SANJIANG

2025
PRODUCT CATALOGUE



CREATE A SAFE WORLD ENJOY A SMART LIFE

V1.0/2025.12



CREATE A SAFE WORLD ENJOY A SMART LIFE

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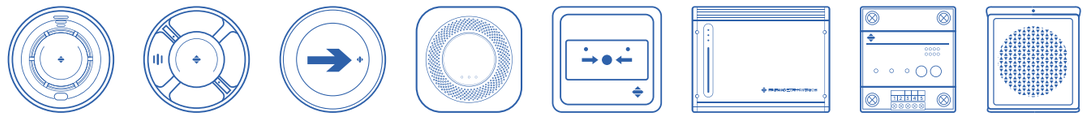
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Why SANJIANG?

SANJIANG is a trusted global manufacturer of high-performance fire detection and alarm systems.

Since 1985, we have specialized in the development of advanced addressable fire panels, detectors, gas extinguishing systems, and emergency evacuation solutions.

With certified quality, reliable supply, and global support, SANJIANG serves over 50 countries with tailored fire protection systems that meet international standards like EN54 and ISO.

Backed by decades of technical expertise and efficient production, We deliver comprehensive support throughout every stage of the project, making us a trusted partner for fire protection professionals, international distributors, and system integrators.

CREATE A SAFE WORLD - ENJOY A SMART LIFE

Sales Network and Figures



50+
Countries and Regions Served Globally

3
Global Companies and Offices

300+
Service Points Covering Major Cities (Domestic and International)

1000+
Sales & Technical Support Personnel Serving Worldwide

SANJIANG Global Fire Protection Solutions

Exported to 50+ Countries

Across Asia, Europe, Africa, the Middle East, and the Americas.

20+ Key Partners & Distributors

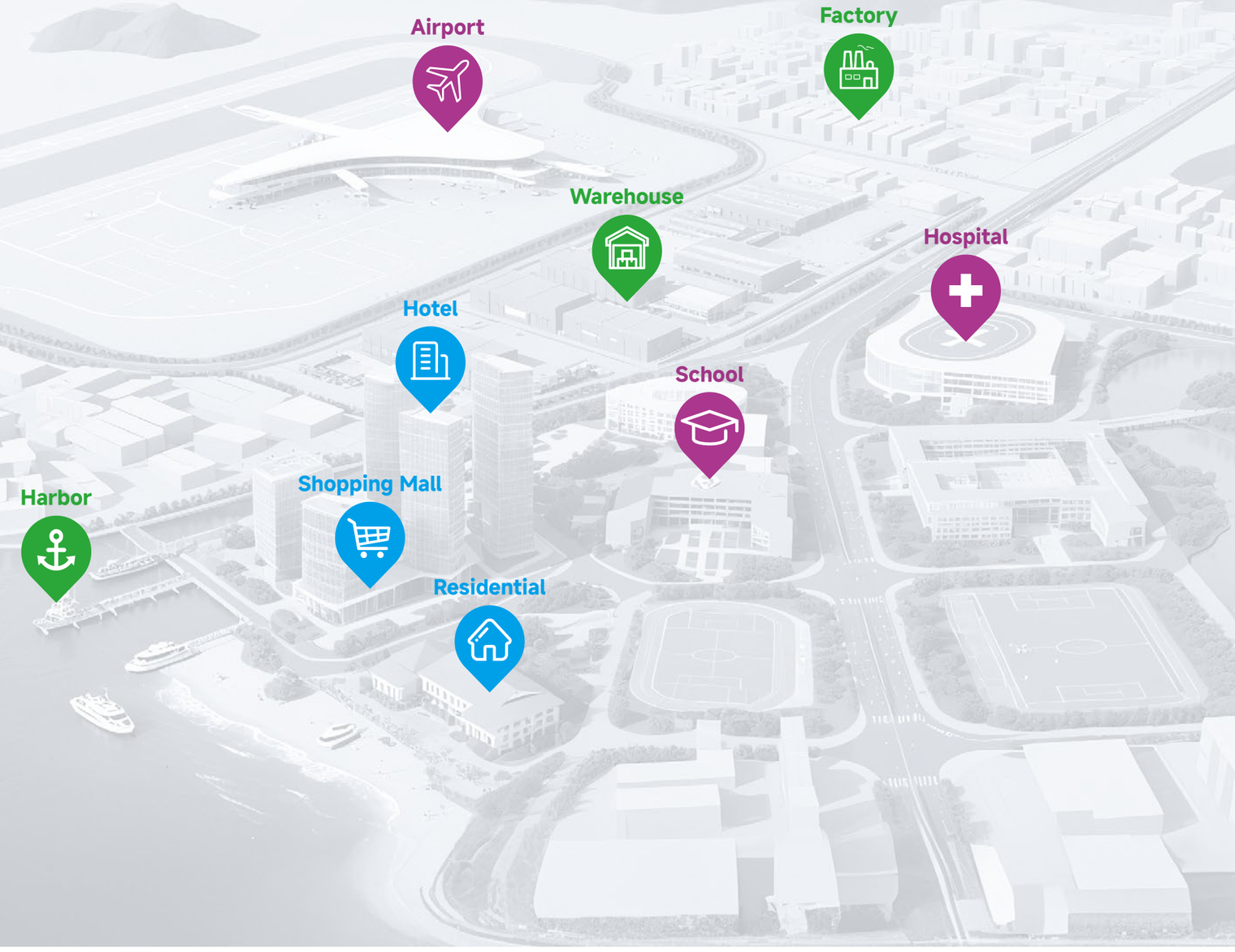
Established strategic collaborations worldwide.

Global Technical Support

Remote diagnostics and multilingual online assistance.

OEM/ODM Expertise

Rich supply chain experience tailored for overseas clients.



Where Quality Begins

Our state-of-the-art factory ensures reliable production through full automation, digital quality control, and flexible manufacturing capabilities.

30,000+ m^2
Smart Manufacturing Base



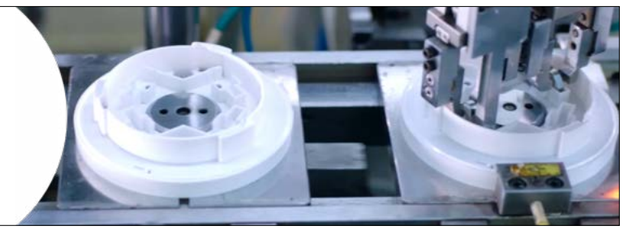
8
SMT Lines, Fully Automated



30
Intelligent Production Line



50+ million
Terminal Device Annual Capacity



200,000+
Smart Fire Alarm Control Panel Capacity



R&D Capability

Backed by a dedicated R&D team, we continuously drive product evolution with leading technologies and system integration capabilities.

40+
Years of Technical Accumulation

200+
National Patents

IPD
Integrated Product Development

200+
Engineers in R&D Team

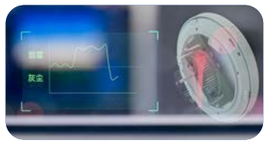
10%
Annual Revenue Invested in R&D

Core Technology

As one of the few enterprises in the industry with full-chain independent R&D, we lead the way in mastering multiple core technologies for intelligent fire protection. Our core technologies enable safer, smarter and more connected fire protection systems, ready for global applications.



Self-Developed Chip
Ensures faster response, stable operation, and long-term reliability.



Multi-Dimensional Detection
Utilizes backward light scattering and dual-path, dual-wavelength algorithms for high-precision sensing and superior environmental adaptability.



Multi-Protocol Compatibility
Enables flexible system integration and seamless data transmission.

