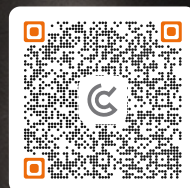




A modern way of installation

Carbon monoxide, smoke, and gas detectors



EVERYDAY
SAFETY



LOUD AUDIBLE
ALARM



VISUAL
INDICATION



PROVEN
TECHNOLOGY

Carbon Monoxide Detector **CA-S-CCO**



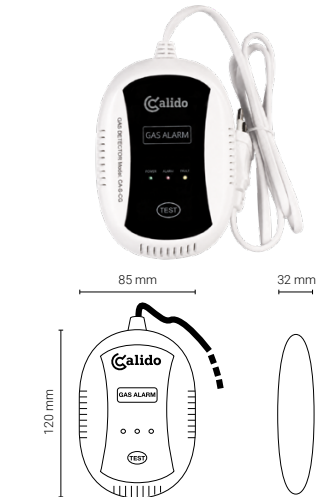
The CA-S-CCO carbon monoxide detector continuously monitors CO concentration and activates both an audible and visual alarm when dangerous levels are detected. Equipped with an electrochemical sensor (10-year service life) and a self-diagnostic system, it provides alerts for faults, end of sensor life, and low battery status. The LCD display shows the current CO concentration and system status messages.

Power supply:	4.5 V (3 × AA batteries)
Sensor type:	Electrochemical sensor (10-year service life)
Sound level:	85 dB
Operating temperature range:	0°C to +45°C
Operating humidity range:	Up to 90% RH
Degree of protection:	IP20

Product features

- Tested in Poland in a specialised chamber – supplied with an individual certificate, bearing the serial number of the specific unit, certifying correct detection of a 300 ppm carbon monoxide concentration within 3 minutes
- Electrochemical sensor with a 10-year service life
- LCD display showing the current carbon monoxide concentration and system status messages
- Visual alarm indication
- Audible alarm (85 dB)
- Low battery indication
- Sensor fault and end-of-life indication (self-diagnostic system)
- Carbon monoxide detection thresholds (in accordance with EN 50291-1:2018+AC:2021):
30 ppm – alarm after more than 120 minutes
100 ppm – alarm within 10–40 minutes
300 ppm – alarm within 3 minutes

Gas Detector **CA-S-CG**



The CA-S-CG gas detector is designed for continuous monitoring of combustible gases (natural gas and LPG) in the air. If an elevated gas concentration (~10% LEL) is detected, the device activates both an audible and visual alarm, providing early warning and enabling the user to take appropriate action to help prevent an explosion or gas poisoning. The device is equipped with an advanced semiconductor sensor and an electronic self-diagnostic system that indicates sensor faults.

Power supply:	230 V AC
Sensor type:	Semiconductor sensor
Sound level:	85 dB
Gas detection threshold:	~10% LEL
Additional output:	For solenoid valve control

Product features

- Detection of hazardous concentrations of natural gas and LPG (propane-butane)
- Visual alarm indication
- Gas detection threshold: ~10% LEL
- Semiconductor sensor
- Audible alarm (85 dB)
- 230 V AC mains power supply
- Sensor fault indication (self-diagnostic system)

Smoke Detector **CA-S-CD**



Smoke detectors are used to provide an early warning to people inside a building in the event of a fire. This enables a fire to be extinguished in its early stages and allows occupants to evacuate the affected areas safely.

Power supply:	9 V (6F22 battery)
Sensor type:	Photoelectric sensor
Visual indication:	Power and fault LED
Sound level:	85 dB
Operating temperature range:	-10°C to +40°C
Operating humidity range:	Up to 90% RH
Degree of protection:	IP20

Product features

- Detection of fire hazards based on the presence of smoke in the air
- Test and alarm silence button
- Photoelectric sensor
- Audible and visual alarm (85 dB)
- Complies with the European Standard for smoke detectors: EN 14604:2005/AC1:2008
- Low battery indication

Carbon Monoxide & Smoke Detector **CA-S-CTWD**



The CA-S-CTWD is a 2-in-1 detector, providing both carbon monoxide and smoke detection. Tested in Poland in a specialised chamber – supplied with an individual certificate, bearing the serial number of the specific unit, certifying correct detection of a 300 ppm carbon monoxide concentration within 3 minutes.

Power supply:	Built-in lithium battery with a 10-year service life
Sensor type:	Electrochemical sensor + photoelectric sensor
Sound level:	85 dB
Operating temperature range:	0°C to +40°C
Operating humidity range:	Up to 90% RH
Degree of protection:	IP20

Product features

- LCD display
- Complies with the European Standard for carbon monoxide detectors: EN 50291-1:2018+AC:2021
- Powered by a built-in lithium battery designed to last for the entire service life of the detector
- Audible and visual alarm (85 dB)
- Complies with the European Standard for smoke detectors: EN 14604:2005/AC:2008
- Electrochemical and photoelectric sensors, each with a 10-year service life; test and alarm silence button
- Low battery indication