

# SEC3002

## Addressable Fire Alarm Control Panel

SEC3002 represents Sanjiang's latest generation of addressable fire alarm control panel designed to comply with the latest versions of EN 54 parts 2&4 with qualities of simple installation, operation and easy maintenance. The wide range of SEC3002 configurations include standalone operation and networking with up to twenty panels for small to large sized applications.

### Product Features:

- Up to 324 addresses for one loop.
- 4.3" color screen LCD, resolution of 480×272.
- Zone indication and control panel for 32 zones give a quick indication of the location of an alarm
- Record capacity of 1000 historical events with date/time stamp.
- Integral power supply and battery.
- Integral printer.
- A standalone programmable conventional sounder circuit output.
- Flexible and intuitive cause and effect programming on front of panel
- Output module manual start/stop facilitates the commissioning and operating
- It supports the detector/module testing individually.
- USB port makes the load and save of configuration data or historical data convenient for system commissioning and maintenance
- Hierarchy management with three access levels
- Anti-tamper protection by a key lock.
- Networkable: CAN bus for interconnection of up to 20 FACPs and Ethernet for up to 255 FACPs.



### Technical Parameters:

Main power supply	220V/230VAC±15%. 47~63Hz. Max current 0.8A
Mains fuse	T3.15AL250V
Max. battery capacity and type	2×12V/17Ah VRLA
Max. charging current	1.2A
Max. internal resistance of battery	1Ω
Fire alarm output (+, -)	Output voltage 18.5VDC~27.5VDC Max. output current 0.5A End of line resistor 4.7KΩ
F.P.E. output (+, -)	Output voltage 18.5VDC~27.5VDC Max. output current 0.5A End of line resistor 4.7KΩ
Sounder circuit output (+, -)	Output voltage 18.5VDC~27.5VDC Max. output current 0.5A End of line resistor 4.7KΩ
Fault output (NC, COM, NO)	Contact capacity 30VDC@2A, 125VAC@0.5A
24V (+, -)	Output voltage 18.5VDC~27.5VDC Max. output current 0.6A
Class Change	Programmable input terminal. Shorting this terminal can enable Sounder Circuit Output (S.C. Out).
Loop Out (+, -)	Polarized signal cable from the FACP connects to 324 addressable devices
Loop In (+, -)	Polarized signal cable returns to the FACP
Temperature	-10°C~+55°C
Humidity	≤95% (40°C±2°C, no condensation)
Dimension(H×W×D)	565×430×170mm

A9030T

## Point-type Photoelectric Smoke Detector



### Product Features:

- It supports soft addressing and the address rewriting via coder in situ.
- Within a single-chip microcomputer, it can process the sampling data in real-time, save the latest 144 historical data and realize a curve tracing for the field situation.
- It supports temperature, humidity and dust accumulation drift compensation and sensor fault inspection (fault reporting to fire alarm control panel).
- Non-polarity, two-wire bus connection that ensures convenient installation and maintenance.
- Designed with an upper cover and a lower cover and installed on a detector base, it can be installed, commissioned and maintained conveniently.
- Built-in remote indicator output terminal, the output signal drives remote indicator light when fire alarm.
- Comply with EN54-7.

A9020T

## Point-type Heat Fire Detector



### Product Features:

- It supports soft addressing and the address rewriting via coder in situ.
- Within a single-chip microcomputer, it can collect real-time data and then process it to realize a curve tracing for the field situation.
- It supports temperature compensation and a sensor fault detection (fault reporting to the fire alarm control panel).
- Non-polarity, two-wire bus wiring that ensures convenient installation and maintenance.
- Designed with an upper cover and a lower cover and installed on a detector base, so it can be installed, commissioned and maintained conveniently and do not distinguish the connection line.
- Built-in remote indicator output terminal, the output signal drives remote indicator light when fire alarm.
- Comply with EN54-5.

A9060T

## Manual Call Point



### Product Features:

- Semi-flush or surface mount.
- Lever reusable (non-glass break).
- LED indicator.
- Support non-polarity, complete soft addressing in situ.
- Designed with passive output contacts to control other external equipment directly via an intermediate relay.
- Comply with EN54-11.

C9091T

## Conventional Sounder visual indicator



### Product Features:

- Comply with EN54-3 and EN54-23.
- Designed with an upper cover and a lower cover and installed on a detector base, so it can be installed, commissioned and maintained conveniently.
- Suitable for wall and ceiling-mount installation.
- Providing 16 alarm tones.

A9056T

## I/O module



### Product Features:

- Semi-flush or surface mount.
- Lever reusable (non-glass break).
- LED indicator.
- Full soft addressing, and rewriting through CODER-9001 encoder in site.
- Comply with EN54-18.

A9057T

## Short circuit isolator



### Product Features:

- In the event of a short circuit it isolates faulty parts of the loop.
- Automatically resetting once the fault has been cleared.
- LED lights indicate status.
- Comply with EN54-17.