

SHENZHEN PAIAN TECHNOLOGY CO., LTD.

SMART FIRE & SECURITY ALARM SOLUTIONS

4G / WiFi · LoRa · RF433 · IoT Detection · OEM / ODM

MIRO — OUR BRAND

2026 EDITABLE PRODUCT BROCHURE



Integrated manufacturing, testing and export support.



3,000 m²

Manufacturing facility

100+

Skilled employees

4-stage

Quality control

OEM / ODM

Flexible customization

CAPABILITIES

- R&D, tooling and production coordination
- Functional, aging and final inspection
- Logo, packaging and manual customization
- Warehousing and export delivery support

Built in Shenzhen for global alarm markets.

Founded in 2009, Paian Technology integrates R&D, manufacturing, quality control, warehousing and export coordination for smart fire and security alarm products.

2009

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3,000 m²

Manufacturing facility

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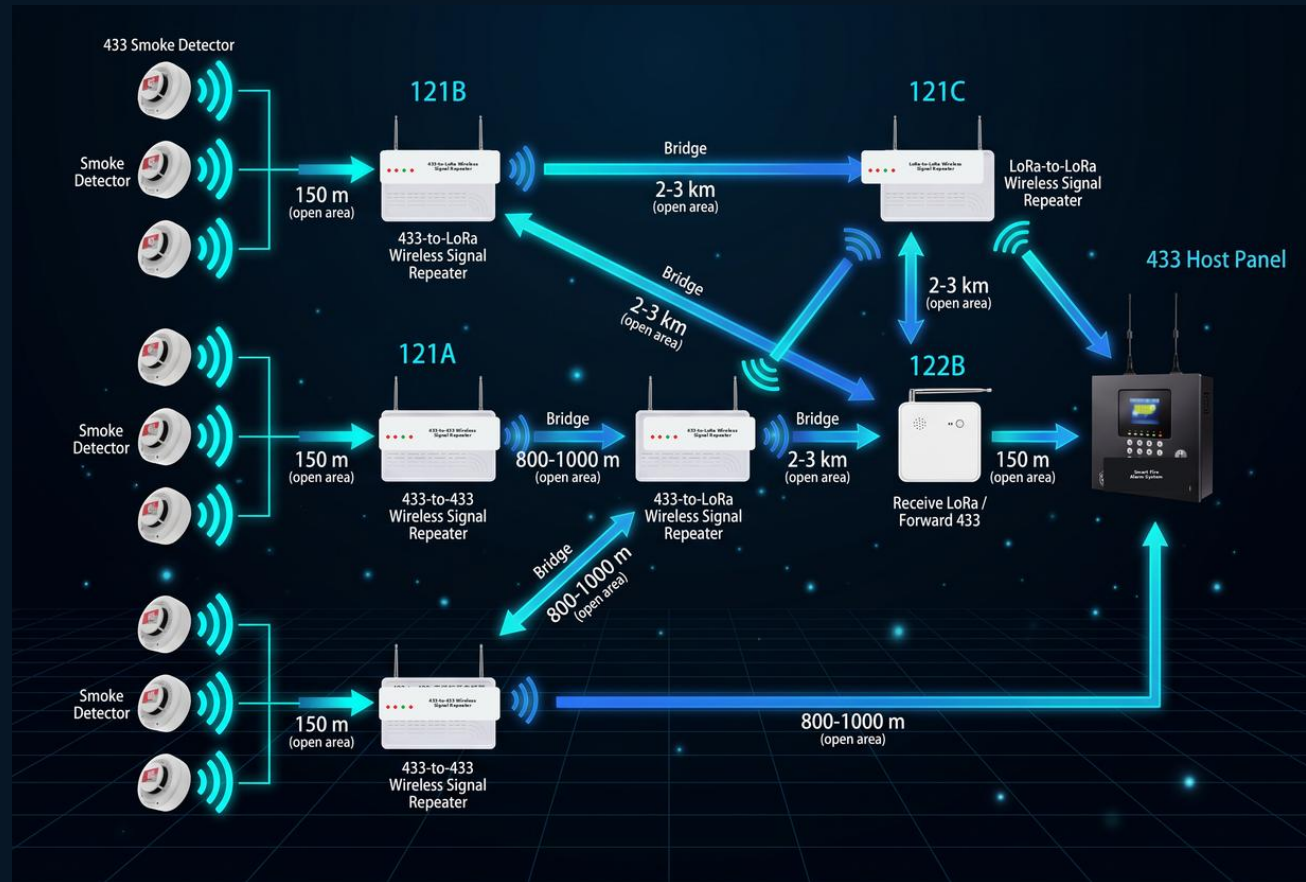
Skilled employees

4-stage

Quality control



One platform connects every protection layer.



