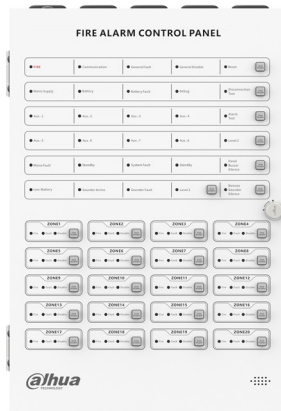


DHI-HY-CFP2020

Conventional Fire Alarm Control Panel



- Self-checking: Regular checks ensure functionality and notify users of issues
- Global monitoring: Supports multiple fire detectors and triggers instant alerts
- High scalability: Supports scalable cascading solutions to enhance coverage capability
- Easy installation: Easy installation without complex coding; quick setup suitable for non-professionals
- Power management: Ensures smooth main-backup power transition and alerts for low backup battery
- AIOT solution: Enables access to the Wisualarm cloud platform for seamless, one-stop monitoring and management
- Designed in accordance with EN54-2 and EN54-4 standards

System Overview

The Conventional Fire Alarm Control Panel meets EN54 Parts 2 & 4 standards, offering advanced features and user-friendly installation. It serves as the core of a fire alarm system, working with devices like smoke and heat detectors, sounder strobes, and manual call points. With Ethernet, RS-485, and IoT ports, it integrates easily with other panels and platforms.

Functions

Perfect compatibility

Compatible with third-party detectors and alarm devices, this panel connects to bus-type detectors and facilitates information exchange between the panel and the detectors.

Polarity-free Design

The installation utilizes a two-wire, polarity-free way, making it easier for installers to deploy and maintain the system while minimizing wiring issues.

Convenient operation

Equipped with simple indicator lights and operation buttons, making it easy for users to perform daily operations and maintenance.

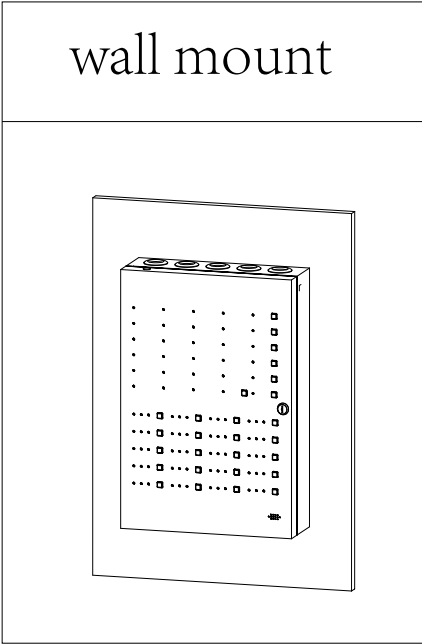
Scene

It is suitable for small businesses, personal studios, warehouses, convenience stores, supermarkets, and compact living spaces like residences and apartments.

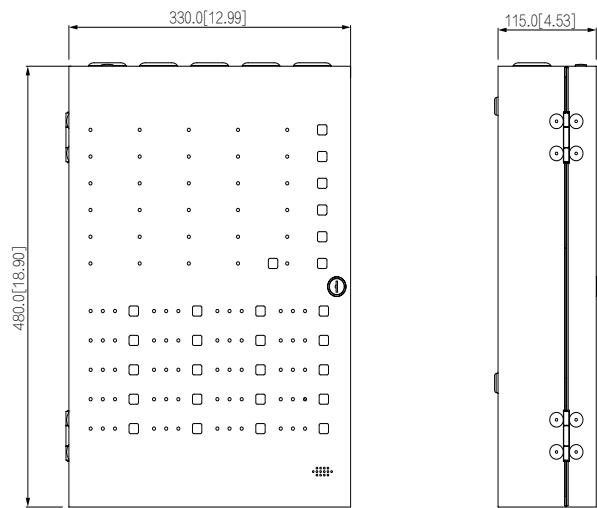
Technical Specification

Number of Zones	20
Zone Capacity	25 detectors per zone
Main Power Supply	AC 100-240V/50Hz, 60Hz
Backup Power Supply	2 lead-acid batteries (12V/7Ah each)
Zone Current	70mA
Bell Current	500mA
Fire Alarm Terminal	NO/NC
Fire Fault Terminal	NO/NC
Rated Power	84W
Working Voltage	DC28V
Communication Distance	1500 m
Max Cascade	128
Dimensions	330.0 mm×115.0 mm×480.0 mm (12.99" × 4.53" ×18.90")
Weight	11.15 kg (with battery), 6.65 kg (without battery)
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Operating Humidity	≤ 95% RH (no condensation)
Protection Grade	IP30
Installation	Wall mount
Compliance Standard	EN54-2,EN54-4 (applying)

Installation



Dimensions (mm/inch)



Ordering Information		
Type	Model	Description
Conventional Fire Alarm Control Panel	DHI-HY-CFP2020	Conventional Fire Alarm Control Panel (without battery)
Conventional Fire Alarm Control Panel	DHI-HY-CFP2020B	Conventional Fire Alarm Control Panel (with battery)