رؤيـــة VISION 2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

# CONVENTIONAL FIRE ALARM SYSTEM

## HIGH QUALITY PRODUCTS

# HEAT DETECTOR

## Product Introduction

This heat detect have a combination rate of rise and fixed temperature heat detection with coaxial cable, suitable to any household or commercial applications. The detector is made up of an externally mounted thermistor with a specially designed cover that protects the thermistor while allowing maximum air flow. The thermistor reads the temperature from the air it takes in and transmits a signal representing the temperature to the control IC. If the temperature reaches or exceeds the trip point, the detector is triggered. The status LED lights in red and alarm signal output.

Model:FGH-504

| CATEGORY | PARAMETER |
|---|---|
| Operating Voltage | DC 9V~35V |
| Standby Current | ≤ 50 uA |
| Alarm Current | 20~25 mA @ 12V ; 40~50 mA @ 24V |
| Alarm Indication | Red LED On |
| Alarm Output | Remote LED |
| Alarm Temperature Trip Point | Fixed Temp: 57℃ ±3℃<br>Rate-of-rise: 8~10℃ / min |
| Temperature Range | 0℃ ~+50℃ |
| Environment Humidity | ≤ 95%RH (no condensation) |
| Size | Ø 99 * 43.5mm |

# SMOKE DETECTOR

## 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. The product in accordance with the networking approach is divided into 2-wire and 4-wire detectors.

**Model:FGS-604**

| CATEGORY | PARAMETER |
|---|---|
| Operating Voltage | DC 9V~35V |
| Standby Current | ≤ 50 uA |
| Alarm Current | 20~25 mA @12V; 40~50 mA @24V |
| Alarm Indication | Red LED On |
| Alarm Output | Remote LED |
| Sensitivity | 0.08~0.16 dB/m |
| Temperature Range | 0℃~+50℃ |
| Environment Humidity | ≤ 95%RH (no condensation) |
| Size | Ø99 * 43.5mm |

# FIRE ALARM BELL

## Product Introduction

Large decibel fire alarm bell: the fire alarm bell is loud and the alarm function is strong. The volume is greater than 95dB, and the loud sound helps you stay away from danger. Stable performance: professional manufacturing, stable performance, good reliability, sturdiness and durability, long life.Beautiful and fashionable design, cost-effective and practical. Made of high-quality materials: The fire alarm bell is made of durable materials and is durable. Wide range of applications and usage scenarios: Fire alarms are installed indoors and outdoors. It is usually used as a school bell or in hotels, which is fast and convenient.

**Model:FA-400**

| CATEGORY | PARAMETER |
|---|---|
| Operating Voltage | DC 24 V |
| Working Current | ≤ 50 mA |
| Alarm SPL | ≥ 95 dB |
| Sound Type | Quarter-bell Sound |
| Temperature Range | -10℃~+50℃ |
| Environment Humidity | ≤ 95%RH (no condensation) |
| Size | 6 inch / 8 inch optional |

# MANUAL CALL POINT

## Product Introduction

This product is are alarm siren(the following we use alarm to refer it) which is the sound and light alarm equipment installing on held triggered by the are alarm controller of the are lighting control center. Once triggered,the alarm will sent out the strong signals with sound and light so that it can warn the site personnel. The alarm having strong sound and light is specially suitable for the are lighting alarm. It helps warn the people avoiding the great loss of the life and the property.

Model:FA-505

| CATEGORY | PARAMETER |
|---|---|
| Working Voltage | DC 24 V |
| Standby Current | ≤ 100 uA |
| Contact Resistance | ≤ 0.02 ohm |
| Temperature Range | -10℃~+65℃ |
| Environment Humidity | 10%~90%RH (no condensation) |
| Size | 87 * 87 * 52.5mm |

# SMOKE DETECTOR WITH SOUNDER

## 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. The product in accordance with the networking approach is divided into 2-wire and 4-wire detectors.When smoke reaches a certain concentration,buzzer will emit alarm sound to alert.

**Model:SD-615**

| CATEGORY | PARAMETER |
|---|---|
| Operating Voltage | DC 9V~35V |
| Standby Current | ≤ 80 uA |
| Alarm Current | ≤ 40 mA |
| Standby Indication | Red LED Flash |
| Alarm Sound Level | ＞80dB@1m |
| Sensitivity | 0.08~0.16 dB/m |
| Temperature Range | 0℃~+50℃ |
| Environment Humidity | ≤ 95%RH (no condensation) |
| Size | Ø99 * 54.7mm |

# SMOKE DETECTOR

## Product Introduction

This product named Photoelectric 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 don't affect the smoke into it. While have no smoke, the diode can receive very weak infrared light. When the smoke entering the detector, the diode can receive strong infrared light. Through Light-Electric signal transform, the detector can send alarm signal.