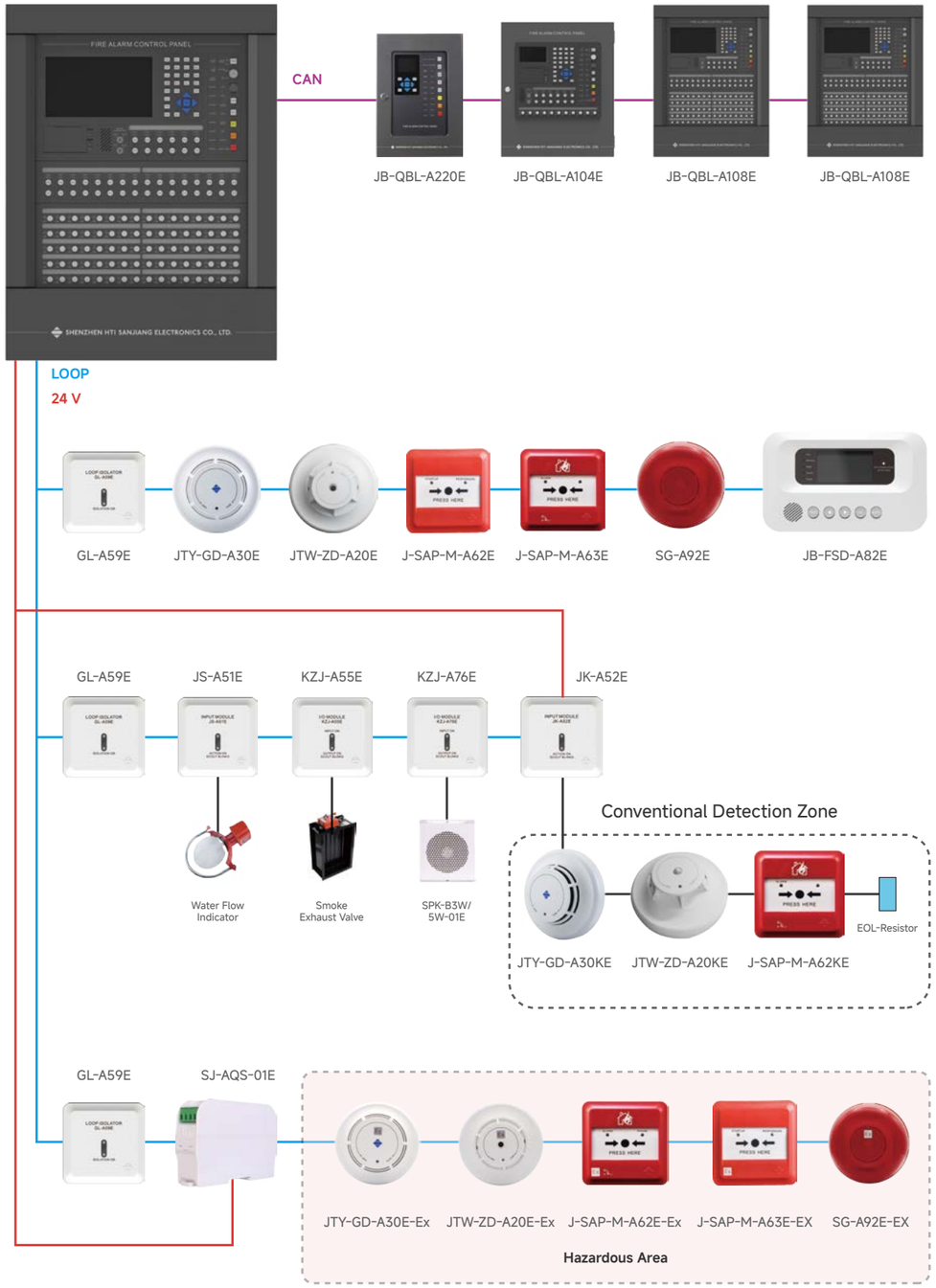


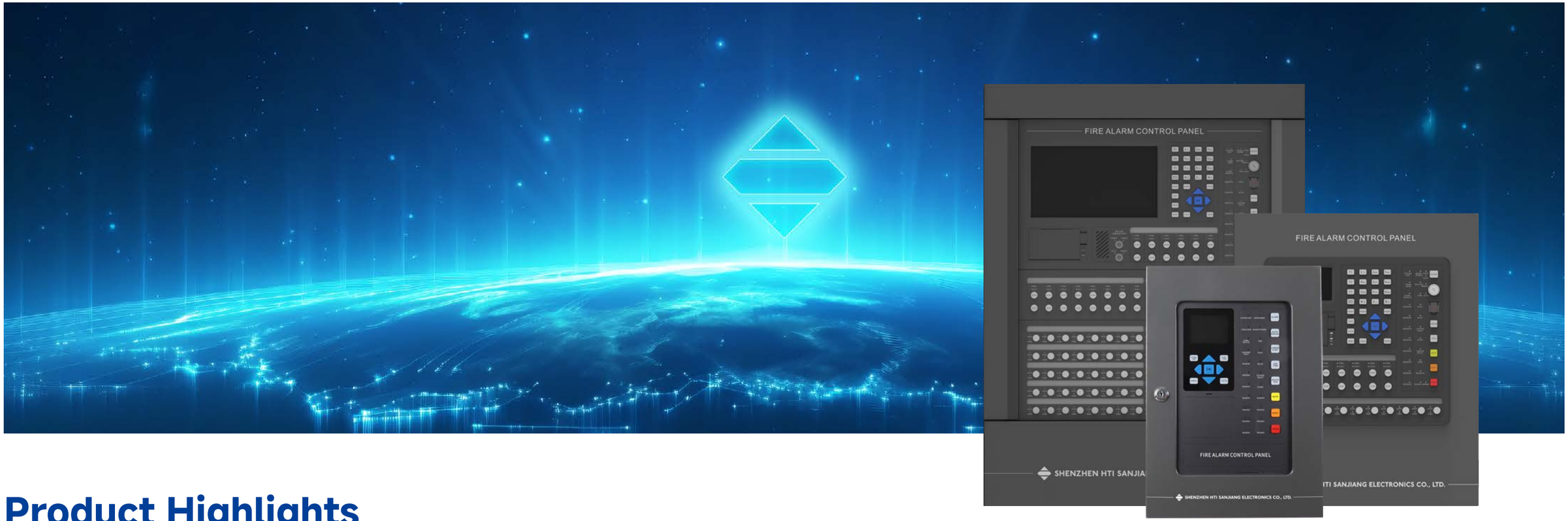
AI Cloud Computing
Bring fire prevention to the era of big data.

Fire Alarm System



System Diagram





Product Highlights

Fast Performance

Powered by a next-generation high-speed processor for swift data processing and stable operation. Delivering 100× faster data processing and 1000× greater storage capacity compared to traditional technology.

Reliable Communication

Patented non-polarized two-wire bus technology supporting both 2-wire and 4-wire configurations for easy installation and wiring.

Intuitive Display

Full-color LCD screen with clear status indication and user-friendly interface.

Flexible Operation

Provides a USB keyboard interface and supports operation via mouse or panel keys, ensuring flexible and convenient operation.

Smart Expansion

Supports up to 324 devices per loop and scalable to multi-loop configurations. Supports multi-loop configurations and large-capacity system expansion to meet the needs of medium and large-scale buildings.

Integrated System Control & Networking

Modular design integrates fire alarm and fire-fighting linkage functions, while enabling interconnection between multiple panels for coordinated management.

Addressable Fire Alarm Control Panel

JB-QBL-A108E



Key Features

- GB 4717 & GB 16806 certified.
- Support the two-bus system.
- 10-inch color LCD with a resolution of 1024*600.
- Support mouse or keyboard connection for programming onsite.
- 8 loops, up to 324 addresses per loop.
- The maximum capacity of the multi-line linkage control unit is 22 points.
- Support CAN Protocol and Ethernet Protocol.
- Intuitive, clear interface for quick learning and operation.
- Simple construction and convenient wiring method.

Specifications

System Voltage	AC 220V/50Hz (187V~242V)
Operating Current	10A
Battery	2×12V/14Ah
Dimension	570×750×158mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 45°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

JB-QBL-A104E



Key Features

- GB 4717 & GB 16806 certified.
- Support the two-bus system application.
- 4.3-inch color LCD with a resolution of 480*272.
- Support mouse or keyboard connection for programming onsite.
- 4 loops, up to 324 points per loop.
- Multi-line linkage control unit is up to 6 points.
- Support CAN Protocol and Ethernet Protocol.
- Intuitive, clear interface for quick learning and operation.
- Simple construction and convenient wiring method.

Specifications

System Voltage	AC 220V/50Hz (187V~242V)
Operating Current	4A
Battery	2×12V/14Ah
Dimension	410×490×100mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 45°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

Addressable Fire Alarm Control Panel

JB-QBL-A220E



Key Features

- GB 4717 certified.
- Support the two-bus system application.
- 2.8-inch color LCD with a resolution of 240*340.
- Support copying or restoring the system's setup files and history files.
- Single loop, up to 200 points.
- User-definable device types for easy system integration.
- Support CAN Protocol. (optional)
- Intuitive, clear interface for quick learning and operation.
- Simple construction and convenient wiring method.

Specifications

System Voltage	AC 220V/50Hz (187V~242V)
Operating Current	1A
Battery	12V/2.8Ah
Dimension	273×385×112mm (W×H×D
Operating Environment	Operating Temperature: -10℃ to 45℃ Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)

Smoke Detector



JTY-GD-A30E

Addressable Smoke Detector

- GB 4715 certified.
- Electronic encoding method allows onsite readdressing via an encoder.
- Patented backward-path labyrinth chamber with backward-scattering technology and an adaptive algorithm for precise, low-false-alarm smoke detection.
- The microchip performs real-time sampling and data processing to calculate smoke concentration.
- Features temperature, humidity, and dust accumulation drift compensation.



