

# Firenet One Loop Panel

Single Loop Open Protocol Analogue / Addressable Fire Alarm Control Panel

# FIRENET

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## Fire Alarm System

The Firenet One Loop Panel from Fire & Safety Products is a sophisticated and technically advanced Open Protocol Analogue Addressable Fire Alarm Panel, suitable for small to medium sized commercial and industrial premises.

The Firenet One Loop Panel has been developed to meet customer needs for a single loop, open protocol fire alarm control panel whilst incorporating many of the features associated with larger versions of Firenet.

Firenet is compatible with the Hochiki GTP range of analogue addressable smoke detectors, heat detectors, and input and output devices and is listed by the CSIRO to AS 4428.1. Firenet is also CSIRO listed for use with Apollo and System Sensor conventional detectors.

The single Detector Loop Card will support one loop of 127 devices, in any combination of detectors and modules. The device location descriptions are programmed into Firenet using a portable computer.

The panel's large Liquid Crystal Display (LCD) shows the address and the zone of a detector in alarm, enabling the source of the alarm to be quickly located.

The Windows<sup>®</sup> based Configuration Editor Software provides the installer with finger-tip access to installation programming and includes complex logic functions.

A simple 'auto learn' feature offers the convenience of quick start in both new and retrofit installations.



### System benefits

Firenet offers the following benefits:

- Open protocol architecture – providing the client flexibility in selection of their preferred service provider for post installation system service or reconfiguration.
- Fire & Safety Products leading experience in the design of cost effective fire detection systems.
- Australian designed and manufactured, meeting the client needs, local Building Codes and Australian Standards.
- Fire & Safety Products ISO 9001 accredited Quality Management System – from product development and manufacturing through to system design, installation and service.

## Specifications

### Features

- Supports Hochiki GTP smoke and heat detectors and modules
- High resolution laptop computer style graphical LCD with large characters and back lighting
- Programmable using a Microsoft Windows® compatible configuration editor, with full logic simulation
- Easy to use Boolean Algebra (AND, OR, IF....THEN) functions
- Each input / output, and or loop device can have specific text for identification through the LCD
- All input loop devices can be allocated to a specific zone which has its own text description
- Multi-processor architecture
- Standard printer output
- Back up power supply installed within the panel
- Sealed lead acid cells sufficient to meet the Australian Standard stand-by power requirement

### Ease of operation

- Simplicity of operation using the LCD menu with on screen prompts
- “Soft” key functionality and on screen label driven by menu selection
- Operator controls are through push button keys and numeric keypad
- User Keypad functions enabled by key switch
- Fire Fighters’ controls identified by a red border

### Applications

The Firenet One Loop Panel is ideal for small to medium sized:

- Hospitals
- Factories and industrial complexes
- Residential buildings
- Commercial complexes
- Education campuses
- Transport facilities

### Capacity and flexibility

- 1 loop of 127 Hochiki Loop Devices
- 6 fully supervised points configurable as either inputs or outputs
- 6 programmable voltage free solid state outputs
- 2 programmable unsupervised inputs
- 1 Parallel printer port

### Compatibility

- Tested and listed with Hochiki GTP analogue addressable detectors and loop devices
- Also CSIRO listed with Apollo and System Sensor conventional detectors
- Ionisation smoke detector
- Photo-optical smoke detector
- Rate of rise thermal detector
- Conventional detector zone interface
- Combined smoke and thermal detector
- Dual input device for alarms from other fire panels or sprinkler flow / pressure switches
- Dual relay output device rated 1A at 24V
- Conforms to Australian Standards for electromagnetic immunity and emissions

### Cabinet dimensions (H x W x D)

Size 1: 455mm x 455mm x 140mm

Size 2: 660mm x 500mm x 170mm

### Colour

Grey White (DULUX Powdercoat 953-66464)



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