

LogiCO2 Cold Room CO2 Sensor

Developed to measure CO2 in cold environments



Conventional CO2 detectors are not made for cold environments and usually have an incorrect measurement of 30-40% or more, meaning that the sensor does not make an alarm when it should, and people could work in environments with CO2 levels above the Immediate Danger to Life and Health limit of 4% CO2 without being notified.

Some sensor manufacturers are battling this problem by adding heating radiators inside the housing which adds cost and can shorten the life of the unit.

The new LogiCO2 Cold Room CO2 Sensor is made for cold temperatures and ensures safety to staff and customers by precise measurements.

TECHNICAL DATA

Power supply:	12-24V DC
Operating temperature:	-40°C to 25°C
Communication:	RS485 Modbus
Automatic calibration:	Several times a year
Ingress protection:	IP54

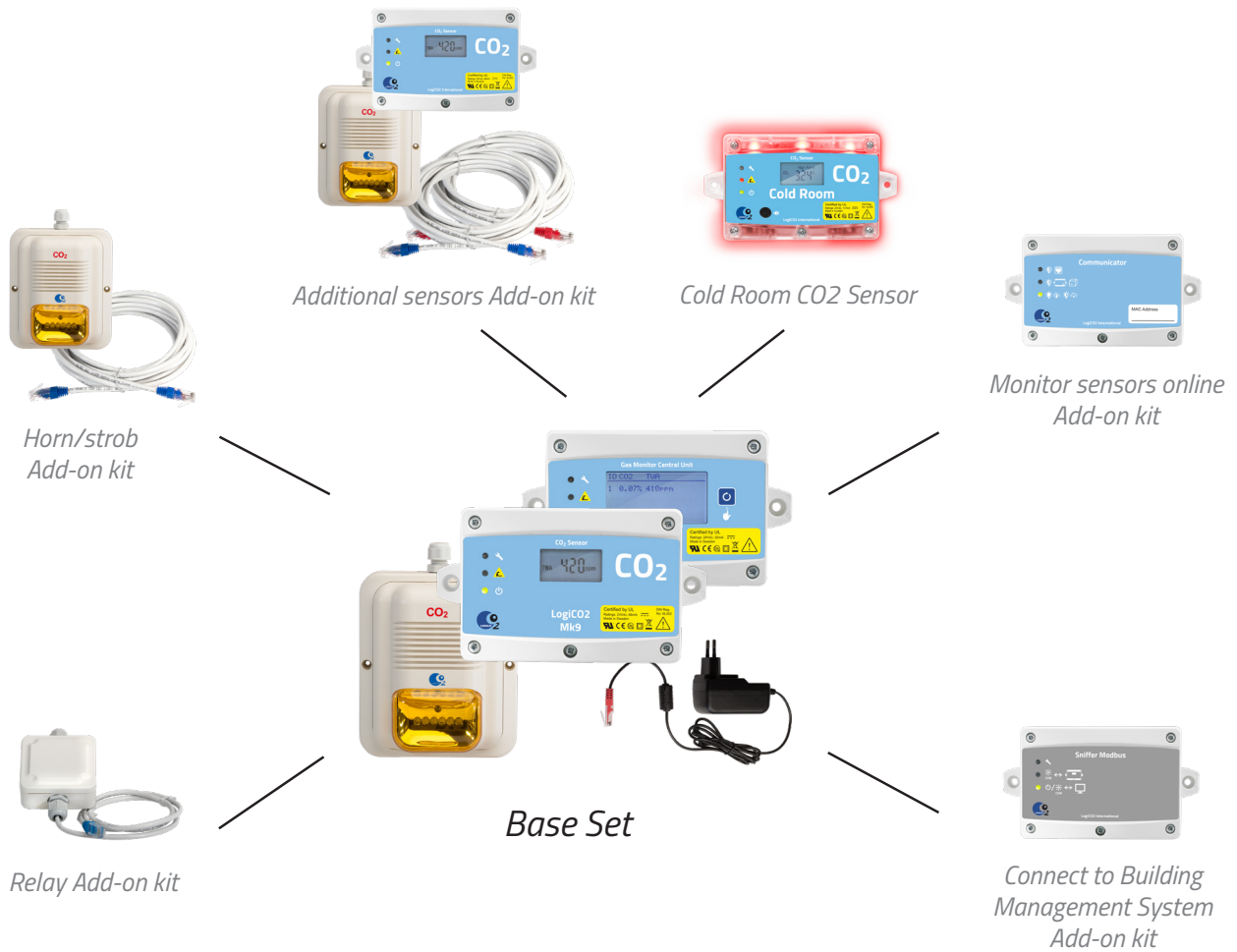
AVAILABILITIES

- The new Cold Room CO2 Sensor is available both as a Base set and Add-on kit.
- The Cold Room CO2 Sensor is adjustable for altitude compensation.



INSTALLATION AND EXPANDABILITY

Up to 12 sensors can be connected to one central unit. Add-On Kits are connected to the Base Set using Plug&Play for a quick and simple installation.



FEATURES

- Automatic self calibration, ensuring correct measurements over time.
- Altitude compensation, for precise measurements at high altitude.
- Digital communication, avoiding false alarms and enables large installations with long cables.
- Built in Horn and strobe in the sensor unit, saving the installation of an extra Horn/Strobe.
- Multilingual display, letting the user know what to do in different alarm situations in their local language.