JTY-GD-A30KE

Conventional Smoke Detector

- GB 4715 certified.
- The microchip performs real-time sampling and data processing to calculate smoke concentration.
- Patented backward-path labyrinth chamber with backward-scattering technology and an adaptive algorithm for precise, low-false-alarm smoke detection.
- Features temperature, humidity, and dust accumulation drift compensation, as well as sensor failure detection (fault information reported to the panel).



JTY-GD-A30E-Ex

Addressable Intrinsically Safe Smoke Detector

- GB 4715 & GB/T 3836.1 & GB/T 3836.4 certified.
- Explosion-proof type: Intrinsic safety.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- The microchip performs real-time sampling and data processing to calculate smoke concentration.

Specifications	JTY-GD-A30E	JTY-GD-A30KE	JTY-GD-A30E-Ex
Operating Voltage	Loop 24V	DC 24V	Loop 24V
Operating Current	Quiescent current: <300uA Alarm current: <1.5mA	Quiescent current: <50uA Alarm current: 1~20mA	Quiescent current: <400uA; Alarm current: <1mA
Explosion-proof Sign	-	-	Ex ib IIC T6 Gb
Dimension (with base)	105×43mm (ϕ×H)		
Operating Environment	Operating Temperature: -10℃ to 55℃ Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)		

Heat Detector



JTW-ZD-A20E

Addressable Heat Detector

- GB 4716 certified.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- The microchip performs real-time temperature sampling and data processing.
- Features temperature compensation and sensor failure detection.



JTW-ZD-A20KE

Conventional Heat Detector

- GB 4716 certified.
- The microchip performs real-time temperature sampling and data processing, tracking the on-site situation with curves.
- Real-time monitoring, and accurate judgment.



JTW-ZD-A20E-Ex

Addressable Intrinsically Safe Heat Detector

- GB 4716 & GB/T 3836.1 & GB/T 3836.4 certified.
- Explosion-proof type: Intrinsic safety.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- The microchip performs real-time temperature sampling and data processing, tracking the on-site situation with curves.

Specifications

Specifications	JTW-ZD-A20E	JTW-ZD-A20KE	JTW-ZD-A20E-Ex
Operating Voltage	DC 24V (20~28V)	DC 24V	Loop 24V
Operating Current	Quiescent current: <0.3mA Alarm current: <1.5mA	Quiescent current: <50uA Alarm current: 1~15mA	Quiescent current: <300uA; Alarm current: <1mA
Explosion-proof Sign	-	-	Ex ib IIC T6 Gb
Product Category	A2 (operating temperature: 54° C~70° C)		A2R
Dimension (with base)	105×43mm (ϕ×H)		
Operating Environment	Operating Temperature: -10°C to 55°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)		

Smoke & Heat Detector



JTF-GDM-936E

Addressable Smoke & Heat Detector

- Electronic encoding, to offer simple and reliable engineering adjustment;
- Non-polarity two-wire bus;
- Key device self-diagnosis function;
- Shift compensation function and contamination report function for dust accumulation.

The JTF-GDM-936E is a multi-sensor fire detector integrating smoke and heat sensing for enhanced fire detection accuracy. It not only has the performance of smoke fire detector, but also has the performance of heat detector.

Specifications

Operating Voltage	Loop 24V
Operating Current	Quiescent current: <0.5mA; Alarm current: <1.5mA
Product Category	A2 (Operating temperature: 54° C~70° C)
Dimension (with base)	100×100×55mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 55°C ; Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

Reflective Beam Detector



JTY-GS-T8001E

Addressable Reflective Beam Detector

- Meet the standards of EN54-12 and GB 14003.
- With real-time sampling,processing, curve tracking.
- With an automatic compensation function(for dust pollution).
- With laser module to locate,with infrared calibration function.
- With self-diagnostic function, can monitor the internal error.
- Supports addressable fire alarm control panel A104E/A108E/A220E,etc.

Specifications

Operating Voltage	DC 24V (18~32V)
Operating Current	Quiescent current<13.5mA; Alarm current: 14mA
Dimension (with base)	180×83×73mm
IP Rating	IP30
Optical Path Length	5m~100m (Protection range 7m on each side)
Operating Environment	Operating Temperature: -10°C to 55°C ; Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

Manual Call Point



J-SAP-M-A62E

Addressable Manual Call Point

- GB 19880 certified.
- Simple and reliable device addressing via portable coder.
- Stable communication technique with high noise immunity.
- Reusable and resettable operating elements.



J-SAP-M-A62KE

Conventional Manual Call Point

- GB 19880 certified.
- Comes with a two-wire fire telephone jack.
- The manual alarm provides passive output contacts, which can directly control external devices through an intermediate relay.
- Resettable press button.



J-SAP-M-A62E-Ex

Addressable Intrinsically Safe Manual Call Point

- GB 19880 & GB/T 3836.1 & GB/T 3836.4 certified.
- Explosion-proof type: Intrinsic safety.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- The manual alarm can directly control external devices.
- Resettable press button.

Specifications	J-SAP-M-A62E	J-SAP-M-A62KE	J-SAP-M-A62E-Ex
Operating Voltage	Loop 24V	DC 24V	Loop 24V
Operating Current	Quiescent current: <300uA Alarm current: <2mA	Quiescent current: <0uA Alarm current: <25mA	Quiescent current: <300uA Alarm current: <1mA
Dimension (with base)	90×90×43mm (W×H×D)	90×90×43mm (W×H×D)	90×90×43mm (W×H×D)
Explosion-proof Sign	-	-	Ex ib IIC T6 Gb
Operating Environment	Operating Temperature: -10°C to 55°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)		

Sounder Strobe



SG-A92E

Addressable Sounder Strobe

- GB 26851 certified.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- Light display using several ultra-bright white LED light sources, display eye-catching, long life, low power consumption.

Specifications	
Operating Voltage	Loop 24V
Operating Current	Quiescent current: <1mA; Alarm current: <8mA
Sounder Output	≥ 80dB@3m
Dimension (with base)	111×50mm (ϕ×H)
Operating Environment	Operating Temperature: -10°C to 55°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)



SG-A92E-Ex

Addressable Intrinsically Safe Sounder Strobe

- GB 268511 & GB/T 3836.1 & GB/T 3836.4 certified.
- Explosion-proof type: Intrinsic safety.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- Display using several ultra-bright,long life, and low power consumption.

Specifications	
Flash Frequency	1.0Hz~1.5Hz
Operating Current	Quiescent current: <300uA; Alarm current: ≤ 10mA
Sounder Output	≥ 70dB@3m
Dimension (with base)	105×50mm (ϕ×H)
Explosion-proof Sign	Ex ib IIC T6 Gb

Module



JS-A51E

Addressable Input Module

GB 16806 certified. Fully electronic encoding allows for on-site rewriting via an encoder. It can interface with various passive normally open switching devices, such as water flow indicator, pressure switches, signal valve, flow switches.



JK-A52E

Addressable Input Module

GB 16806 certified. Fully electronic encoding allows for on-site rewriting via an encoder. Non-polarity two-bus technology. Up to 25 conventional detectors.



KZJ-A55E

Addressable Input/Output Module

GB 16806 certified. Fully electronic encoding allows for on-site rewriting via an encoder. Non-polarity two-bus connection for easy installation and maintenance. It can interface with various devices, such as water flow indicator, flow switches.



KZJ-A76E

Addressable Input/Output Module

GB 16806 certified. Fully electronic encoding allows for on-site rewriting via an encode. Non-polarity two-bus technology and convenient wiring. Mainly used to control fire broadcasting and background music.



GL-A59E

Short Circuit Isolator

Isolation of short circuit and automatic recovery after removal. Stable communication technique with high noise immunity. Fast activation response loop-powered. Designed with plug and play structure, easy and convenient for construction and maintenance.

JS-A51E Specifications

Operating Voltage	Loop 24V
Operating Current	Quiescent current: <500uA Alarm current: <2mA
Dimension (with base)	86×86×35mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 55°C ; Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

JK-A52E Specifications

System Voltage	DC 24V (20~28V)
Operating Current	Quiescent current: <1mA； Alarm current: <4mA
Dimension (with base)	86×86×46mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 55°C ; Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

KZJ-A55E Specifications

Operating Voltage	Loop 24V
Operating Current	Quiescent current: <1mA； Alarm current: <28mA
Output Capacity	DC 34V/1.5A/25ms or DC 24V/18mA
Dimension (with base)	86×86×40mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 55°C ; Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

KZJ-A76E Specifications

Operating Voltage	Loop 24V
Operating Current	Quiescent current: <1mA； Alarm current: <20mA
Output Capacity	Current: <50mA； Voltage: DC 24V
Dimension (with base)	86×86×40mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 55°C ; Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

GL-A59E Specifications

Operating Current	Quiescent current: <2.5mA； Alarm current: <9mA
Trigger Action Current	> 2A
Trigger Action Voltage	< DC 16V
Dimension (with base)	86×86×35mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 55°C ; Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

Fire Hydrant Button



J-SAP-M-A63E

Addressable Fire Hydrant Button

- GB 16806 certifiled.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- Stable communication technique with high noise immunity.
- Reusable and resettable operating elements.

