



GASES DETECTED

CO₂

O₂

Ax60+

Multi-gas Safety Monitor



The Ax60+ is a wall-mountable gas safety device for monitoring oxygen and carbon dioxide. Based on the popular Ax60 CO₂ detector, the new Ax60+ offers the additional functionality of a modular Q sensor which provides an early warning of both oxygen depletion and oxygen enrichment. The CO₂ and O₂ sensors are interchangeable and can be fully integrated as part of a multi-point, multi-gas detection and alarm system.

The CO₂ sensor is set by default to trigger a low-level alarm at 1.5% CO₂, an evacuation alarm at 3% CO₂ and a time-weighted average alarm of 0.5% CO₂ measured over eight hours. The Q sensor is set by default to trigger low-going alarms at both 19.5% and at 18% and a high-going alarm at 23%. The alarm setpoints can be changed by the user. Warnings are announced by high-visibility strobe lights and high-volume sounders.

KEY FEATURES

Multi-point, multi-gas, distributed monitoring system

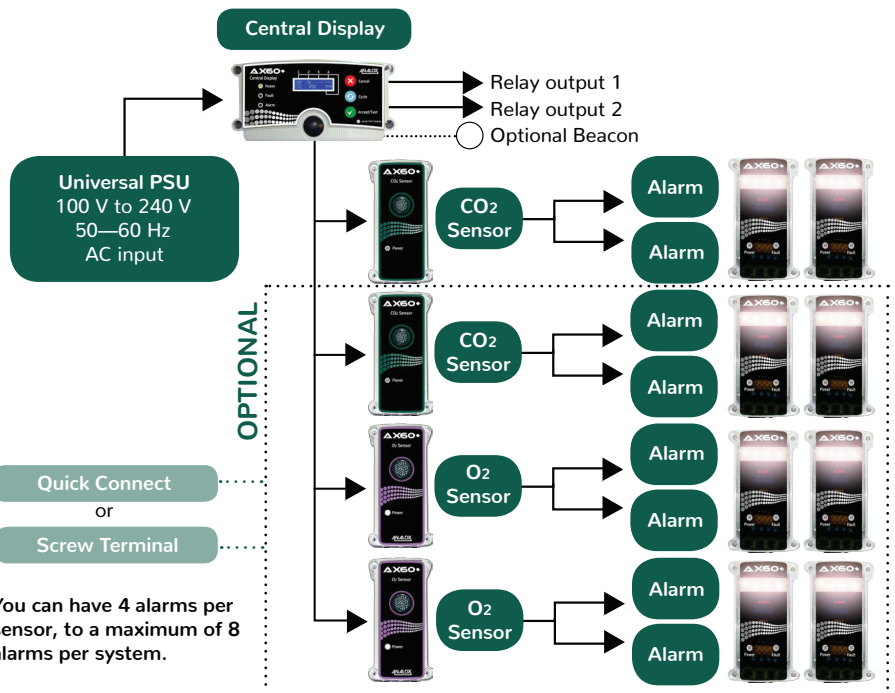
4-channel flexibility allowing any sensor combination

Central display unit for remote operation and control

User-configurable alarms, setpoints and relay outputs

Built-in software for operation and maintenance tasks

INDUSTRIES

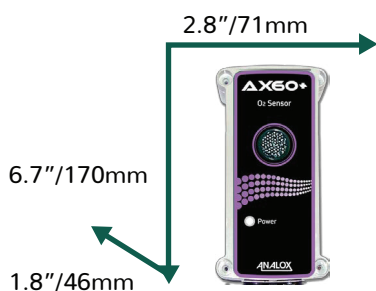
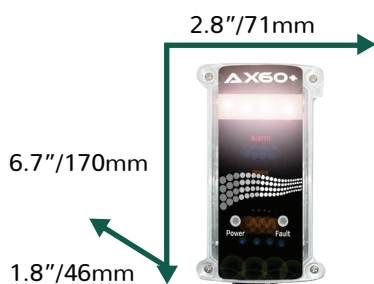


Manufactured in Great Britain

PROVIDING NICHE CUSTOM GAS DETECTION SINCE 1981

ANALOX
Sensor Technology

SPECIFICATIONS



Alarm set points can be changed by the user.

Analox has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice. Full technical specifications are available upon request and can be found in the User Manual. If you require a datasheet in another language please contact us.

System

Warm-up time: 40 seconds

Operating temperature range: -5 °C to +50 °C, +23 °F to +122 °F

Approvals: CE, EN50270, IEC 61010 (UL), DIN 6653 (TUV)

Warranty: 5 years electronics

Central Display

Display: LCD dot matrix (backlit)

Relays: 2 off, default normally open. Rating 1 A/30 V AC/DC

IP Rating: IP54

Alarm

Strobe: white LED strobe > 100 cd (optional blue, red and amber filters)

Sounder: min 80 dBA @3 m (9.8 feet)

IP Rating: IP55

CO₂ Sensor

Gas detected: carbon dioxide

Measurement technique:infrared

Range: 0.1% to 5%

Default alarm setpoints: 0.5% (8 hour TWA), 1.5%, 3.0%

IP Rating: IP55

Warranty: 5 years

O₂ Sensor

Gas detected: oxygen

Measurement technique:electrochemical cell

Range: 0.1% to 25%

Default alarm setpoints: 18.0% (low going), 19.5% (low going), 23.0% (high going)

IP Rating: IP55

Warranty: 5 years graded



GEM SCIENTIFIC LTD

Unit 301, Batley Enterprise Centre, 513 Bradford Road, Batley, West Yorkshire WF17 8LL

Tel: (01924) 444577 | Email: sales@gemscientific.co.uk

Web: www.gemscientific.co.uk