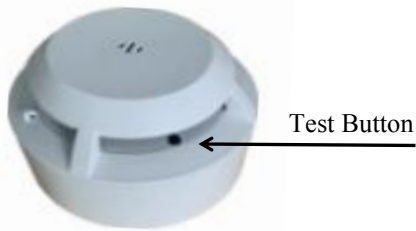## PRODUCT INTRODUCTION

This product named Photoelectric smoke detector (hereinafter called detector) detects the smoke by a couple of infrared diodes. The principle of detecting is granule in the smoke can reflect infrared light. Infrared diodes are placed in the special chamber. The chamber can shield external light, but doesn't affect the smoke into it. While there is no smoke, the diode can receive very weak infrared light. When the smoke entering the chamber, diode can receive more and more light, and the detector can give out alarm signal when the smoke attains the certain density. In order to reduce the interference and lower power consumption, the emitting circuit adopts the pulse signal.

PRODUCT PROFILE

Test Button

LED INFORMATION

● Power Indicator: LED flashes in Green
● Alarm Indicator:LED flashes in Red
● Failure Indicator:LED flashes in Yellow

PRODUCT FEATURE

The detector works once connected to DC or AC power directly. Operation Indicator flashing signifies detector working normally and Alarming Indicator on signifies detector alarming. Built-in a couple of output contact, contact disconnect after alarm. Installing with mounting base.

● INFRARED PHOTOELECTRONIC SENSOR
● AUTO RESET
● INTELLIGENT LOGIC CONTROL
● ALARM OUTPUT: N.O/N.C
● TEST BY HAND
● NETWORK OUTPUT/LED INDICATING ALARM
● ANTI-LIGHT, MOTHPROOF,DUSTPROOF
● STRONG ADAPTABILITY FOR CIRCUMSTANCE
● SMT DESGN,HIGH STABILITY

TECHNICAL SPECIFICATION

Operating voltage: DC12-24V
                        customize: AC220V/230V
Sound level :85 decibel alarm/3M
Rated frequency:50/60HZ(AC220V)
Static current: ≤3mA@DC24V
Alarm current: ≤65mA@DC24V
Operating temperature:-10℃～+60℃
Operating humidity:≤95%RH
ANTI-RFI:10MHz～1GHz 20V/m
Alarm output:N.O/N.C
Detecting area: 80 square meter(with the installation height of 6m-12m),and 60 square meter(with the installation height less than 6m).
Sensitivity:1level
Dimension size:90(dia) * 56mm(deep)

INSTALLATION

● Connect the power line and signal line to the mounting base(1and 2 for power input, 3 and 4 for Alarm N.O /N.C Contact).
● Select proper place(normally mounted on the center of the ceiling), fix the mounting base, then put the detector into the base and turn it.

NOTICE

1. The detector can not be installed under worse environment. E.g. Coldest, hottest, dusty, do not move away the dust-proof cover untill use the detector indeed.
2. Make sure that there is no block within 0.5m from detector.
3. Keep the distance between detector and source of wind flow more than 1.5m.
4. Keep the distance between detector and wall more than 0.5m.
5. Make sure the distance between detectors be less than 15m. And the distance between detector and corner must be less than half of the one between detectors.
6. Horizontally install the detector. If have to be installed slantingly, please keep the angle less than 45degrees.
7. Please clean the detector by soft brush per six months to ensure the sensitivity and life of product. Pay attention to switch off power before clean.
8. For various reason,including, but not limited to changes in environmental condition, electric disruptions and tampering, the product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.