Specifications

Operating Voltage	Loop 24V
Operating Current	Quiescent current: <300uA; Alarm current: <3mA
Dimension (with base)	90×90×43mm
Operating Environment	Operating Temperature: -10℃ to 55℃ Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)



J-SAP-M-A63E-Ex

Addressable Intrinsically Safe Fire Hydrant Button

- GB 16806 &GB/T 3836.1 & GB/T 3836.4 certified.
- Explosion-proof type: Intrinsic safety.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- The fire hydrant can directly control other external devices.
- Resettable press button.

Specifications

Operating Voltage	Loop 24V
Operating Current	Quiescent current: <300uA; Alarm current: <3mA
Explosion-proof Sign	Ex ib IIC T6 Gb
Dimension (with base)	90×90×43mm
Operating Environment	Operating Temperature: -10℃ to 55℃ Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)

Waterproof Cover



FHH-SG01

Sounder Strobe Cover



FHH-SAP01

Manual Call Point Cover

Optional installation. The Sounder Strobe Cover prevents water molecules from passing through while allowing the transmission of sound. There are knock-out cable entry holes on the top, bottom, and back sides to accommodate wiring from different directions.

Specifications

Protection Rating	IP66
Inlet Hole	φ20.6mm
Dimension	156×154×87mm (W×H×D)
Material	The upper cover is PC and the lower cover is ABS

Fire Indicating Panel



JB-FSD-A82E

Fire Indicating Panel

- GB 17429 certified.
- A maximum of 999 alarms.
- Fully electronic encoding allows for on-site rewriting via an encoder.
- Emit an alarm sound and display relevant information.

Specifications

Operating Voltage	Loop 24V
Operating Current	Quiescent current: <6.5mA; Alarm current: <10mA
Dimension (with base)	180×110×31mm (W×H×D)
Operating Environment	Operating Temperature: -10℃ to 55℃ ; Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)

Accessories



SJ-AQS-01E

Bus-Isolated Barrier

- The design employs an isolated safety barrier solution for connecting intrinsically safe products that need to be connect to the loop.
- Up to 32 intrinsically safe coding terminals can be connected.

SJ-AQS-01E Specifications

Operating Voltage	Loop: 24V (15~36V); Power bus: DC 24V (DC 15~48V)
Operating Current	Loop: <3mA; DC 24V: <150mA
Dimension (with base)	132×35×89mm (W×H×D)
Operating Environment	Operating Temperature: -10℃ to 55℃ ; Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)



CODER-F100E

Handheld Encoder

- Easy to carry and operate.
- Ultra-low power consumption, address more than 50,000 points.
- With the function of adding one address automatically, it can continuously code the equipment and improve the efficiency of project installation.

CODER-F100E Specifications

Operating Voltage	DC 5V
Output Capacity	Constant output: 200mA; Pulse output: 500mA@50ms
Operating Environment	Operating Temperature: -20℃ to 60℃ ; Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)



BOX-M6S

Module Cabinet

- Supported installations: 6 input or input/output modules, 24V relays, 24-position terminal block.
- Install Series A modules.

BOX-M6S Specifications

Adaptation Product	KZJ-A76E/KZJ-A55E/JS-A51E/JK-A52E
Dimension	262×329×68.6mm (W×H×D)



SJ-DYX-2007

Power Cabinet

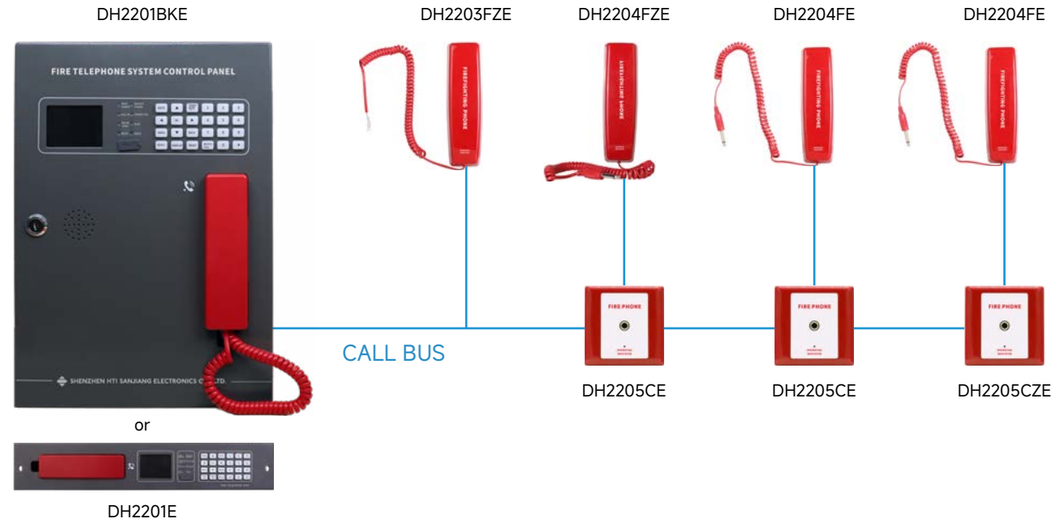
- 24V DC Fire Power Supply.
- Integrated panel communication.
- Real-time status LED indicators.

SJ-DYX-2007 Specification

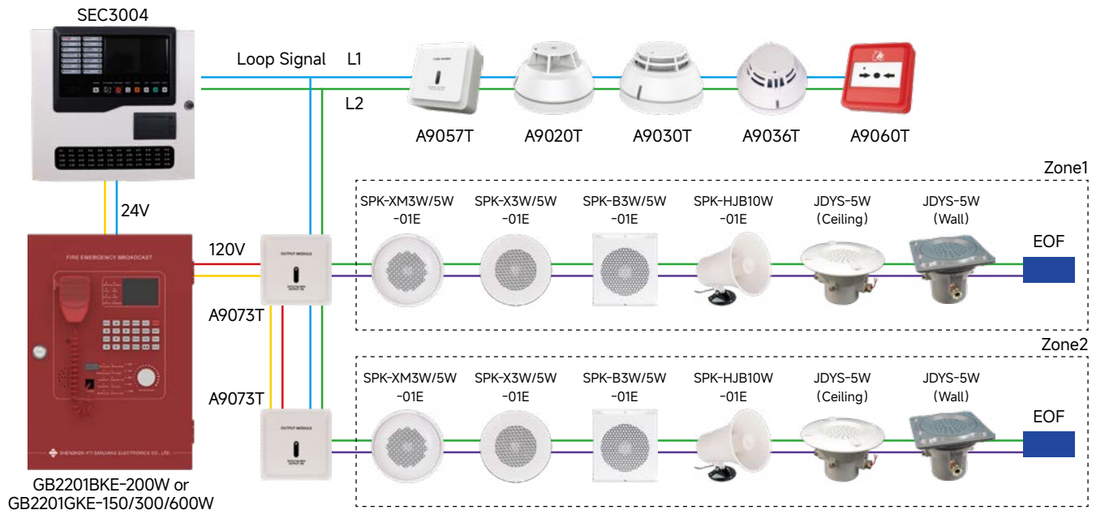
Operating Current	≤ 300μA
Bus Input	Non-polarized Two-wire Bus Connection
Encoding Method	Electronic encoding
Dimension	360x420×115mm (W×H×D)
Operating Environment	Operating Temperature: -10℃ to 50℃ ; Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)

Fire Telephone System & Fire Emergency Broadcast System

Fire Telephone System

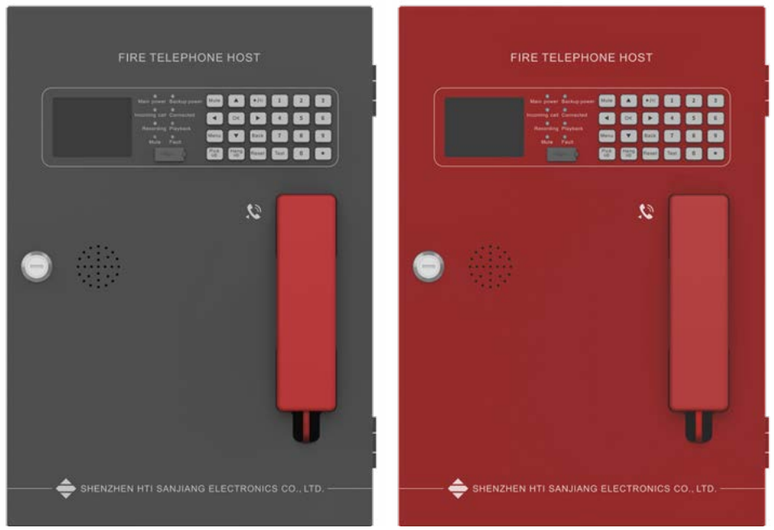


Fire Emergency Broadcast System



Fire Telephone System Control Panel

DH2201BKE



- GB16806 certified.
- Support data import/export and system upgrade by USB flash disk.
- Non-polarity two-bus technology, up to 99 telephone devices.
- History records are up to 1000, and the stored talking time not less than 1320 minutes.
- Users can import equipment information in batches to facilitate system settings and devices management.
- The system implements multi-level user management, and different levels of users give corresponding system operation rights to facilitate system management.

