

2 Wire Addressable Smoke Alarm Smart for Fire Safety in Commercial Industrial and Residential Properties

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CE
- Model Number: CA9001
- Minimum Order Quantity: 1PCS
- Price: negotiable
- Packaging Details: 100pcs/carton
- Delivery Time: 3 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 100000PCS/Month



Product Specification

- Monitor Current: $\leq 300\mu A$
- Types: Smoke Alarm
- Connected: Loop Bus
- Wired: 2-Wired, Non-polarized
- Work Voltage: DC17V DC33V
- Working Voltage: DC24V
- Customization: Available | Customized Request
- Installation: Ceiling Mounting
- Highlight: **2 Wire Addressable Smoke Alarm, Commercial Addressable Smoke Alarm, Industrial Addressable Smoke Alarm**



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Product Description

2 Wire Addressable Smoke Alarm For Fire Safety And Fire Protection System



Introduction

An addressable smoke alarm is a specialized smoke detection device that is part of an addressable fire alarm system.

Unique Address:

Each addressable smoke alarm is assigned a unique identifier or address within the fire alarm system.

This unique address allows the central control panel to pinpoint the exact location of the activated smoke alarm.

Smoke Detection:

The addressable smoke alarm contains one or more smoke sensors that continuously monitor the air for the presence of smoke particles. These sensors are designed to detect smoke quickly and accurately, triggering an alarm signal when smoke levels exceed a preset threshold.

Alarm Reporting:

When the addressable smoke alarm detects smoke, it sends a digital signal to the control panel, indicating the activation and its unique address. The control panel can then immediately identify the location of the triggered alarm, enabling a targeted and efficient emergency response.

Supervisory Functions:

Addressable smoke alarms are equipped with self-diagnostic capabilities, allowing them to monitor their own internal components and report any issues to the control panel. This includes detecting problems such as a low battery, sensor malfunction, or communication failure.

Notification Appliances:

Many addressable smoke alarms are integrated with notification appliances, such as audible alarms (e.g., sirens) and visual indicators (e.g., strobe lights).

When the smoke alarm is triggered, it can activate these notification appliances to alert building occupants of the fire emergency.

Integration with Control Panel:

Addressable smoke alarms are designed to seamlessly integrate with the fire alarm control panel, which acts as the central command and monitoring center for the entire system.

The control panel can receive status updates, issue commands, and coordinate the response of the connected smoke alarms and other fire alarm devices.

Customizable Settings:

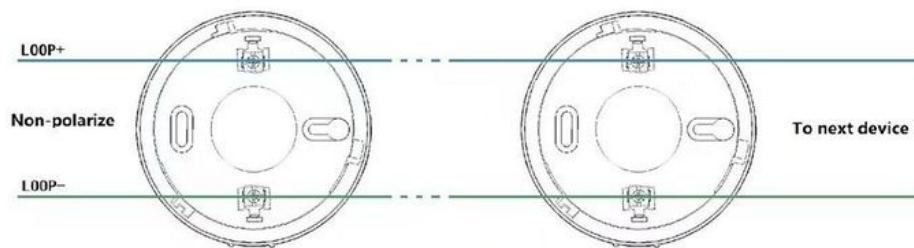
Some addressable smoke alarms offer adjustable sensitivity settings, allowing the system administrator to fine-tune the alarm's sensitivity based on the specific environment and occupancy.

This helps reduce the likelihood of false alarms while maintaining effective smoke detection.

Parameters

Product name	Smoke Alarm Detector	Type	Addressable
Loop Bus wired	2-wire Non-polarized	Monitor Current	≤300uA
Alarm Current	≤2mA	Dimension	Φ85*52 mm
Work voltage	DC17V DC33V	Operating Environment	Temperature -10°C~+50°C Humidity ≤95%.
Weight	Weight:93g(with base)	Certification	CE

Connection between Detector



Wiring diagram of detector

Product range

Conventional Fire Alarm System
Addressable fire alarm system
Gas Extinguishing control system
Beam Detector
4 wire smoke detectors with relay output.
2 wire Conventional smoke and heat detectors
Explosion-proof flame detector for fire alarm system
Standalone smoke detectors and combustible gas detector

Service

1. OEM &ODM service.
2. Provide technical support and after-sale service.
3. 1 year warranty.
4. Normally 15 working days lead time.
5. Welcome sample order.



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