CONTROL

4G, Wi-Fi and fire alarm control panels

DETECTION

Smoke, heat, CO, gas, PIR, door and water-leak sensors

ALERTING

Sounders, strobes, call points and mobile notifications

EXTENSION

RF repeaters and LoRa long-range networking

Control panels and connected alarm hosts.



GT30

GT30 Addressable Fire Alarm Panel

Central fire alarm control for project deployment.



PS-GT20

PS-GT20 Addressable Fire Panel

4G-enabled addressable platform.



PS-GT80

PS-GT80 Fire Alarm Panel

Project-oriented fire alarm control.



MIRO W51

Connected Smart Gateway WiFi Hub

Wireless linkage and real-time notifications.

Smoke and manual fire alarm devices.



MIRO-701

Photoelectric Smoke Alarm

Early smoke warning for indoor spaces.



CO + SMOKE

Wi-Fi CO & Smoke Alarm

Dual-hazard detection with mobile notifications.



819A

Photoelectric Smoke Detector

Standalone smoke detection for indoor fire safety.



PS-223

Manual Fire Alarm Call Point

Fast manual emergency activation.

Multi-hazard sensing for indoor safety.



CO SERIES

Carbon Monoxide Alarm

Electrochemical CO warning.



MIRO 709

Smoke & CO Combination Alarm

Two-in-one risk protection.



8011

Combustible Gas Alarm

Real-time gas leak monitoring.



WATER SENSOR

Water Leak Detector

Linked water leakage alerts.

Wireless accessories and system expansion products.



SOUNDER SERIES

Alarm Sounder & Strobe

Audible and visual emergency warning.



SOS SERIES

SOS Emergency Button

One-touch emergency activation.



DOOR CONTACT

Smart Door / Window Sensor

Wireless perimeter detection for doors and windows.



PIR SERIES

Wireless PIR Motion Detector

Indoor motion detection for rooms and corridors.

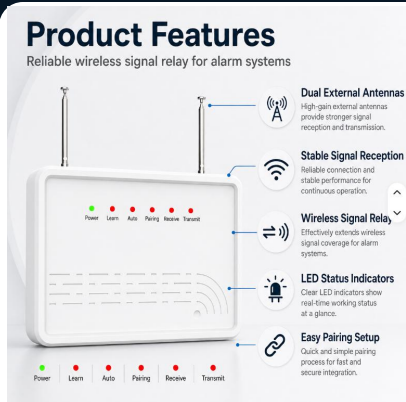
More field-ready products for complete alarm kits.



REMOTE SERIES

Wireless Remote Control

Arm, disarm, home and SOS control.



433/LORA

repeater

Keeps the alarm system operating during outages.



COMBINATION SERIES

Gas & CO Combination Detector

Multi-gas and carbon monoxide warning options.



RF SMOKE SERIES

Wireless Interconnected Smoke Alarm

Linked smoke warning for multi-room protection.

More connected detectors for retail and project channels.

Smart Smoke Detector
Wi-Fi Connected • Tuya App Control

Real-time Alerts | Remote Monitoring | Low Battery Reminder | Smart Linkage



Wi-Fi Connectivity
Stable wireless connection for app monitoring.

Tuya App Control
Check device status anytime, anywhere.

Instant Alerts
Push notifications when smoke is detected.

Smart Linkage
Works with smart sensors and linked devices.

Ideal for: Home, Bedroom, Kitchen, Office

WI-FI SMOKE

Tuya Wi-Fi Smoke Detector

App alerts, self-test and remote status checking.

WiFi Connected CO & Smoke Alarm
Instant Alerts on Your Phone

Receive instant alerts on your smartphone when smoke or carbon monoxide is detected.

Real-Time App Notifications
Receive push notifications for smoke and CO detection.

Remote Monitoring
Anytime and anywhere, check your home's safety status.

Early Warning for Smoke & CO
Advanced sensors detect danger early to keep your family safe.

Test / Silence with Smart Control
Quickly test or silence alarms right from the app.

Works with home WiFi for connected safety monitoring.



Bedroom | Bedroom | Living Room | Staircase Landing

CO + SMOKE

Wi-Fi CO & Smoke Alarm

Dual-hazard detection with mobile notifications.

2-IN-1 HOME PROTECTION
Carbon Monoxide & Smoke Alarm

Dual-Sensor Detection

Clear Digital Display

Test / Silence Button

Ideal for every level, outside sleeping areas and near bedrooms.