Specifications

System Voltage	AC 220V/50Hz (187V~242V)
Operating Current	<1A
Battery	12V/5Ah
Dimension	273×385×122mm (W×H×D)
Operating Environment	Operating Temperature: -10°C to 45°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

Accessories

DH2201E

Fire Telephone System Control Panel (Cab)



- GB16806 certified.
- Support data import/export and system upgrade by USB flash disk.
- Non-polar two-wire connection mode, up to 99 telephone devices.
- The system history records are not less than 1000, and the stored talking time not less than 1320 minutes.
- Users can import equipment information in batches to facilitate system settings and devices management.
- Multi-level user management..

Specifications

Operating Voltage	AC 220V/50Hz (187V~242V)
Operating Current	<1A
Dimension	490×89×140mm (W×H×D)
Operating Environment	Operating Temperature: 0°C to 40°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

DH2206JE

Fire Telephone Repeater



- Easy to use,no configuration required,plug and play;
- The maximum extension distance of each level of telephone repeater is 1500 meters (using 1.5mm2 twisted pair cable);
- Supports up to two levels of repeater cascading,and the system supports a maximum distance of 4500 meters.

Specifications

Operating Voltage	DC 24V（20V~30V）
Operating Current	<300mA (fully loaded)
Dimension	141×106.2×35.5mm (LxWxH)
Operating Environment	Operating Temperature: 0°C to 40°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)

Accessories



DH2203FZE

Addressable Fire Extension

- GB 16806,GB 3380 & GB/T 15279 certified.
- Dip switch coding, field configuration (The address range is 0 to 99).
- Non-polarity two-bus technology.
- Full-duplex call, easy to operate, clear call.



DH2204FZE

Addressable Fire Extension

- GB 16806,GB 3380 & GB/T 15279 certified.
- Address is fixed to 0,and multiple DH2204FZE can talk to the telephone switchboard at the same time.
- Non-polarity two-bus technology.
- Full-duplex call, easy to operate, clear call.



DH2204FE

Conventional Fire Phone

- GB 16806,GB 3380 & GB/T 15279 certified.
- Non-polarity two-bus technology.
- Full duplex call, easy to operate, clear call.
- Powered by DH2205CZE, connected to the DH2201BKE fire telephone switchboard.

Specifications	DH2203FZE	DH2204FZE	DH2204FE
Operating Voltage	DC 18~30V	DC 18~30V	Idle state: DC 11~13V Talking state: DC 8~21V
Operating Current	Idle state < 0.6mA; Talking state < 15mA		Idle state < 0mA Talking state < 15mA
Dimension (with base)	206×58.5mm (L×W)		
Operating Environment	Operating Temperature: -25°C to 70°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)		

Accessories



DH2205CZE

Addressable Fire Phone Jack

- GB 16806,GB 3380 & GB/T 15279 certified.
- Dip switch coding, field configuration (The address range is 0 to 99).
- Non-polarity two-bus technology.
- Full duplex call, easy to operate, clear call.
- Powered by DH2201BKE fire telephone switchboard via telephone bus.



DH2205CE

Conventional Fire Phone Jack

- GB 16806,GB 3380 & GB/T 15279 certified.
- Non-polarity two-bus technology.
- Full duplex call, easy to operate, clear call.
- Powered by DH2201BKE fire telephone switchboard via telephone bus.

Specifications	DH2205CZE	DH2205CE
Operating Voltage	DC 18~30V	DC 18~30V
Operating Current	Idle state < 0.6mA; Talking state < 15mA	Idle state 15~30uA
Dimension (with base)	87×87×39.5mm (W×H×D) (with base)	
Operating Environment	Operating Temperature: -25°C to 70°C Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)	

Fire Emergency Broadcast Control Panel

GB2201BKE-200





- Gb16806 certified.
- Digital audio acquisition, transmission, storage and playback technology.
- Humanized operation interface (whit 2.8 "true color LCD display, knob and volume indicator).
- Integrated 200W digital broadcast power amplifier module.
- Support four playback modes: emergency, MP3,external line 1 and 2.
- Panel USB interface, support FAT32 partition format USB flash disk (as MP3 audio source).
- Built-in large-capacity memory chip.
- Support lever trigger and CAN linkage interface.
- Support broadcast output line short break detection and protection function.

Specifications

System Voltage	AC 220V/50Hz
Constant Voltage Output	120V
Output Power	200W
Dimension	270×385×137mm (W×H×D)
Operating Environment	Operating Temperature: -10℃ to 45℃ Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)

Accessories

GB2201GKE-600

Fire Emergency Broadcast System Control Panel (Cab)



- GB16806 certified .
- Adopt digital audio acquisition, transmission, storage and playback technology.
- 2.8-inch color LCD display, knob and LED volume indicator.
- Integrated 600W digital broadcast power amplifier module.
- Support four playback modes: emergency, Mp3, external line 1 and 2.
- Panel USB interface, support FAT32 partition format USB flash disk (as MP3 audio source).
- Built-in large capacity memory chip, support more than 1 hour microphone recording.
- Communication type support lever trigger and CAN linkage interface.
- Support broadcast output line short break detection and protection function.
- Humanized operation interface.

Specifications

Operating Voltage	AC 220V/50Hz
Operating Current Output	120V
Output Power	≤ 600W
Dimension	490×88.5×325mm (W×H×D)
Operating Environment	Operating Temperature: 0℃ to 40℃ Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)

GB2201GFE-600

Power Amplifier



- Supports up to 14 power amplifiers and controllers to be cascaded.
- The maximum power of 600W/PA.The total power of the system can reach 9KW by cascading.
- The address can be set through the DIP switch to maintain the uniqueness of the system.
- The systems are connected in a "hand-in-hand" manner, which is convenient and efficient.

Specifications

Operating Voltage	AC 220V/50Hz
Operating Current Output	120V
Output Power	≤ 600W
Dimension	490×88.5×325mm (W×H×D)
Operating Environment	Operating Temperature: 0℃ to 40℃ Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)

Fire Broadcast Network Equipment



SJ-GB-TX800

Fire Broadcast Network Equipment (transmission)

- Supports broadcast control panel networking.
- Support power amplifier networking.
- One sends, one receives, in pairs.
- Through optical fiber transmission, the signal is transmitted long distance without loss (≤ 20KM), covering various small and large buildings.
- Can easily query configuration information by the type-C port.
- Can easily upgrade the software by the U disk.



SJ-GB-RX800

Fire Broadcast Network Equipment (reception)

- Supports broadcast control panel networking.
- Support power amplifier networking.
- One sends, one receives, in pairs.
- Through optical fiber transmission, the signal is transmitted long distance without loss (≤ 20KM), covering various small and large buildings.
- Can easily query configuration information by the type-C port.
- Can easily upgrade the software by the U disk.

Specifications	SJ-GB-TX800	SJ-GB-RX800
Operating Current	<1A	<1A
Battery	DC 24V	DC 24V (Via disaster alarm control panel or adapter)
Dimension	154×106×29mm (W×H×D)	
Operating Environment	Operating Temperature: 0℃ to 45℃ Relative Humidity: ≤ 95% (Non-condensing at 40℃ ±2℃)	

*SJ-GB-RX800 Battery via disaster alarm control panel or adapter.

