

DHI-HY-C102-4

Conventional Fire Alarm Control Panel



- 90VAC to 270VAC main power supply ensures the stable operation
- 4 dry contacts make connection flexible
- Ethernet interfaces enables communication with IoT platform
- RS-485 interface contributes to convenient integration
- Record and export capacity of historical events for each of fire, fault and operation

System Overview

DHI-HY-C102-4 Conventional Fire Alarm Control Panel is designed and manufactured in compliance with EN54 Parts 2 & 4 requirements. As the core of conventional fire alarm system, it cooperates with smoke detectors, heat detectors, sounder strobes, and manual call points to construct a fire alarm control system. With Ethernet, RS-485, and other IoT interfaces, it can integrate with other panels and connect to platforms.

Functions

Alarm Function

After receiving alarm signals from detectors or manual call points, it will promptly send visual and audible alarm signals, output fire alarm, start remote fire bell and sounder strobe.

Platform Access

With built-in Ethernet interface, it can connect with platform to enable IoT communication.

System Linkage

Built-in RS-485 interface supports panel linkage.

Data Output

The system saves fire alarm records and simulation records, outputs and analyzes the data.

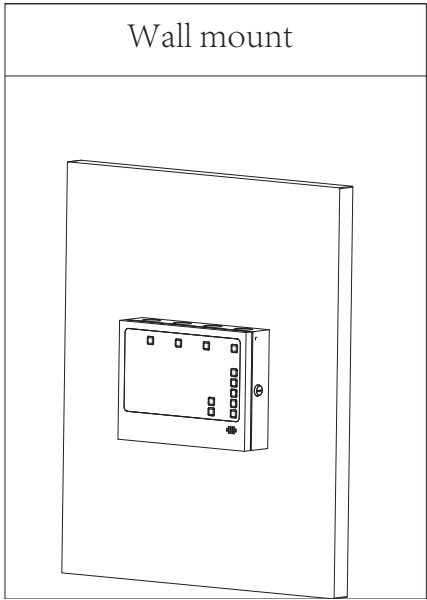
Scene

It is suitable for residential and industrial buildings such as hotels, shopping malls, hospitals, office buildings, schools, banks, libraries, factories, and warehouses.

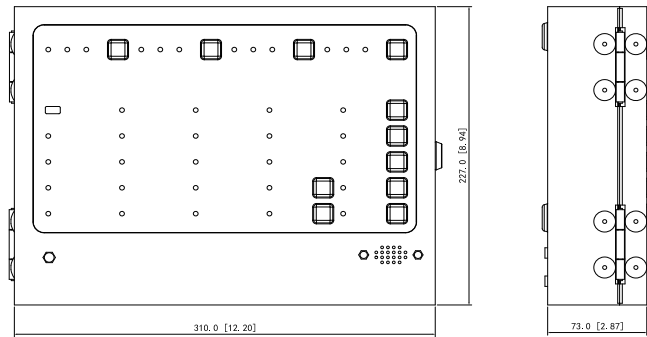
Technical Specification

Number of Zones	4
Zone Capacity	32 detectors per zone
Main Power	AC90-240V/50Hz, 60Hz
Backup Power	2 lead-acid batteries (12V/2.5Ah each)
Output Current	2A
Sounder Output	Fault: 50dB Alarm: 60dB
Fire Bell Output	DC 28V/500mA
Dimensions	310.0 mm×73.0 mm×227.0 mm (12.20" × 2.87" × 8.94")
Weight	3.5 kg 5 kg (with 2 batteries)
Operating Temperature	−10°C to +50°C (+14°F to +122°F)
Operating Humidity	≤ 95% RH (no condensation)
Protection Grade	IP30
Installation	Wall mount
Compliance Standard	EN54-2, EN54-4

Installation



Dimensions (mm/inch)



Ordering Information		
Type	Part Number	Description
Conventional Fire Alarm Control Panel	DHI-HY-C102-4	Conventional Fire Alarm Control Panel