Install and maintain according to the user manual and local requirements.

2-IN-1 SERIES

Carbon Monoxide & Smoke Alarm

Combined audible warning for home protection.

SMART HOME SAFETY KIT
Complete Protection for Your Home and Family



Smoke Alarm | SOS Button | CO Detector | Water Leak Sensor | Remote Control

MULTI-SENSOR KIT

Smart Home Safety Kit

A flexible starter set for residential safety.

Gas monitoring for homes, kitchens and industrial sites.



CO + CH4

Smart CO & Methane Gas Detector

Fast warning for carbon monoxide and methane.



HOME GAS

Household Combustible Gas Detector

Wall-mounted gas monitoring with local alarm.



KITCHEN GAS

Commercial Kitchen Gas Detector

Continuous monitoring for demanding kitchens.



INDUSTRIAL GAS

Industrial Gas Monitoring Detector

Rugged fixed detection for process areas.

Expanded audible, visual and manual alarm options.

Wireless Siren & Strobe

Linked alarm notification for smoke detectors, panic buttons and control panels.

- Audible Alarm**
Loud siren warns people in an emergency.
- Bright Strobe Light**
High intensity LED strobe for maximum visibility.
- Wireless Linkage**
Stable wireless connection with control panel.
- Wall Mount Design**
Easy and secure installation on walls.

SYSTEM LINKAGE

Wireless Siren & Strobe, Panic Button, Alarm Control Panel, Wireless Siren & Strobe

HOW IT WORKS

When a device is triggered, the alarm button is pressed, the alarm control panel sends a signal to the siren and strobe for immediate warning.

APPLICATION SCENARIOS

Warehouse, Shop, Office, Warehouse

Key Features:

- Fast Response: Immediate warning for quick action.
- Clear Visual Warning: High intensity LED strobe for maximum visibility.
- Reliable Alarm Linkage: Stable wireless connection for dependable performance.
- Suitable for Security & Fire Alarm Systems: For 24-hour protection and rapid response.

WIRELESS AV

Wireless Fire Siren & Strobe

Wireless audible and visual alarm indication.

FIRE ALARM SOUNDER WITH STROBE

Visible and Audible Emergency Notification

FIRE

AUDIBLE ALERT • LED STROBE • WALL-MOUNTED DESIGN

WIRED AV

Fire Alarm Sounder with Strobe

High-visibility notification for evacuation routes.

ONE-TOUCH AUDIBLE & VISUAL ALARM

Fast emergency activation with audible and visual warning

- WARNING BEACON**
High intensity visual alert
- HIGH-POWER SIREN**
Loud, clear, audible warning
- EMERGENCY PUSH BUTTON**
One-touch activation for immediate response
- KEY RESET**
Secure reset for controlled operation

ONE-TOUCH AUDIBLE & VISUAL ALARM

FIRE ALARM **PRESS**

ALARM EQUIPMENT - DO NOT TOUCH **MODEL: PS-205**

RELIABLE PERFORMANCE **INDUSTRIAL GRADE DESIGN** **EASY INSTALLATION** **TRUSTED QUALITY**

LOCAL ALARM

One-Touch Audible & Visual Alarm

Manual alarm activation with sound and light.

Product Features

Designed for fast and clear emergency activation

- Protective Transparent Cover**
Helps prevent accidental pressing
- Large Center Button**
Easy to operate in emergencies
- Clear Status Indicator**
Visual indication for device status
- High-Visibility Red Housing**
Easy to identify in public areas

PRESS COVER

GREEN SELF TEST YELLOW LOW BATTERY RED ALARM

Green: Self-Test Yellow: Low Battery Red: Alarm

CALL POINT

Protective-Cover Call Point

Resettable manual activation with protective cover.

Factory-direct alarm manufacturing for global markets.

FACTORY DIRECT · GLOBAL SUPPLY

BUILT IN-HOUSE. TRUSTED WORLDWIDE.

Professional Fire & Gas Alarm Manufacturing

AUTOMATED ASSEMBLY

100% FUNCTION TESTING

OEM / ODM FLEXIBILITY

RELIABLE LEAD TIMES

Smoke · Gas · CO Alarms · Repeaters · Control Panels

From concept and tooling to mass production and delivery

GET FACTORY QUOTE

START YOUR PROJECT



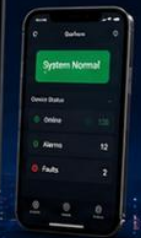
Long-range wireless control for global fire alarm projects.