Fire Broadcast Speaker



SPK-XM3W-01E
SPK-XM5W-01E

Rated Power	3W/5W
Maximum Power	4W/7W
Input Voltage	100~120V
Dimension	195×49mm (ϕ×H)



SPK-X3W-01E
SPK-X5W-01E

Rated Power	3W/5W
Maximum Power	4W/7W
Input Voltage	100~120V
Dimension	176×57mm (ϕ×H)



SPK-B3W-01E
SPK-B5W-01E

Rated Power	3W/5W
Maximum Power	4W/7W
Input Voltage	100~120V
Dimension	164×145×56mm



SPK-HJB10W-01E (Horn)

Rated Power	10W
Input Voltage	100~120V
Dimension	132*148mm (ϕ×H)



JDYS-5W (Ceiling)

Maximum Power	5W/10W
Input Voltage	100~120V
Installation Mode	Ceiling Type
Dimension	195*130mm (ϕ×H)

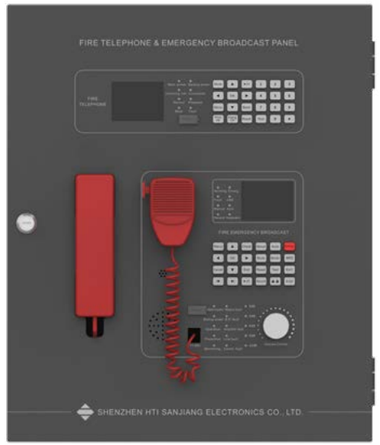


JDYS-5W (Wall-mounted)

Maximum Power	5W
Input Voltage	100~120V
Installation Mode	Wall-mounted
Dimension	184×184×145mm

Integrated Fire Telephone & Emergency Broadcast Panel

GD2201E-200





- Combines fire emergency broadcast and fire telephone functions in one wall-mounted unit, reducing wiring and installation effort.
- Lcd display with an intuitive interface for quick operation and easy maintenance.
- 200w digital amplifier with multiple playback modes ensures clear and reliable emergency communication.
- Polarity two-wire technology, maximum access to 250 fire telephones (when using repeaters).
- Adopts class d digital amplifiers and high-power switching power supply technology for enhanced energy efficiency and stable operation.

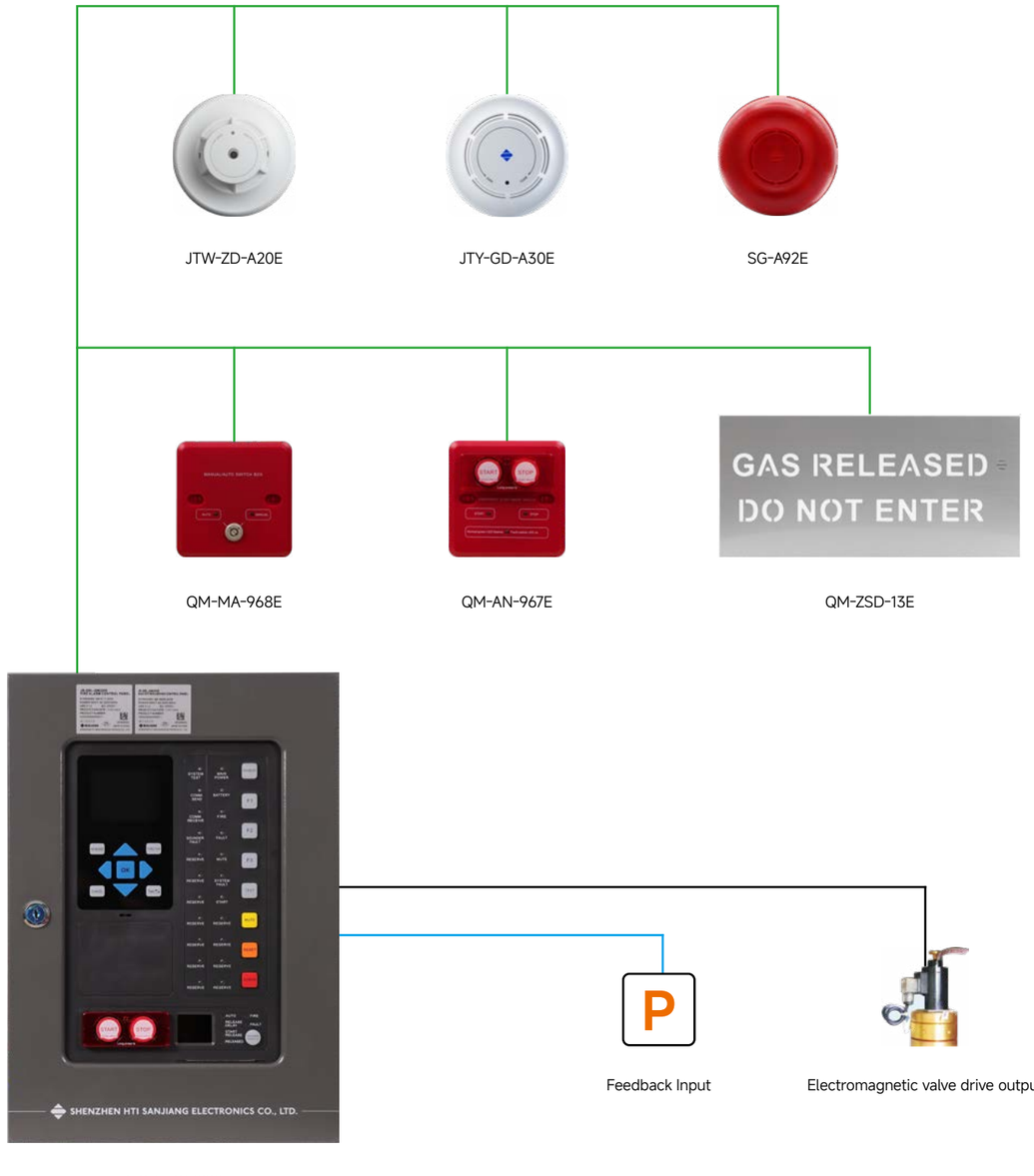
Specifications

Product	Fire Emergency Broadcast	Fire Telephone
Operating Voltage	AC 220V/50Hz	AC 220V/50Hz
Backup Power Supply	AC 220V fire protection power supply	DC 12V/5Ah single-cell maintenance-free lead-acid battery
Frequency Range	80Hz~8KHz	300~3400Hz
Dimensions	410×490×135mm (W×H×D)	
Operating Environment	Temperature 0° C to 40° C; Relative Humidity: ≤ 95% (Non-condensing at 40°C ±2°C)	

Gas Extinguishing System



Gas Extinguishing System



Fire Alarm Control Panel
Gas Extinguishing Control Panel

JB-QBL-QM220E



- Non-polarized two-bus linkage supporting up to 200 intelligent detectors.
- High 8A @ 24V DC Drive Current for a single gas suppression zone solenoid valve.
- User-Friendly Color LCD allows for clear, intuitive operation and efficient on-site debugging via USB, mobile, or PCSet.
- Versatile Networking Options (CAN, RS-485, Ethernet) and full compatibility with the Series A product family.
- Superior 8000V ESD & Surge Protection ensures robust performance and reliability in demanding conditions.

Specifications

Output Contact Capacity	DC 24V/10A
Main power	AC 220V/50Hz (187V~242V); maximum operating current: 4A
Loop Lengthw	Alarm signal two-wire system ≤ 1000 meters
Wiring Method	Non-polarity two-wire system
Mounting Type	Wall mount
Printer	Specialized miniature printer (standard configuration)
Operating Environment	Operating temperature: 0° C~+40°C ; Ambient Humidity ≤ 95% (40° C ±2° C, non-condensing)

Accessories



QM-AN-967E

Addressable Emergency Start/Abort Switch

- Non-polarized signal two-wire bus, convenient for installation and wiring, preventing wiring errors.
- In the event of a fire, when it is necessary to activate the gas fire suppression system, first remove the membrane cover of the button, then press the start button to provide the start control signal, while the start indicator light illuminates.
- When it is confirmed that the fire has been controlled or the fire alarm was a false alarm, and the system is still in the delay phase, the stop button can be pressed immediately to interrupt the gas release delay, simultaneously turning off the stop indicator light and extinguishing the start indicator light.
- Compatible with the JB-QBL-QM220.



QM-MA-968E

Addressable Manual/Auto Switch Box

- Installed outside the entrance to the gas fire protection area, a high-brightness LED light displays the operating status.
- The QM-MA-968 manual/automatic conversion box uses a special key design to prevent accidental operation.
- Compatible with the JB-QBL-QM220.

Specifications

Encoding Type	Electronic coding	Electronic coding
Operating Voltage	DC 24V	DC 24V
Operating Current	Monitoring mode: < 600 μA, operating mode: < 2 mA	Manual mode: < 1.5 mA, automatic mode: < 2 mA
Wiring Method	Two-wire system	Two-wire system
Mounting Type	Wall mount	Wall mount
Operating Environment	Temperature: -10° C to +55° C, Ambient Humidity ≤ 95% (40° C ±2° C, non-condensing)	



QM-ZSD-13E

Addressable Gas Release Indicator

- Electronic coding, which can be rewritten on-site via an encoder.
- MCU-controlled flash and sound alarm drive, stable and reliable.
- Light display uses multiple ultra-bright red LEDs as the light source, providing a prominent display with low power consumption and a long service life.
- Wired using a lead-in method, installed via a keyhole mounting method, making installation, commissioning, and maintenance simple and convenient.
- Compatible with the JB-QBL-QM220.

