

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

Your Challenge, **Our Passion**

Speak to our team today
UK/Global: +44 (0)1642 711 400
US Office: (714) 891 4478
US Toll Free: (877) 723 3247

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 | w 3" / 72mm h 5.1" / 132mm d 2" / 52mm |

| 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 | w 6.9" / 175mm h 4" / 106mm d 2.6" / 67mm |
| 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 | w 3" / 72mm h 5.1" / 132mm d 2" / 52mm | |

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)**.

You can call us

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