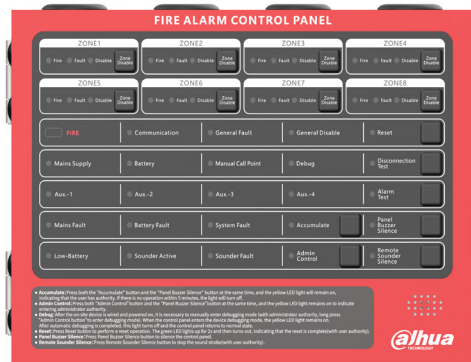


# DHI-HY-C102-8-FRED

## Conventional Fire Alarm Control Panel (8 Zones)



- 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-C102-8-FRED Conventional Fire Alarm Control Panel is 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.

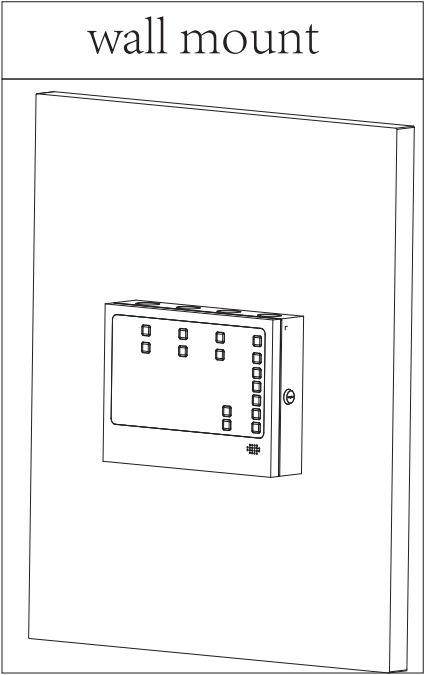
### Scene

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

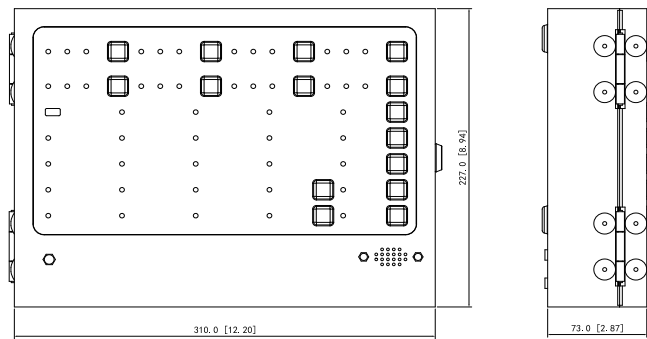
### Technical Specification

|                       |  |
|-----------------------|--|
| Number of Zones       | 8  |
| Zone Capacity         | 25 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<br>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<br>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   |

Installation



Dimensions (mm/inch)



| Ordering Information                  |                    |   |
|---------------------------------------|--------------------|---|
| Type                                  | Model              | Description                                     |
| Conventional Fire Alarm Control Panel | DHI-HY-C102-8-FRED | Conventional Fire Alarm Control Panel (8 Zones) |