

DHI-HY-GC30A

Standalone Carbon Monoxide Alarm



- High-performance electrochemical CO sensor to deliver accurate detection of carbon monoxide leakage and respond quickly
- Long standby time, low power consumption, 10-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

System Overview

The Carbon Monoxide Alarm (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.

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 9 minutes |
| Alarm Response Threshold | 50 ppm: 60 min–90 min 100 ppm: 10 min–40 min 300 ppm: < 3 min |

Technical Specification

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 | 10 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 +40°C (+14°F to +104°F) |
| Operating Humidity | ≤95% RH (non condensing) |

Environmental Measurement

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

Appearance

| | |
|--------------|---|
| Color | White |
| 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 |

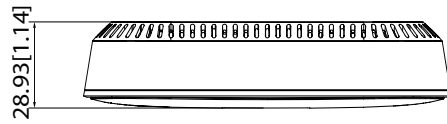
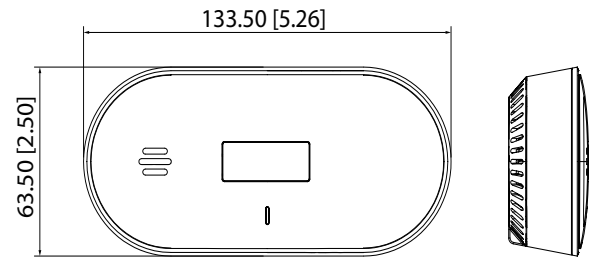
Technical Specification

Certification

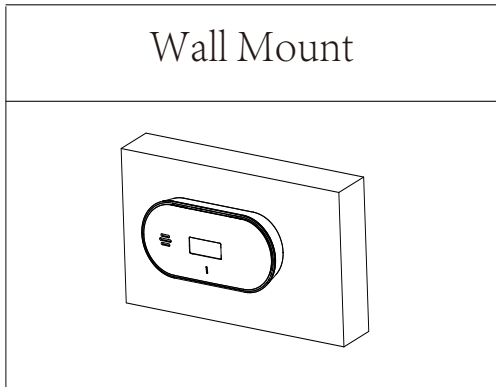
Certifications

TUV, CE, UKCA, RCM

Dimensions (mm/inch)



Installation



Ordering Information

| Type | Model | Description |
|-----------------------|--------------|----------------------------------|
| Carbon Monoxide Alarm | DHI-HY-GC30A | Standalone Carbon Monoxide Alarm |