



ZGAS 1.0

Easy and wireless Home
Automation by CLEODE



ZigBee® Smoke and Carbon Monoxide Detector

Functional description

ZGas detects any presence of smoke or Carbon Monoxide.

ZGas is a wireless product. It sends its alarms on ZigBee™ network.

ZGas is very low power and works with one 9V battery.

ZGas is compliant with ZigBee Pro 2007 stack and can be easily plug in an existing network.

Several ZGas can be installed at home to protect your house. We recommend installing one product at each stair.

Specifications

Key Features

- Permanently detects monoxyde
- Permanently detects smoke
- Pairing mode
- Test mode
- State LED

- Embedded battery supervisor
- Compliant with the Stack Pro 2007 "Home Automation" Public Profile

Conformity



Meets European consumer safety, health and environmental requirements.



Meets the Home Automation Public Profile standard established by Zigbee alliance.

Technical Data

Weight	130 g (without battery)
Power	6LR61 alkaline 9V Battery
Consumption	<100 µA in idle mode <75 mA in alarm mode
Sensibility	
CO :	100 ±50ppm
Smoke :	1%-50%/ft OBS

A complete offer for your projects

Customized solutions

Consultancy

CLEODE has unique expertise in the design and implementation of ZigBee® product.

With a partnership with Texas Instruments around its components ZigBee® and ZigBee Alliance member®, CLEODE optimizes, enriches and develops its products in accordance with standards.

CLEODE advises clients in the phases of engineering and design as industrialization or in systems installation.

Engineering

Leveraging our core products ZBee, Library ZCL, CLEODE designs and develops customer-specific management modules for both prototyping and industrialisation applications.

Areas of expertise:

- Electronics (diagram / routing / manufacturing file)
- Software (embedded / interface / HMI)
- Mechanical (CAD / Manufacturing / Packaging)

White label

CLEODE markets its products under its own brand or white label. On request it is possible to customize some products to best fit your business constraints.

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