4G-LoRa FIRE ALARM CONTROL PANELS

Wireless Fire Safety Solution for Global Projects



Seamless CMS Platform Integration



LoRa

LoRa

LoRa

LoRa

LoRa

LoRa

LoRa Coverage —
Up to 10 km (Open Area)*

Actual range varies by environment.

Smoke and multi-sensor alarm applications.



Smoke & CO Combination Alarm



Photoelectric Smoke Alarm



Smoke Alarm Features & Applications

Gas and CO monitoring for residential and industrial sites.



Gas & CO Detector



CO & Gas Combination Alarm



Industrial Fixed Gas Detector

Wireless fire alarm systems for multiple applications.



Smart Wireless Fire Alarm System

LoRa Smart Fire Alarm System

Intelligent Protection, Early Warning, Safer Lives.

- Long-Range LoRa Communication**
Stable and reliable communication over long distances with low power consumption.
- Real-Time Status Display**
2.4-inch color screen shows system status, time, and alerts at a glance.
- Multi-Device Linkage**
Link multiple detectors and modules for comprehensive fire safety protection.
- SOS Emergency SOS**
One-touch SOS button for instant help in emergency situations.
- Easy Keypad Operation**
User-friendly keypad for quick setup, control, and function management.



LoRa Smart Fire Alarm System

HOW THE 4G ALARM SYSTEM WORKS

Fast Alerts When Every Second Matters

1 DETECT
Sensor Detects a Risk

2 ALERT
Host Activates the Alarm

3 NOTIFY
Phone Call + SMS Sent Instantly



4G Cellular

Automatic Calling

Instant SMS Alerts

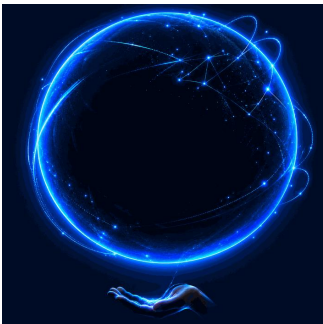
24/7 Home Protection

4G Alarm System Workflow

SYSTEM SOLUTIONS

08C

Protection that adapts to every project environment.



Residential Homes



Apartments & Homestays



Hotels & Shopping Malls



Factories & Warehouses



Office Buildings



Marine & RV

Turn market requirements into production-ready products.

01

Requirement Mapping

Target market, protocol,
function and volume.



02

Brand & Packaging

Logo, label, manual and retail
packaging.



03

Sample & Testing

Prototype review and
compliance planning.



04

Controlled Delivery

Production control and export
coordination.

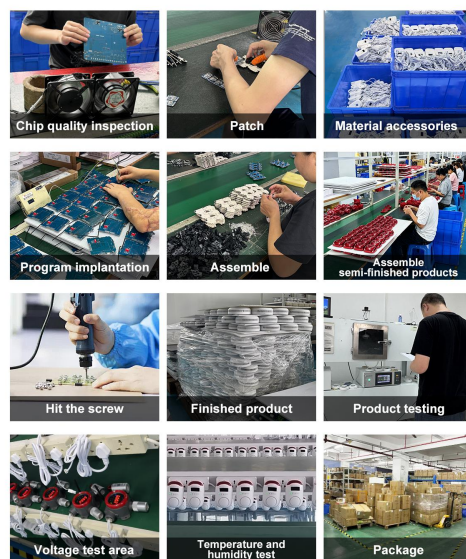


Quality is checked at every production stage.



01 Incoming QC

PRODUCTION LINE



02 Function Test



03 Aging Test



04 Final QC

Certification is confirmed by model and target market.

Paian supports model-specific documentation planning. Buyers should request the exact certificate set before listing, importing or bidding.

CE

EU conformity

FCC

US radio compliance

RoHS

Restricted substances

EN 14604

Smoke alarm standard

CCC

China certification

CCCF

China fire products

Ready-to-edit product marketing headlines.

LINKAGE	Whole-Property Linked Alarm Protection
MOBILE APP	Remote Alerts via Mobile App
4G ALERTS	4G Voice Call & SMS Notifications
LORA	LoRa Long-Range Wireless Transmission
COVERAGE	Reliable Multi-Floor Signal Coverage
OEM / ODM	Customization Available
MULTI-HAZARD	Smoke, Heat, Gas & CO Protection
APPLICATIONS	For Homes, Hotels, Factories & Warehouses

START YOUR PROJECT

Tell us what your market needs.

Share your product, quantity, target market and compliance goals.

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