

DHI-HY-C133

Conventional Smoke Detector



- Four-wire, polarity-free realizes convenient wiring
- BLC algorithm automatically adjusts alarm threshold based on the smoke in the chamber, extending cleaning cycle and providing easier maintenance
- Non-loosening screws on base terminal for easy installation
- Contacts material is highly acid-resistant and rust-resistant

System Overview

DHI-HY-C133 Conventional Smoke Detector is a mated product of the Conventional Fire Alarm Control Panel. Integrated with four-wire and polarity-free technology, this detector analyzes ambient smoke concentration through a dual photoelectric smoke sensing chamber.

Functions

Built-in buzzer

With a built-in buzzer, the detector sends out audible alarm when a fire occurs.

Dual photoelectric smoke sensing chamber

The smart algorithm of automatic compensation against dust concentration helps adjust alarm threshold, prolong cleaning cycle of chamber, and offering a convenient maintenance.

Non-addressable

Without encoding, easy debugging and operating.

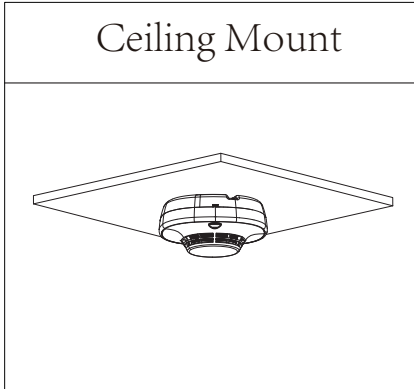
Technical Specification

Working Voltage	DC 9V-28V
Current	Standby current: $\leq 350\mu\text{A}$ Alarm current: $\leq 100\text{mA}$
Alarm Mode	Visual and audible alarm
Coverage Area	$H \leq 4\text{ m (13.12 ft)}$: 150 m^2 $4\text{ m (13.12 ft)} \leq H \leq 12\text{ m (39.37 ft)}$: 80 m^2
Operating Temperature	-10°C to $+55^{\circ}\text{C}$ ($+14^{\circ}\text{F}$ to $+131^{\circ}\text{F}$)
Operating Humidity	$\leq 95\%$ RH (no condensation)
Dimensions (with base)	$104\text{ mm} \times 103.6\text{ mm} \times 46\text{ mm}$ ($4.09" \times 4.08" \times 1.81"$)
Weight (with base)	122 g (0.27 lb)
Installation	Ceiling Mount

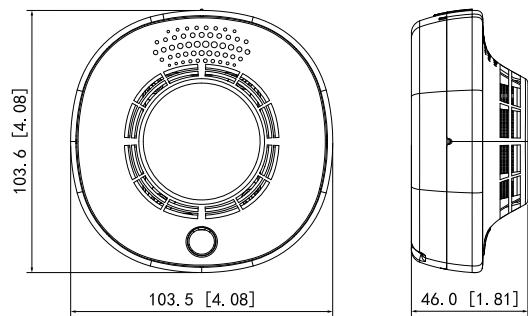
Scene

It is suitable for apartments, hotels, teaching buildings, office buildings, banks, libraries, warehouses, computer rooms, communication machine rooms, archives, and other industrial and civil buildings.

Installation



Dimensions (mm/inch)



Ordering Information

Type	Part Number	Description
Conventional Smoke Detector	DHI-HY-C133	Conventional Smoke Detector