

## EN54 2 Wire Smoke Alarm

Our Product Introduction

for more products please visit us on [xhafiresafety.com](http://xhafiresafety.com)

### Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CE
- Model Number: YT102
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: 100pcs/carton
- Delivery Time: 3 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10000PCS/Month



### Product Specification

- Product Type: Smoke Alarm
- Certification: EN54
- Adjustable Sensitivity:  $1.06 \pm 0.26\%FT$
- Sound Level:  $\geq 90dB$
- Wired: 2 Wire
- Application: Fire Security System
- Specification: D103mm, H55mm
- Highlight: EN54 2 Wire Smoke Alarm,  
CE 2 Wire Smoke Alarm,  
OEM 2 Wire Smoke Alarm



## Product Description

### EN54 2 Wire Smoke Alarm For Conventional Fire Alarm System



### Introduction

The device is photoelectric detector uses a state of-the-art optical sensing chamber. This detector is designed to provide open area protection and to be used with most conventional fire alarm control panel. Two LEDs on each detector provide local 360° visible alarm indication. They flash every 3~5 seconds indicating that power is applied and the detector is working properly. The LEDs latch on in alarm. LEDs will be off when a trouble condition exists indicating that the detector sensitivity is outside the listed limit. The alarm can be reset only by a momentary power interruption.

### Parameters

Product Name	Smoke Alarm	Rated operational voltage	9 to 28VDC Volts Non-polarized
Adjustable Sensitivity	1.06±.26%FT	Static current	≤40μA @ 24 VDC
Alarm current	≤30mA @ 24 VDC	Work temperature	-10°C~+50°C
Certification	EN54	Humidity	≤95%.
Size	103*103*55mm	Weight	155g

### Feature

Conventional Smoke Detector, Operates by Advanced MCU Expert Algorithm Software.

Key Specifications/Special Features

They work perfectly with all conventional intelligent fire control panels

Dual LEDs for 360-degree visibility

Advanced MCU Expert Algorithm Software.

Easy installation and maintenance

Durable sensor head, no need for replacement

SMD circuit board design-satisfactory quality and reliability guaranteed

## Installation

**IMPORTANT:** The detector must be tested and maintained regularly following NFPA 72 requirements. The detector should be cleaned at least once a year.

### INSTALLATION

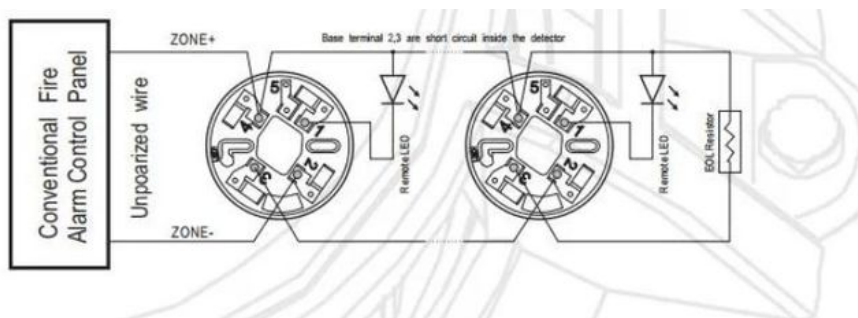
**NOTE:** All wiring must conform to applicable local codes, ordinances, and regulations.

**NOTE:** Verify that all detector bases are installed, that the initiating-device circuits have been tested, and that the wiring is correct.

**Remove power from initiating-device circuits before installing detectors.**

1. Wire the sensor base per the wiring diagram, Figure 1.
2. Install the sensor into the sensor base. Push the sensor into the base while turning it clockwise to secure it in place.
3. After all sensors have been installed, apply power to the control unit.
4. Test the sensor(s) as described in the TESTING section of this manual.
5. Notify the proper authorities that the system is in operation.

**Warning:** Forbid connect 24VDC directly without current-limiting resistance. Otherwise, the detector would be burnt out.



## 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.



Shenzhen Xinhe'an Technology Co., Ltd.



+8615986702194



Claire.tian@xinheantech.com



xhafiresafety.com

406, Jude Building, Zhengfeng South Road, Fuyong Street, Bao'An District, Shenzhen City, Guangdong Province.  
China, 518103