

DHI-HY-1420

Addressable Output Module



- Convenient wiring: Two-wire, polarity-free
- Reliable communication: Built-in microprocessor, stable performance
- Ultra-low power consumption: Ultra-low monitoring current and operating current
- Simple installation: With a plug-in structure, easy to install and construct

System Overview

DHI-HY-1420 Addressable Output Module is a mated product of the Addressable Fire Alarm Control Panel, regulating the normal operation of background music and emergency broadcast. The module receives activation commands from the Fire Alarm Control Panel and activates its output accordingly.

Functions

Output control

With two sets of normally open clean contacts, it provides passive output contacts that can control other external equipment directly.

Output check mode

Output check mode is available. Enable Output Check Mode by default.

Scene

It is suitable for places with automatic fire alarm systems, fire emergency broadcasting systems, and background music systems, such as shopping malls, hotels, schools, factories and other civil or industrial buildings.

Technical Specification

Electrical

Working Voltage	24V DC
Current	Monitoring current: $\leq 150\mu\text{A}$ Operating current: $\leq 8\text{mA}$
Capacity of the Output Contact	30V DC@1A
Indicator	Red indicator flashes once every 6 seconds, and flashes once every 2 seconds when malfunctioned

Communication

Wiring	Two-wire, polarity-free
Addressing Method	Electrical encoder
Address Range	1–254
Communication Distance	$\leq 1500\text{ m}$

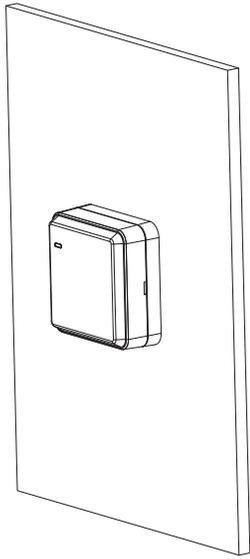
Environment

Operating Temperature	-10°C to $+55^{\circ}\text{C}$ ($+14^{\circ}\text{F}$ to $+131^{\circ}\text{F}$)
Storage Temperature	-20°C to $+65^{\circ}\text{C}$ (-4°F to $+149^{\circ}\text{F}$)
Operating Humidity	$\leq 95\%$ RH (no condensation)

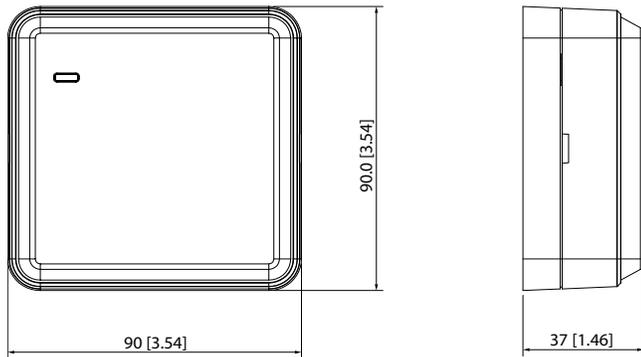
Construction

Color	White
Dimensions (with base)	$\Phi 90\text{ mm} \times 90\text{ mm} \times 37\text{ mm}$ ($\Phi 3.54" \times 3.54" \times 1.46"$)
Weight (with base)	117 g (0.26 lb)
Certification	GB16806-2006

Installation



Dimensions (mm/inch)



Ordering Information

Type	Part Number	Description
Addressable Output Module	DHI-HY-1420	Addressable Output Module
Accessories	DHI-HY-MKDZ2	Input/Output Module Base