Specifications

Encoding Type	Electronic encoding
Operating Voltage	DC 24V
Operating Current	Standby: Bus <1.5mA; Startup: Bus <40mA
Wiring Configuration	Non-polarized two-wire system
Mounting Type	Wall mount
Operating Environment	Temperature: 0℃ ~+55℃ (±3℃), Ambient Humidity ≤ 95% (40° C ±2° C, non-condensing)

Fire Door Monitoring System



System Diagram



JB-QBL-FJ220E

Fire Door Magnetic Switch

Fire Door Magnetic Switch

Electric Door Closer

Electric Door Closer



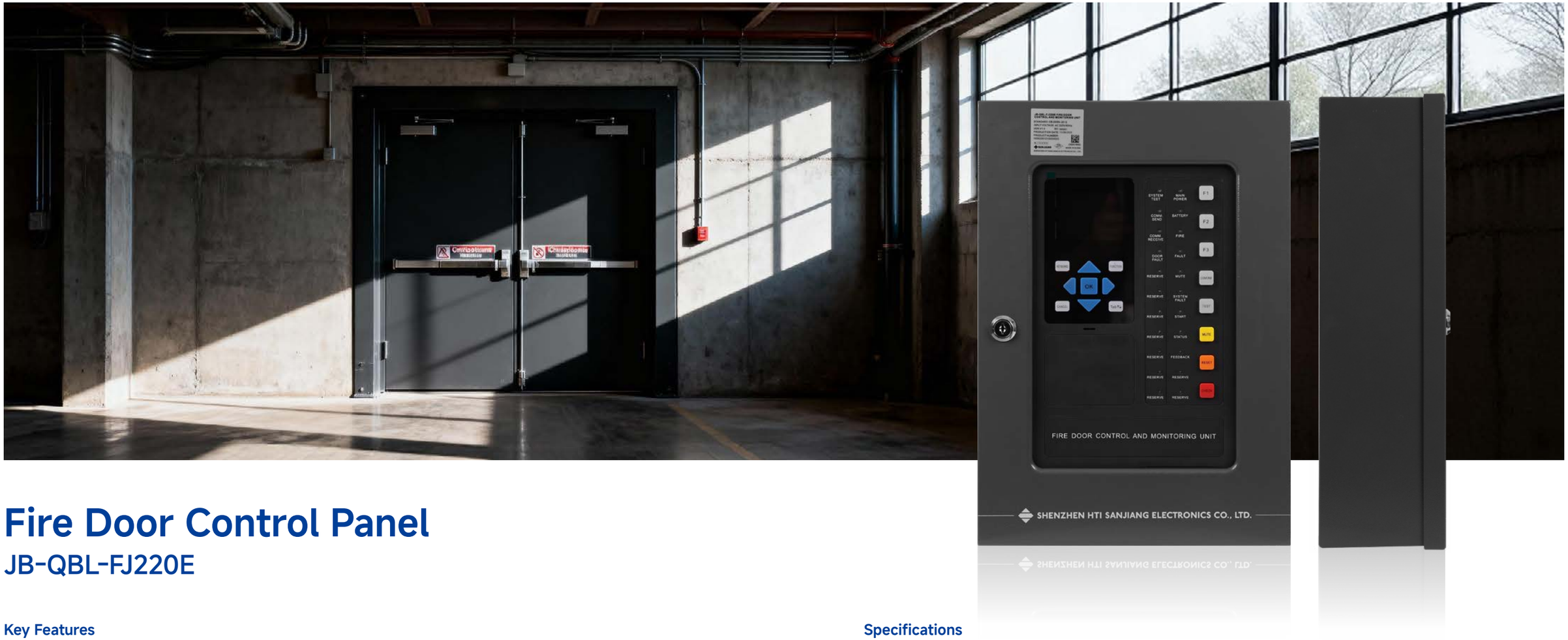
Electric Door Closer



Fire Door Magnetic Switch



Fire Door Magnetic Switch



Fire Door Control Panel

JB-QBL-FJ220E

Key Features

- High-speed microprocessor with 100× faster processing and 1000× larger storage capacity.
- 2.8" color LCD with clear, intuitive interface.
- Optional USB storage for easy data backup and recovery.
- Two-bus intelligent linkage supporting up to 200 fire door terminals.
- Extensive event history and customizable device types.
- Single-point testing and optional graphical display unit.
- Multi-level user access management and remote upgrade support.
- Independent wiring area for safe, convenient installation.

Specifications

Main Power Supply	AC 220V/50Hz (187V~242V)
Maximum Working Current	1A
Backup Power Supply	DC 12V
Operating Voltage	DC 24V
Display Screen	2.8-inch color LCD screen, 240×340 resolution
Printer	Micro thermal printer
Operating Environment	0°C to 40°C , ≤ 95% (Non-condensing at 40° C ± 2° C)
Dimensions	273x385x112mm (W×H×D)
Standards Compliance	GB 28184-2011

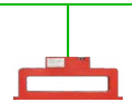
Electrical Fire Monitoring System



System Diagram



JB-QBL-DH510E



Residual Current Type Electrical Fire Monitoring Detector

DH-9705



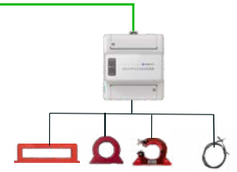
Residual Current Type Electrical Fire Monitoring Detector

DH-9706



Temperature Measuring Type Electrical Fire Monitoring Detector

DH-9709A



Combined Electrical Fire Detector

DH-9708S



Combined Electrical Fire Monitoring Detector

DH-9805



Residual Current Type Electrical Fire Monitoring Detector

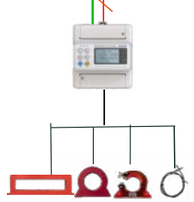
DH-9806



Temperature Measuring Type Electrical Fire Monitoring Detector

DH-9809

AC220V/DC24V



Combined Electrical Fire Detector

DH-9708



Electrical Fire Monitoring Control Panel

JB-QBL-DH510E

Key Features

- High-speed microprocessor with 100× faster processing and 1000× larger data capacity.
- 2.8" color LCD with clear, intuitive interface.
- Optional USB storage for system backup and maintenance.
- Non-polarized two-bus linkage supporting up to 100 intelligent detectors.
- Extensive event history and customizable device types.
- Single-point detector testing and optional CRT-9200 graphical display.
- Multi-level user access control and remote upgrade capability.
- Independent wiring area for safe, convenient installation.

Specifications

Main Power Supply	AC 220V/50Hz (187V~242V)
Maximum Working Current	1A
Backup Power Supply	DC 12V/2.8 Ah
Operating Voltage	DC 24V
Display Screen	2.8-inch color LCD screen, 240×340 resolution
Printer	Micro thermal printer
Operating Environment	0°C to 40°C , ≤ 95% (Non-condensing at 40° C ± 2° C)
Dimensions	273x385x112mm (W×H×D)
Standards Compliance	GB 14287.1-2014

