



**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	$\leq 50 \mu\text{A}$
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: $57^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Rate-of-rise: $8 \sim 10^{\circ}\text{C} / \text{min}$
Temperature Range	$0^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Environment Humidity	$\leq 95\%\text{RH}$ (no condensation)
Size	$\varnothing 99 * 43.5\text{mm}$

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	$\leq 50 \mu\text{A}$
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	$\leq 95\%\text{RH}$ (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 an alarm siren (the following we use alarm to refer to it) which is the sound and light alarm equipment installed on the fire alarm controller of the fire alarm control center. Once triggered, the alarm will send 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 fire alarm. It helps warn the people avoiding the great loss of life and property.

Model:FA-505

CATEGORY	PARAMETER
Working Voltage	DC 24 V
Standby Current	$\leq 100 \mu\text{A}$
Contact Resistance	$\leq 0.02 \text{ ohm}$
Temperature Range	$-10^{\circ}\text{C} \sim +65^{\circ}\text{C}$
Environment Humidity	10%~90%RH (no condensation)
Size	87 * 87 * 52.5mm

SMOKE DETECTOR WITH SOUNDER



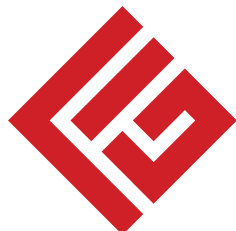
Product Introduction

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	$\leq 10 \mu A$
Alarm Current	$\leq 45 \text{ mA}$; $\leq 75 \text{ mA}$ (for wireless type)
Sensitivity	0.08~0.16 dB/m
Battery Life	About 1 year
Indicate Alarm	Red LED flash
Alarm Sound Level	$\geq 85 \text{ dB/3m}$
Alarm Type	Flash & Sound Alarm
Temperature Range	$0^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Environment Humidity	$\leq 95\% \text{RH}$ (no condensation)
Size	$\varnothing 142 * 40.5 \text{ mm}$

REMOTE LED INDICATOR



Product Introduction

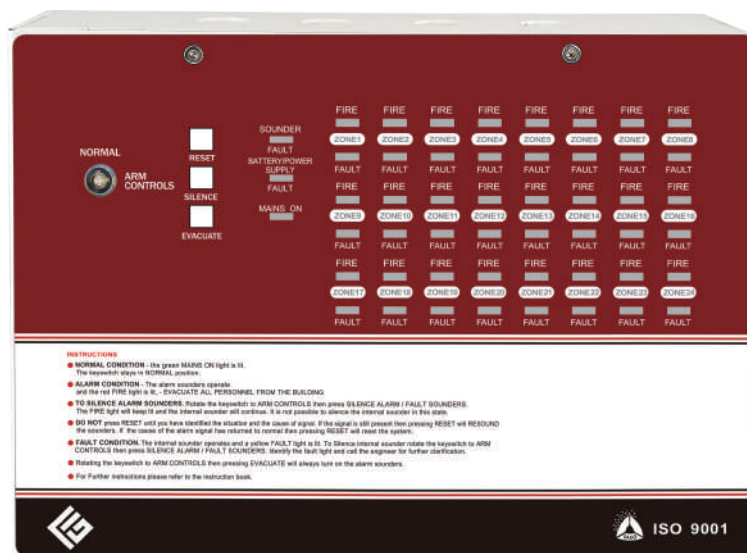
This unit is designed to ensure that alarm signal can be actually transmitted to all locations. Especially for a closed room, any fire inside can be indicate outside.

This device can be conected 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



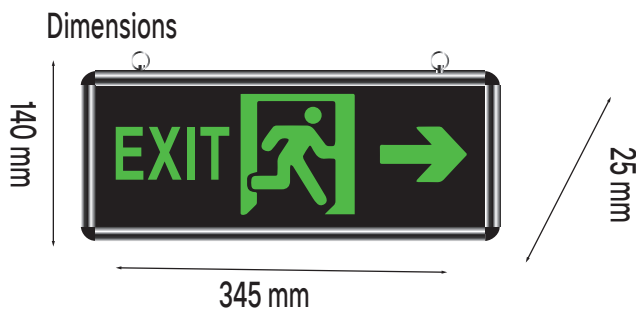
Product Introduction

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



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-cadmium 1.2V, 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 fluorescent green 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



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 وتتعهد نحن (...) الهيئة العامة للغذاء والدواء، بأن جميع بيانات المنتجات الموجودة في طلب الإرسالية صحيحة، وأن المنتجات مطابقة للمواصفات القياسية السعودية واللوائح الفنية ذات العلاقة، ولتعهد بتوفير أي ملفات فنية للمنتجات تطلبها الهيئة السعودية للمواصفات والمقاييس والجودة أو من يملكها لاحدًا، 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

نقر وتتعهد نحن (...) شركة فالكون باور العالمية لاجهزة السلامة (...) بأن المنتج ليس خاضعًا لأي من اللوائح الفنية المعتمدة من الهيئة كما أنه ليس بمنتج دوالي أو غذائي أو زراعي ولا يقع خارج نطاق المنتجات المشمولة باللوائح الفنية والمواصفات القياسية ذات العلاقة المعتمدة من الهيئة.

07/01/2025 16:58

Establishment Manager Signature

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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