Model:SD-425

| CATEGORY | PARAMETER |
|---|---|
| Operating Voltage | DC9V Battery / DC9V Battery & AC110-220V optional |
| Standby Current | ≤ 10 uA |
| Alarm Current | ≤ 45 mA ; ≤ 75 mA (for wireless type) |
| Sensitivity | 0.08~0.16 dB/m |
| Battery Life | About 1 year |
| Indicate Alarm | Red LED flash |
| Alarm Sound Level | ≥85dB/3m |
| Alarm Type | Flash & Sound Alarm |
| Temperature Range | 0℃~+50℃ |
| Environment Humidity | ≤ 95%RH (no condensation) |
| Size | Ø142 * 40.5mm |

# REMOTE LED INDICATOR

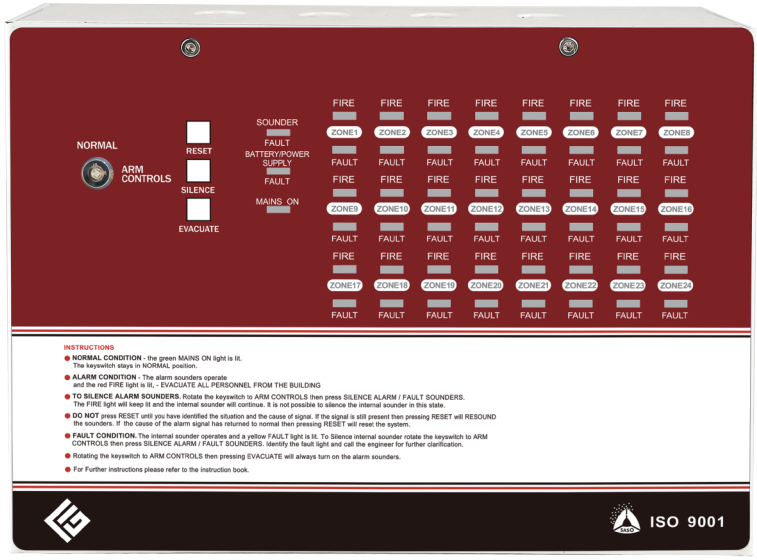
## Product Introduction

This unit is designed to ensure that alarm signal can be actually transmitted to all locations. Especially for a closed room, any fire inside can be indicate outside.
This device can be coneccted easily in fire alraming system or protection system with led light which is consume less power.

**Model:RL-01**

| CATEGORY | PARAMETER |
|---|---|
| Operating Voltage | DC3.3V / DC24V |
| Working Current | ＜10mA@DC3.3V ; 15mA@DC24V |
| Output Type | LED flash |
| Temperature Range | -10℃～+55℃ |
| Humidity Range | ≤95%RH |
| Size | 85L * 85W * 31H mm |

# FIRE ALARM CONTROL PANEL




## Product Introduction

The Fire alarm control panel is a device that automatically detects, displays, and issues fire alarms when a fire occurs to protect the object， with relay function. It is applied in modern factories, material warehouses, high-rise buildings, data centers, and other structures, playing a significant role in safeguarding people's lives and property.The fire automatic alarm system consists of triggering devices, fire alarm devices, fire alarm signal devices, power supply, and interlocking devices with other auxiliary control functions.

| | |
|---|---|
| Model: FG -Z 01 | Model: FG -Z 02 |
| Model: FG -Z 04 | Model: FG -Z 08 |

| CATEGORY | PARAMETER |
|---|---|
| Mains Supply Voltage | AC 220~230V |
| Rated Current | 130mA |
| Battery Voltage | DC 24V |
| Internal Power Supply | DC 27V |
| Total Output Current | ≤ 400mA |
| Number Of Detector Circuits | 1~24 Zones |
| Auxiliary Fire Output Type | 24V Relay |
| Alarm Output | Fire Alarm Output for Remote Alarm |
| Size | 275*200*75mm/320*238*73.5mm |

