

DHI-HY-GC2FC

WiFi Carbon Monoxide Alarm (Type A)



- High-performance electrochemical CO sensor to deliver accurate detection of carbon monoxide leakage and respond quickly
- Long standby time, low power consumption, 3-year battery life
- Temperature and humidity measurement: Display current temperature and humidity alternately without the presence of CO
- Screen display: Blue backlight function is user-friendly to read information
- 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
- Notifications can be sent to your mobile phones through wireless network

System Overview

WiFi Carbon Monoxide Alarm (Type A) (hereinafter referred to as the device) responds quickly with high sensitivity, stable performance and low false alarms when there is too much Carbon Monoxide in the air. This device is able to measure carbon monoxide levels as low as 30 ppm using the high quality sensor. The multi-functional LCD screen displays the temperature and humidity in standby mode, and the carbon monoxide concentration in alarm mode. Once the ambient carbon monoxide concentration reaches the alarm value, the device sounds a loud 85dB alarm and the LED flashes rapidly, alerting users to take immediate action.

This device is certified in accordance with the latest European standard EN 50291-1:2018/AC:2021 for carbon monoxide detectors.

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

Technical Specification

Silence Function	Support
Silence Duration	≤300PPM: About 9 minutes >300PPM: Silence is not supported
Alarm Response Threshold	50 ppm: 60 min–90 min 100 ppm: 10 min–40 min 300 ppm: < 3 min

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 CR17450A lithium battery (non-replaceable)
Operating Current	Standby Current: ≤20uA Alarm Current: >20mA

Operating Ambient

Operating Environment	Indoor use only
Operating Temperature	–10°C to +55°C (+14°F to +131°F)
Operating Humidity	≤95% RH (non condensing)

Environmental Measurement

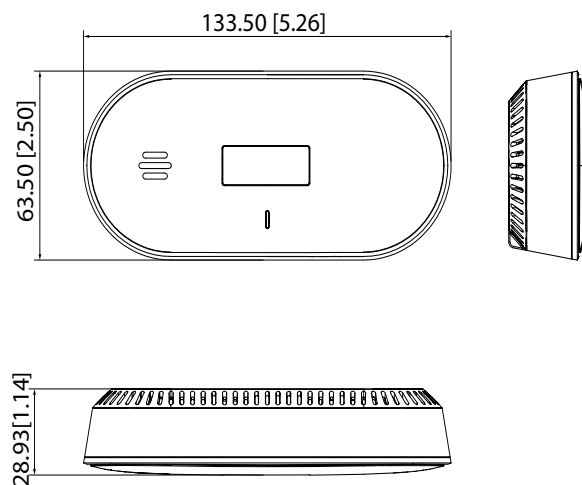
Temperature Accuracy	±0.1°C typical
Humidity Accuracy	±1.5%RH typical

Appearance

Color	White
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Technical Specification

Material	PC + ABS
Dimensions	133.5 mm × 63.5 mm × 28.9mm (5.26" × 2.50" × 1.14")
Weight	123 g (0.28lb)
Installation	Wall mount/free standing
Certification	
Certifications	CE,PSTI

Dimensions (mm/inch)**Ordering Information**

Type	Model	Description
Carbon Monoxide Alarm	DHI-HY-GC2FC	WiFi Carbon Monoxide Alarm (Type A)

Installation