

When your aim is high technology
with a reasonable price



GUARDian

Fire Detection and Alarm Systems



From Multi-Line, three decades of building trust.
Through competitive pricing and quality.



TRUST TECHNOLOGY

New Series Detectors



EDB01
Reflective Beam
Smoke Detector

Features

- The detection level can be set to 18%, 25%, 35%, and 50% to suit different environments.
- Lower current consumption.
- Easy installation & Low potential voltage
- Self-alignment & Automatic contamination compensation.
- Laser-aid alignment.
- Smartphone / Tablet applications display enabled (with blue-tooth module options).
- Application Locations: Warehouses, Factory halls, Departments Stores, Activity Centers, Churches, Museums, Electric Power Stations and Industrial Sites.



Q01
Photoelectric Smoke
Detector

Characteristics

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility. Bi-color LED, Stand-by Status: Green; Alarm Status: Red.



Q05
Combination Smoke
and Heat Detector

Characteristics

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility. Bi-color LED, Stand-by Status: Green; Alarm Status: Red.



AH-0715
Combination Smoke
and Heat Detector

Characteristics

- Magnetic test feature makes maintenance easy and simple.
- Twin-color LED display enables viewer to easily identify the current status of detector.
- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.



Q06
Heat Detector

Features

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility. Bi-color LED, Stand-by Status: Green; Alarm Status: Red.



8016
Heat Detector

Characteristics

- Magnetic test feature makes maintenance easy and simple.
- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility.



8011
Photoelectric
Smoke Detector

Characteristics

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility. Bi-color LED, Stand-by Status: Green; Alarm Status: Red.



AH-0933
Mechanical Rate of
Rise Heat Detector

Characteristics

- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- The unit is completely sealed; its function is not affected by humidity, dust or insects.
- This detector has passed strict quality control and repetitive testing, hence its quality is stable and highly reliable.

Fire Detection and Alarm Systems

New Series Detectors



IR-0714
IR Flame Detector



IR-0814
IR Flame Detector



AHMB-071
Mounting Base

Design Characteristics

- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Major advantage of using the compatible mounting base is to avoid wasting time selecting proper detectors for various purposes and be able to install the base quickly and continuously. Afterwards, just plug-in proper detector head to complete the project.
- Applies to model nos. Q01, Q05, Q06, AH-0621, 8011, AH-0715, 8016 and AH-0933.

Characteristics

- Built-in high performance Microprocessor that able to analysis flame signal more accuracy.
- IR sensor has better detection range than UV sensor.
- High immunity to sunlight or other noisy source.

UL Listed Detectors



AH-0621
Photoelectric Smoke Detector

Characteristics

- Contacts material is highly acid-resistant and rust-resistant.
- Twin-color LED display enables viewer to easily identify the current status of detector.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- The standard detector is 2-wire or 3-wire. For 4-wire type just add one relay output module on 3-wire base. Simple and easy module placement enables wider application and flexible stock control.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.



AH-0625
Combination Smoke and Heat Detector

Characteristics

- Each visible warning has 3 modes to easily identify current status.
- Microprocessor control makes smoke and heat detection more accuracy.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility.



AH-0626
Heat Detector

Characteristics

- Microprocessor control makes heat detection more accuracy.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- Features an accumulated water discharger to eliminate leakage of water from the water pipes or ceiling which may leak into the detector and cause a false alarm.
- Dual LEDs for 360-degree visibility.

Addressable Detectors



AHR-871
Mechanical Rate of Rise Heat Detector

Characteristics

- Heat-sensing diaphragm can operate for unlimited number of times and is not affected by room temperature. The conducting parts use gold coating to avoid oxidation.
- Uses alloy air equalizer to avoid humidity and stabilize the ventilation function. Alloy itself has many micro-holes that can expel non-fire heat to avoid false alarms.
- The unit is completely sealed; its function is not affected by humidity, dust or insects.
- This detector has passed strict quality control through automatic repetitive testing and been calibrated automatically under stable temperature and humidity conditions. Thus, quality and reliability are consistent from the first detector produced to millionth.