# LED EMERGENCY LIGHT

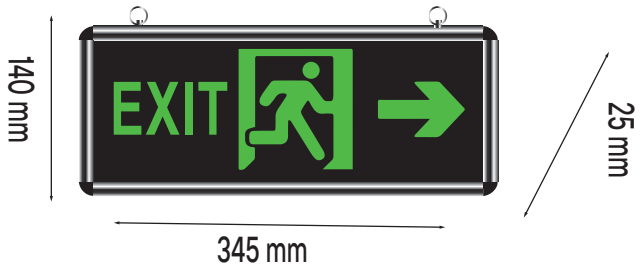
## Product Introduction

Long-Lasting Battery Backup: This emergency exit sign lamp features a 3W battery backup that provides 180 minutes of continuous lighting in case of power outages, ensuring users' safety and security. High-Efficiency LED Lighting: With a lamp luminous efficiency of 120lm/w and a color rendering index of 90, this lamp offers bright and vibrant lighting that is perfect for commercial indoor applications. Durable and Waterproof Design: Made from high-quality aluminum and acrylic materials, this lamp is IP30 rated and resistant to water and dust, ensuring its longevity and reliability.

| CATEGORY | PARAMETER |
|---|---|
| Rated Power | 3W |
| Rated Voltage | AC 175-245V; 50-60HZ |
| Battery Specifications | Nickel Battery 1.2V |
| Light Source Type | High Brightness LED green light |
| Installation | Hanging Hanging |
| Product Size | Length 355 * Width 22 * High 145MM |
| Housing Material | Aluminum + Glass panel |

# EMERGENCY SIGN LIGHT
# TM-S504

Dimensions




## Technical Data

### Module

| | |
|---|---|
| Catalogue number | TM-S504 |
| Duration Time | 2 hours |
| Operating mode | Maintained |
| Version | Manual Test |

### Details

| | |
|---|---|
| Colour | Any (customizable) |
| Output | 3 W |
| Light Source | 6 pcs LED2835 |

### Power

| | |
|---|---|
| Active power | 8W |
| Power supply | AC220, 50/60Hz |
| Dimming mode | No |

### Standards

| | |
|---|---|
| Temperature range | 10-45°C |
| Material | Aluminum+glass (glass thickness is 1.8CM) |
| IP | IP30 |

### Battery

nickel-cadmium1.2V,500mAh

### Warranty

| | |
|---|---|
| Housing | 60 months |
| Battery & PCB | 36 months |

### LED lifetime

50,000 work hours

## Features

1.CE certification

2. Warranty for 3 years

3. Customize the LOGO in small batches

4. Emergency time 2 hours, can be customized 5 hour

5. High-grade aluminum

6. Install simple hanging wall hangings

7. Customize various patterns

8. Various materials can be customized PVC

PS glass frosting white

9.4 beads 6 beads White light Green light can be customized

10.220V/110V voltage optional

11. Can customize a variety of glass colors: grass green fluorescentgreen red on white characters

# LED EMERGENCY LIGHT

## Product Introduction

Long-Lasting Battery Backup: This emergency exit sign lamp features a 3W battery backup that provides 180 minutes of continuous lighting in case of power outages, ensuring users' safety and security. High-Efficiency LED Lighting: With a lamp luminous efficiency of 120lm/w and a color rendering index of 90, this lamp offers bright and vibrant lighting that is perfect for commercial indoor applications. Durable and Waterproof Design: Made from high-quality aluminum and acrylic materials, this lamp is IP30 rated and resistant to water and dust, ensuring its longevity and reliability.

| CATEGORY | PARAMETER |
|---|---|
| Rated Power | 3W |
| Rated Voltage | AC 175-245V; 50-60HZ |
| Battery Specifications | Nickel Battery 1.2V |
| Light Source Type | High Brightness LED green light 6 lamp beads |
| Installation | Hanging Hanging |
| Product Size | Length 365 * Width 4 * Height 170MM |
| Housing Material | Aluminum + Acrylic panel |

# LED EMERGENCY LIGHT
# Emergency Luminaries
# Indoor Application
# TM-S509

Dimensions

200 mm

360 mm

Features

- Universal voltage 85-265V
- Customizable Emergency time 3-5 hours
- 2 installation methods: hanging and wall-mounting
- Whole picture printing Laser engraving
- A variety of process options:

Laser engraving Single-sided silk screen Double-sided silk screen Silk screen + engraving Double-sided hemming

