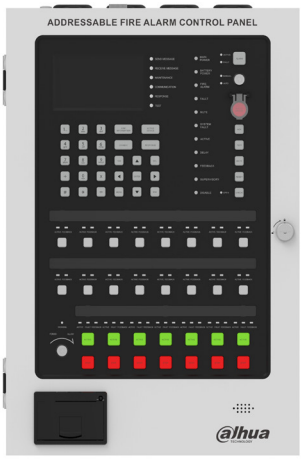
DHI-HY-1025

Addressable Fire Alarm Control Panel with Printer



- Two-wire and polarity-free: The system loop line adopts two-wire and polarity-free communication power supply technology without external power supply. Strong anti-interference, convenient wiring, improved system reliability and stability, easy construction and installation, reduced project cost, and convenient later stage maintenance
- Intuitive display: 480 × 272 4.3'' LCD screen provides a highly intuitive interface, allowing the user to fully setup the system without the need of any external tool
- Ultra-long history record: Save historical events for a long time that can be inquired and printed in various ways such as time and type
- Intelligent power supply: With automatic switching between the main and backup power and the charging and discharging functions, it ensures the stable power supply of the system to the greatest extent
- Protection design: Short circuit, open circuit and overcurrent protection to ensure stable operation.

System Overview

Addressable Fire Alarm Control Panel with Printer is designed to provide early warning fire detection, display fire information and inform people to evacuate. With two-wire and polarity-free technology, it connects with other mated products to construct a fire alarm control system. This system offers flexibility in both design and operation to meet the demands of various projects.

Functions

Flexible Connection
Standard network port, directly connect to platform.

Fast Response
Report alarm within 1 second.

Low Consumption
Ultra-low consumption, low-carbon, and eco-friendly.

Scene

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

Ordering Information

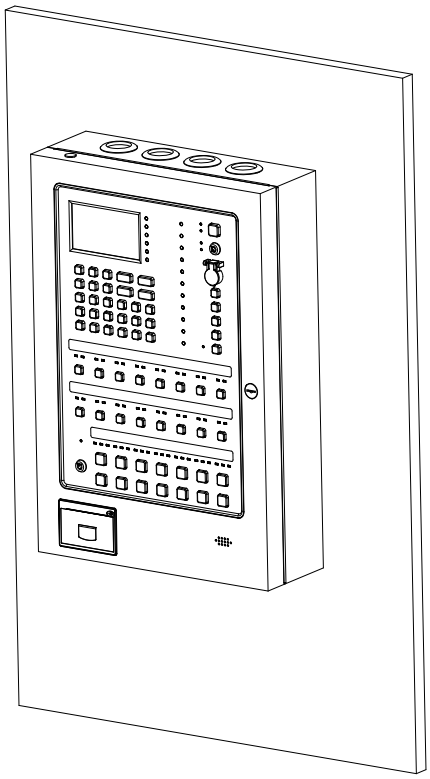
Type	Part Number	Description
Addressable Fire Alarm Control Panel	DHI-HY-1025	Addressable Fire Alarm Control Panel with Printer

Technical Specification

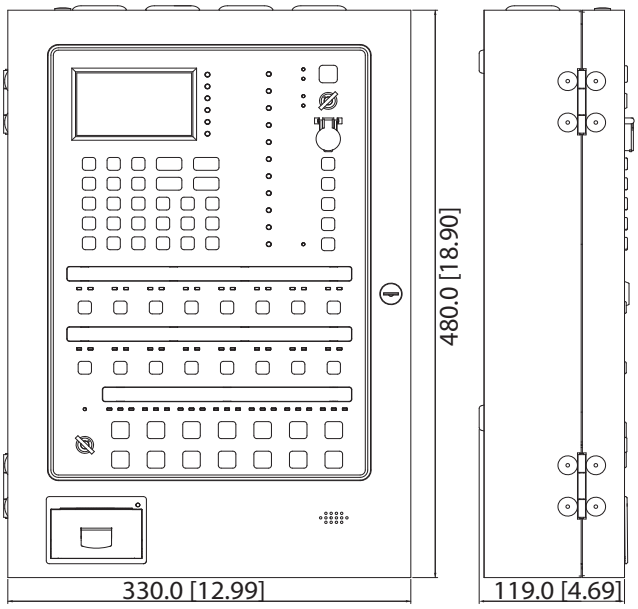
Electrical

Working Voltage	DC 12V~48V
System Capacity	Maximum capacity is 508 field devices. In actual projects, suggest 500 field devices
Loop Number	2
Main Power	AC90-240V/50Hz, 60Hz
Backup Power	2 lead-acid batteries (12V/5Ah each)
Display	480 × 272 4.3'' LCD screen
Printer	Micro thermal printer
Dimensions	333.0 mm×115.0 mm×480.0 mm (13.11" × 4.53" × 18.90")
Operating Temperature	–10°C to +40°C (+14°F to +104°F)
Operating Humidity	≤ 95% RH (no condensation)
Protection Grade	IP30
Weight	7 kg 10 kg (with 2 batteries)
Compliance Standard	EN54-2, EN54-4

Installation



Dimensions (mm/inch)



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