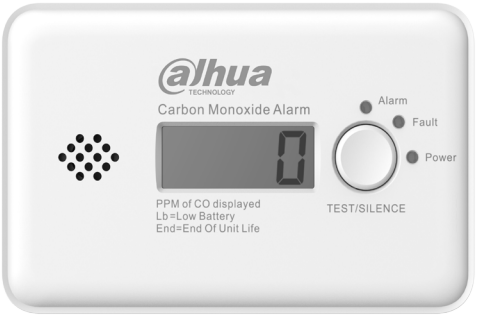
DHI-HY-GC21B-W2(868)

Wireless Carbon Monoxide Alarm



· High-performance electrochemical CO sensor to deliver accurate detection of carbon monoxide leakage and respond quickly
· Support low battery warning, one-click silence, and self-test
· Informative and easy-to-read CO concentration display in screen
· Three indicator lights for displaying device status clearly
· Excellent production, novel appearance, delicate and compact, simple and convenient installation

System Overview

Dahua Wireless Carbon Monoxide(CO) Detector provides battery-powered CO detection and alarm functions within a single unit. Advanced electronics in conjunction with a electrochemical sensor provide continuously detection of CO concentration. Once the surrounding Carbon Monoxide concentration reaches the alarm value, the detector will send out an audible and visual alarm signal, together with the push notification of the CO alarm on DMSS App in real time.

Scene

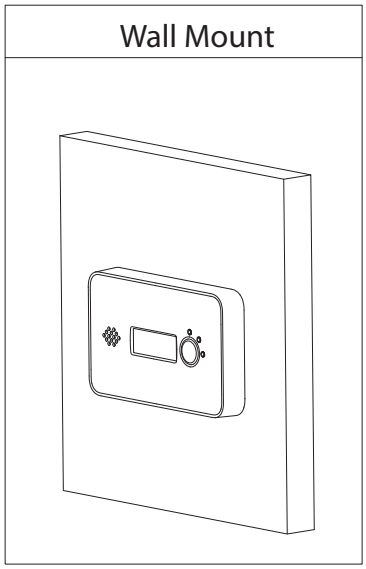
Application scenarios include homes, restaurants, hotels and other places that require Carbon Monoxide detection.

Technical Specification

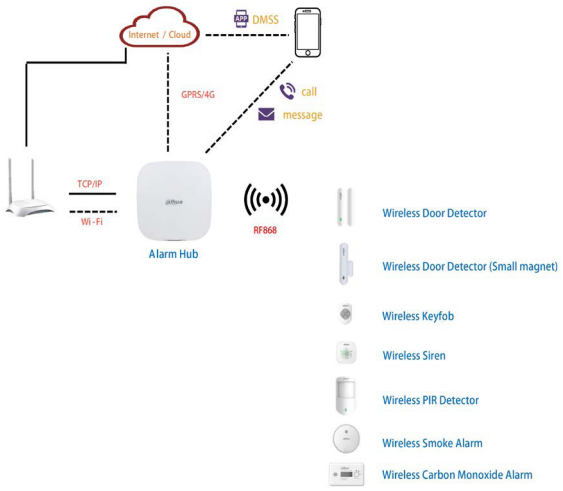
Working Principle	
Collection Type	Carbon Monoxide (CO)
Sensor Type	Electrochemical
Alarm	
Alarm Type	CO alarm, fault warning, low battery warning
Alarm Volume	Over 85dB (A) at 3 m (9.84 ft)
Alarm Mode	Visual and audible alarm
Silence Function	Support
Silence Duration	About 45 seconds
Alarm Response Threshold	50 ppm: 60 min–90 min 100 ppm: 10 min–40 min 300 ppm: < 3 min
Wireless	
Carrier Frequency	868 MHz
Communication Distance	Up to 1000 m (3280.84 ft) in an open space
Frequency Hopping	Yes
Encryption Mode	AES128

Basic Parameters	
Display	LCD
Indicator Light	LED (red/yellow/green)
LED Instruction	Alarm: Red indicator Fault: Yellow indicator Power: Green indicator
Power Supply	
Battery Life	3 years
Power Source	3V CR123A lithium battery (replaceable)
Operating Current	Monitoring Current: ≤20uA Alarm Current: ≤10mA
Operating Ambient	
Operating Environment	Indoor use only
Operating Temperature	–10°C to +40°C (+14°F to +104°F)
Operating Humidity	≤95% RH (non condensing)
Appearance	
Color	White
Material	PC + ABS
Dimensions	116.4 mm × 71.7 mm × 28.3 mm (4.58" × 2.82" × 1.11")
Weight	125 g
Installation	Wall Mount
Certification	
Certifications	TÜV and CE listed
Compliance Standard	EN 50291-1:2018, EN 50291-2:2019

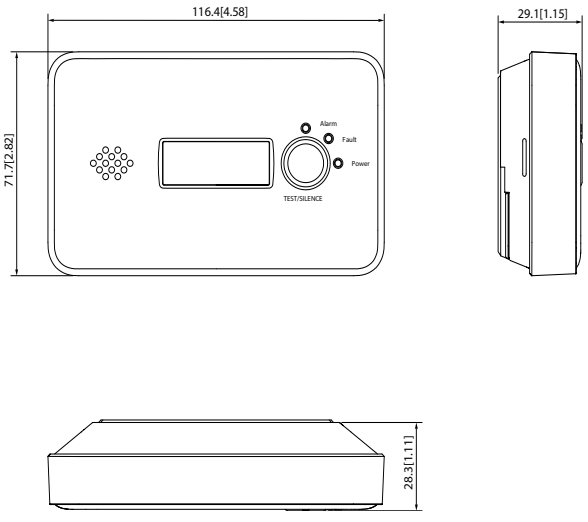
Installation



Application (mm/inch)



Dimensions (mm/inch)



Ordering Information

Type	Part Number	Description
Alarm	DHI-HY-GC21B-W2(868)	Wireless Carbon Monoxide Alarm

Rev 001.001

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