association (CGA)**, **Technischer Überwachungsverein (TUV)** and the **International Association of Oil & Gas Producers (IOGP)**.

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.