QA01
Addressable Photoelectric Smoke Detector



QA05
Addressable Combination Smoke & Heat Detector



QA06
Addressable Heat Detector

Characteristics

- Latching function helps to identify alarm device clearly and quickly.
- Address coding by dip switch makes the job easier.
- Magnetic test feature makes maintenance easy and simple.
- Non-loosening screws on base terminal for easy installation.
- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Dual LEDs for 360-degree visibility.

Residential Use Detectors



AH-0822
Gas Detector



QA31
Single Station Smoke Detector



NDKA1, NDKB1
Carbon Monoxide
Detector

Characteristics

- The AH-0822 features advanced technology, high accurate detection, low power-consumption and fast reaction time. It can detect natural gas and propane gas. Built-in buzzer and LED indicator alert by sounding and flashing.
- Sounding and flashing in alarm status; the green LED is lit during monitoring and the red LED flashes in alarm status.
- Dual power input: 12VDC and 24VDC operation in the same unit. No adjustment is required.
- Optional 110VAC or 220VAC adaptor is available.
- 1 set of relay output: COM. NO. NC. for CE version.

Characteristics

- The QA31 features advanced photoelectric technology for precise detection. When smoke is detected or the manual test button is pressed, the buzzer sounds and LED flash.
- Low-Battery Warning: Unit beeps and LED flash intermittently to indicate battery needs replacing.
- Simple test method: Press test button to hear the alarm sound and confirm the unit is in normal condition.
- Easy installation: Install directly to proper location without any wiring.
- It is equipped with 9VDC battery, and optional 110VAC or 220VAC power plug is available.
- Optional relay output : COM. NO. NC.
- Optional series connection wiring can co-activate up to 15 detectors.

Characteristics

- Triple-color LED display with high brightness enables viewers to easily identify the status of detector.
- Green LED to confirm the unit is under normal operation.
- Two modes of the Alarm LED in visible and audible warning to easily identify the status.
- Three modes of the Fault LED in visible and audible warning to easily identify the causes.
- Test button for alarm simulation.
- A set of relay output: COM. N.O. N.C. (NDKB1)

Fire Alarm Control Panel



QA16
Addressable Fire
Alarm Control Panel

Characteristics

- Each loop can connect up to 250 addressable devices. Maximum networking are 32 loops and total addressable points are 8000.
- Large LCD screen (40 x 15 lines) allows more events to be displayed on the same screen.
- Loop device can be set up to be temporarily isolated.
- Individual loop module test feature to save time on panel test.
- On-board Self-test feature for simulating alarm output.
- Easy system programming through PC to panel.
- Events log can store up to 2030 events.
- Specification Optional thermal printer that can printout complete panel status.

Fire Alarm Control Panels



5-QA12

QA12

AH-00212
Conventional Control Panel

Characteristics

- Alarm verification up to 7 seconds for real fire confirmation and avoid false alarm from environment interference.
- Zone test mode to perform alarm and fault functional test.
- Each zone has a separate disable function.
- Fault indications for wire disconnection, unstable AC power, battery short circuit or disconnection and internal PCB unplugged.
- 5-QA12 only up to 5 zones, QA12 could up to 80 zones.

Characteristics

- FIRE : Indicates fire status
- Power : Indicates unit is in normal status
- Short C. : Indicates short-circuit
- Discon. : Indicates disconnection
- S.T. : Controls H1 & H2 for activation, light on means inactive
- Bell : Activates unit's sounder and external bell, light on means inactive
- Reset : Turns system back to initial status

Accessories



AH-03127-S AH-03127-BS
Electronic Sounder
and Beacon

AH-0817
Resettable
Manual
Call Point

AH-0218
Fire Alarm
Bell 6"



AH-0217
Manual Call Point

AH-9717
Manual Call Point



AH-9719
Fire Indicating
Lamp

AH-413
Remote
Indicating Lamp

AH-01313
Remote Indicating
Lamp