



Shenzhen Xinhe'an Technology Co., Ltd.

xhfiresafety.com



## Professional LPCB Certified TX7130 Reflective Optical Beam Smoke Detector – 1000 Ultra-Wide Coverage for High-Sensitivity Fire Detection in Large Industrial Spaces

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: TANDA
- Certification: LPCB
- Model Number: TX7130
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: 61\*54\*31CM
- Delivery Time: 7 Working days
- Payment Terms: T/T, Western Union,
- Supply Ability: 1000PCS/Month

Optical Beam  
Smoke Detector

ODM/OEM

LBCP

5-100m



#### Product Specification

- Certifications: LPCB
- Type: Infrared Beam Detector
- Application: Conventional/addressable Fire Alarm System
- Power Supply: DC24V
- Detector Type: Reflective Beam Smoke Detector
- Output: Relay Output: 1A DC24V
- Installation: Ceiling Or Wall Mount
- Transport Package: Carton
- Operating Temperature: -10 To 50 Degrees Celsius
- Path Length: 5-100m
- Humidity Range: 0-95% Non-condensing



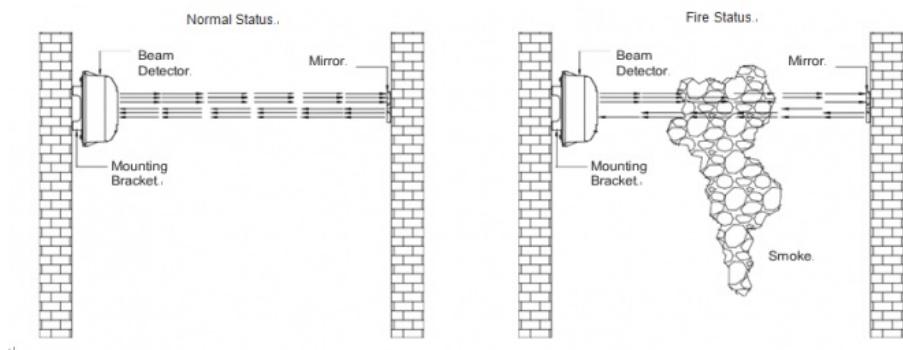
### Product Description

LPCB Certification TX7130 Reflective Optical Beam Smoke Detector For High-Performance Fire Detection



### Introduction

The TX7130 reflective optical beam smoke detector incorporates a light transmitter and the detector on the same unit. The light path is created by reflecting light emitted from the transmitter off a retro- reflector, meaning it is reflecting light back to its source with a minimum of scattering, which is placed opposite the detector. In a fire, when smoke falls within the path of the beam detector, some of the light is absorbed or scattered by the smoke particles. This creates a decrease in the received signal, leading to an increase in optical obscuration. This unit decodes or analysts received signals and compare to the pre-programmed algorithm stored on the processor. Through this algorithm the detector will decide whether fire is defined or not and lead to enablement the corresponding relays and LED indicators. The unit on the operating mode maintaining continually emitting light, care should be taken that the activities in the space do not obstruct the beam or move the device to avoid false operation of the detector



### Specifications

Operating Voltage 20 V to 28 V DC

Current Parameters Standby: 23mA Commission: 56mA Alarm: 33mA

Beam Sensor Sensitivity [via Encoder] Level 1: 2.6 dB High Sensitivity

Level 2: 3.8 dB Medium Sensitivity

Level 3: 5.8 dB Low Sensitivity  
Beam Pathway Length [via Encoder] Span 1: 8 to 20 meters Limited Path  
Span 2: 20 to 40 meters Short Path  
Span 3: 40 to 70 meters Normal Path  
Span 4: 70 to 100 meters Long Path  
Beam Path Angle  $\pm 0.4^\circ$  Directional (This data takes the average of the left and right deflection angles.)  
Alignment Guide Laser Beam Pointer  
Digital Display Guide Nixie Tube  
LED Indicator Guide Red: Fire ; Yellow: Fault ; Green: Alignment  
Reset Time Less than 2 Second  
Relay Capacity [Fire & Fault] Normally Open & Close/ 2.0 A; 30 VDC  
Material / Colour ABS / White  
Dimension / Weight L:190.87 x W:126.87 x H:91.96 mm / 440 gm  
Weight 0.130 Kg with base  
Operating Temperature -10°C to +50°C  
Ingress Protection Rating IP30 [IP66 glue seal-For permanent fixing  
Humidity 0 to 95% Relative Humidity, Non condensing

## 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 combustable 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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