- Customized various patterns
- Customized LOGO for small orders

## Technical Data

### Module

| | |
|---|---|
| Catalogue number | TM-S509 |
| Duration Time | 2 hours |
| Operating mode | Non Maintained |
| Version | Manual Test |

### Details

| | |
|---|---|
| Colour | White/green |
| Output | less than 2W |
| Light Source | 8 pcs LED |

### Power

| | |
|---|---|
| Active power | 3W |
| Power supply | AC85-265, 50/60Hz |
| Dimming mode | No |

### Standards

| | |
|---|---|
| Temperature range | 10-45°C |
| Material | Acrylic+aluminium |
| IP | IP30 |

### Battery

nickel-cadmium 1.2V,600mAh

### Warranty

| | |
|---|---|
| Housing | 60 months |
| Battery & PCB | 36 months |

### LED lifetime

50, 000 work hours

# Emergency Light

## Product Introduction

This product is an ordinary emergency lighting,
using high-quality electronic components,
with high brightness, low energy consumption characteristics.
The product can be held as a general lighting use,
can be hung as an emergency light use,
when the power is off, it will automatically light up.

Model:FG-3361C

| CATEGORY | PARAMETER |
|---|---|
| Recharging Voltage Rate | AC220V-240V |
| Battry Voltage Rate | DC 4V |
| Battery Capacity | 3x700mAH |
| Lighting Source | 60 LED |
| Duration time | ≥5 hours |
| Standard No. | Q/STLM 0016-2011 |
| Frequency range | 50-60Hz |

# شهادة مطابقة إرسالية للمنتجات المستوردة

## Shipment Conformity Certificate for imported products

نقر ونتعهد نحن (... شركة فالكون باور العالمية لاجهزة السلامة ...) بأن جميع بيانات المنتجات الموجودة في طلب الإرسالية صحيحة، وأن المنتجات مطابقة للمواصفات القياسية السعودية واللوائح الفنية ذات العلاقة. وتتعهد بتوفير أي ملفات فنية للمنتجات تطلبها الهيئة السعودية للمواصفات والمقاييس والجودة أو من يمثلها لاحقًا، وفي حال تبين عدم صحة ذلك، تتحمل جميع التبعات النظامية المترتبة على ذلك.

| | | | | | |
|---|---|---|---|---|---|
| Certificate Number | CN-25-1694274 | Issue Date | 07/01/2025 | Expire Date | 08/03/2025 |
| Certificate Type | Shipment Conformity Certificate for Imported Products | Commercial Registration No. | | 4030500427 / 7033741005 | |
| Establishment Address | 0000 0000-00000 جدة | | | | |

| Product and Manufacturer Data | | | |
|---|---|---|---|
| Modal Name | FA | Trademark | FG |
| Product Name | FIRE ALARM | | |
| Product Description | | | |
| Country of origin | China | | |
| Production Date | | | |
| HS Code | 853110000002 | | |
| Manufacturer Name | [redacted] | | |
| Exporter Name | [redacted] | Exporter Address | CHINA |

| Establishment Stamp | | Establishment Manager Signature |
|---|---|---|
| | نقر ونتعهد نحن (... شركة فالكون باور العالمية لاجهزة السلامة ...) بأن المنتج ليس خاضعًا لأى من اللوائح الفنية المعتمدة من الهيئة كما أنه ليس بمنتج دوائي أو غذائي أو زراعي ولا يقع خارج نطاق المنتجات المشمولة باللوائح الفنية والمواصفات القياسية ذات العلاقة المعتمدة من الهيئة.<br>07/01/2025 16:58 | |

# شهادة مطابقة إرسالية للمنتجات المستوردة

## Shipment Conformity Certificate for imported products

| | | | |
|---|---|---|---|
| Certificate Number | CN-25-1694274 | HS Code | 853110000002 |
| Product Name | FIRE ALARM | Model Name | FA |
| Total Quantities | 30500 | | |

| Model Number | License Number | Quantity | License Status |
|---|---|---|---|
| FA-501 | Does not hold a license | 2500 | |
| FA-505 | Does not hold a license | 3100 | |
| FA-416 | Does not hold a license | 2500 | |
| RL-01 | Does not hold a license | 2000 | |
| Sd-425 | Does not hold a license | 10000 | |
| FA-510 | Does not hold a license | 3900 | |
| FA-410 | Does not hold a license | 6500 | |

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HIGH QUALITY PRODUCTS