Combustible Gas Alarm System



System Diagram



JB-QBL-SJ330E



GTY-SJ-810



GTY-SJ-811



GTY-SJ-811



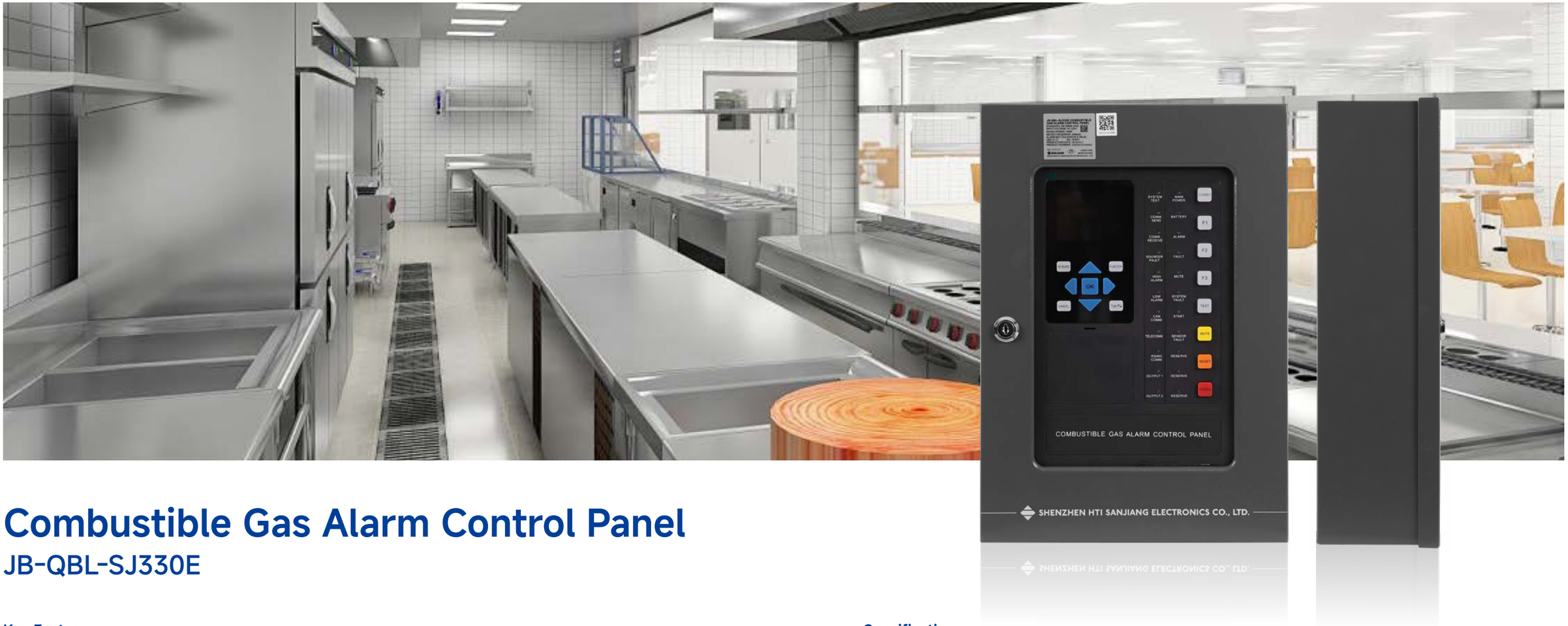
JT-BM-926T



JT-BF-11TW



JT-BF-21TN



Combustible Gas Alarm Control Panel

JB-QBL-SJ330E

Key Features

- Supports up to 32 detectors, expandable to 160 with external power supply.
- 2.8" color LCD for clear and intuitive display.
- Remote alarm via NB-IoT/4G, with real-time phone, SMS, or app notifications.
- High/low concentration alarms with distinct sound and output signals.
- 4 programmable interlocking outputs for alarm, fault, and failure linkage.
- Detector zeroing, calibration, and coding directly through the controller.
- Multiple communication interfaces: RS485, CAN, NB-IoT/4G, Bluetooth.
- Configurable and backup-supported parameters with English location labeling.

Specifications

Operating Voltage	AC 220V
Power Supply	DC 24V
Backup Power Supply	DC 12V/5Ah
Standards Compliance	GB 16808-2008
Operating Environment	Temperature: -10° C to +55° C; Relative Humidity ≤ 95% (Non-condensing at 40°C ±2°C)

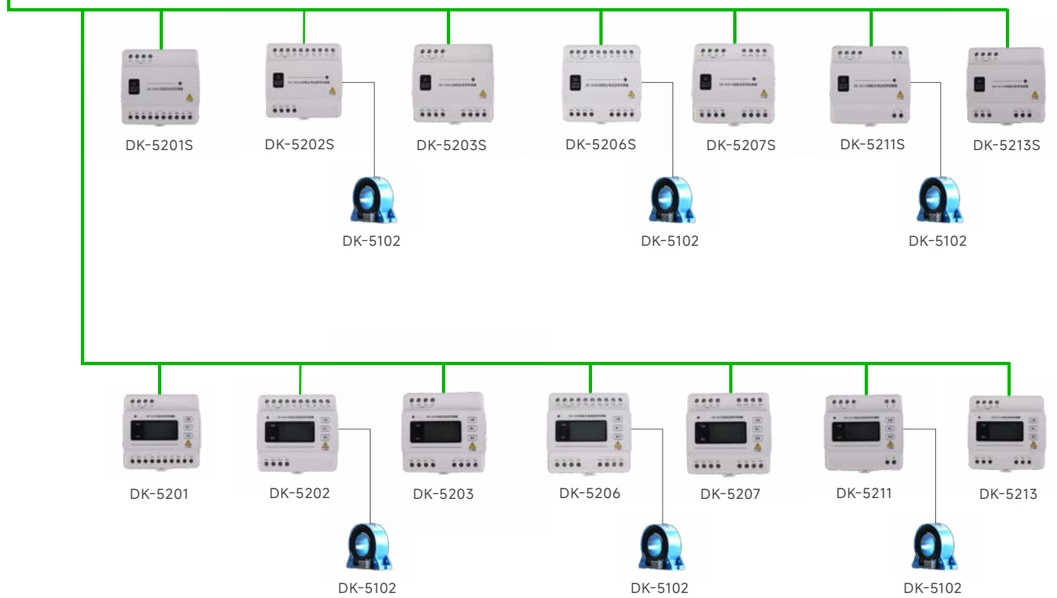
Fire Equipment Power Supply Monitoring System



System Diagram



JB-QBL-DK520E





Fire Equipment Power Monitor Panel

JB-QBL-DK520E

Key Features

- High-speed microprocessor with 100× faster processing and 1000× larger storage capacity.
- 2.8" color LCD with clear, intuitive interface.
- Optional USB storage for easy backup and maintenance.
- Non-polarized two-bus monitoring supporting up to 100 intelligent power sensors.
- Extensive event history and real-time sensor status query.
- Optional graphical display unit for clear fault location visualization.
- Multi-level user management and remote software upgrade support.
- Independent wiring area for safe, convenient installation.

Specifications

Main Power Supply	AC 220V/50Hz (187V~242V)
Maximum Working Current	1A
Backup Power Supply	DC 12v
Operating Voltage	DC 24V
Display Screen	2.8-inch color LCD screen, 240×340 resolution
Printer	Micro thermal printer
Operating Environment	0°C to 40°C , ≤ 95% (Non-condensing at 40° C ± 2° C)
Dimensions	273x385x112mm (W×H×D)
Standards Compliance	GB 28184-2011

Project Case

Transportation & Infrastructure



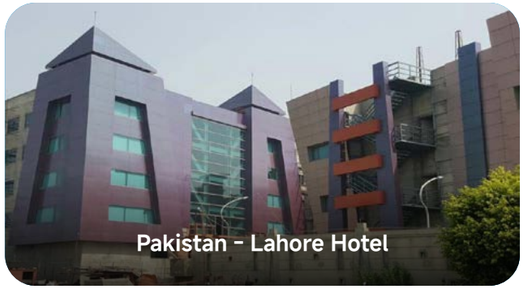
Pakistan - International Airport

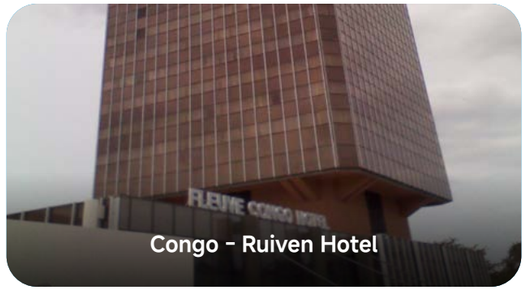

Malaysia - Airport


Sri Lanka - Railway Station

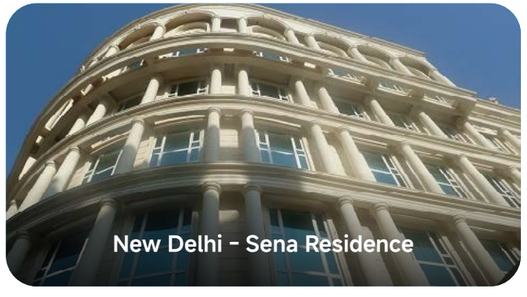

East Timor - State Grid Power Plant

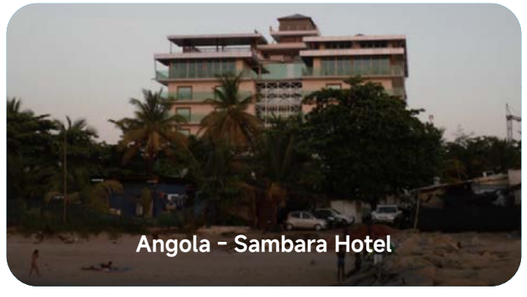
Hospitality & Residential


Pakistan - Lahore Hotel



Congo - Ruiven Hotel


New Delhi - Sena Residence


Angola - Sambara Hotel

Commercial & Industrial


Myanmar - Data Center


Malaysia - Forest City



Myanmar - CB Bank



Vietnam - Huangjiang Building


Vietnam - Virginia Underwear Factory


Ethiopia - Hawassa Industrial Park

Education & Entertainment


Vietnam - Zhuangya Amusement Park



Angola - Namibe College

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