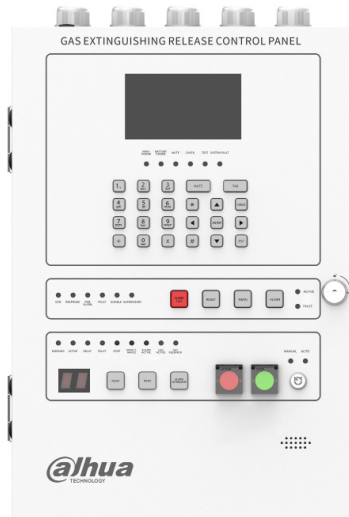


DHI-HY-1601

Gas Fire Extinguishing Controller



- Single area extinguishing panel
- 4.3" LCD color screen
- Approved CE certification
- 3 configurable user passcodes
- Secure Event Logging 5120 events
- Fire Alarm Event Logging 10000 events
- Countdown timer displays time remaining until release
- Ultra-low power consumption, with monitoring current in the μ A range

System Overview

The gas fire suppression controller is the central component of the gas fire suppression control system. It features the capability to manage fire suppression for two distinct fire protection zones simultaneously. Additionally, it is equipped with networking functionality, allowing it to integrate seamlessly with the Dahua fire alarm system.

Functions

System Protection Design

DHI-HY-1601 is designed with EMC protection and incorporates short circuit, open circuit, and overload protection features, thereby ensuring enhanced stability during operation.

Event Log

DHI-HY-1601 provides a log of all events on the panel from fire alarms, faults, operations etc. Event are logged by time and date, and can be downloaded by USB.

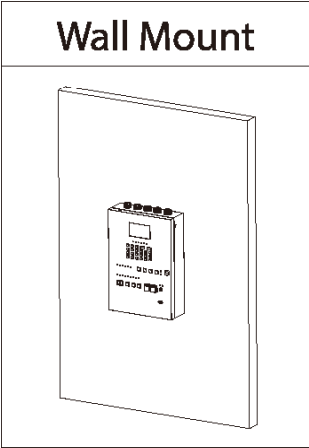
Scene

It is primarily suitable for locations where water-based suppression systems are not advisable, such as computer rooms, libraries, and archives.

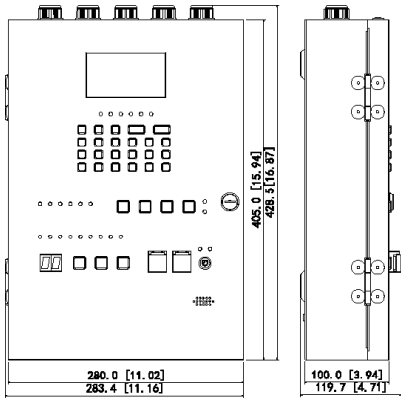
Technical Specification

Operating Voltage	AC100-240V/50~60Hz
Rated Power	84W
Output Voltage	Rated output voltage of the bus: DC24V Driving capacity for single-zone solenoid valve: DC24V/2A
Coding Range	Electronic coding can be set arbitrarily between 1 and 254
Communication Distance	≤ 1500 m (4921.26 ft)
Backup Power Supply	2 pieces of 12V/2.5Ah lead-acid batteries
Load Capacity	1 gas extinguishing zone, fire alarm bus can support 64 node devices, gas extinguishing bus can support 64 node devices
Storage Capacity	9999 historical records
Communication Mode	Two-wire bus
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Storage Temperature	-20°C to +65°C (-4°F to +149°F)
Operating Humidity	≤ 95% RH (no condensation)
Dimensions	L × W × H: 280.0 mm × 100.0 mm × 405.0 mm (11.02" × 3.94" × 15.94")
Weight	8.2 kg (18.08 lb)
Installation	Wall mount
Certifications	CE

Installation



Dimensions (mm/inch)



Ordering Information

Type	Model	Description
Addressable	DHI-HY-1601	Gas Fire Extinguishing Controller