

# 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 (CO<sub>2</sub>), oxygen (O<sub>2</sub>) 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 (CO<sub>2</sub> or O<sub>2</sub>)
- 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 (O<sub>2</sub>) & Carbon Dioxide (CO<sub>2</sub>)

### 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

Your Challenge, **Our Passion**

Speak to our team today UK/Global: +44 (0)1642 711 400  
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# Ax60+



## 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 <sub>2</sub> Sensor	O <sub>2</sub> Sensor
Gas detected	Carbon Dioxide (CO <sub>2</sub> )	Oxygen (O <sub>2</sub> )
Measurement technique	Infrared	Electrochemical cell
Range	0% to 5% (0-50,000ppm)	0% to 25%
Default alarm set-points	<p><b>USA regulations (OSHA, NBIC, NFPA and IFC) :</b>                      TWA - 5000ppm (0.5%)                      AL1 - 5000ppm (0.5%)                      AL2 - 15000ppm (1.5%)                      AL3 - 30000ppm (3%)</p> <p><b>International/European regulations (EH40):</b>                      TWA - 5000ppm (0.5%)                      AL1 - 15000ppm (1.5%)                      CO<sub>2</sub> - 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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