

FireNET™ 4127 - ANALOG ADDRESSABLE FIRE ALARM CONTROL



DESCRIPTION

The FireNET™ 4127 control panel is an analog addressable fire alarm panel containing 2 or 4 SLC loops with each loop supporting a maximum of 127 devices of any combination (sensors or modules). Communication between devices and panels is transferred through standard cable (shielded or twisted pair is not required). Each panel includes a 4-amp power supply and has 4 on board NAC circuits. An RS-485 bus provides communication to the panel network, while the RS-232 interface allows the convenience of programming via a PC. The system will support a variety of Hochiki devices: photo, ion and heat sensors, which contain a unique, patented sensor design incorporating automatic drift compensation and day/night sensitivity mode. Additional devices include contact monitors, relay controllers, supervised auxiliary output and short circuit isolator modules. In addition, interfaces to conventional detection systems can be established by using a conventional zone-monitoring module. The Loop Explorer Windows® Software interface provides the installer with fingertip access to installation programming and diagnostic tools. An Auto Learn feature offers the convenience for quick start applications. Add to this a reputation for high quality and dedicated service makes this an exceptional product both in performance and value.

Specifications subject to change without notice.

STANDARD FEATURES

- Analog design using Hochiki's advanced DCP protocol for fast communication.
- Up to 127 sensors & modules, plus 127 analog sounder bases, for a total of 254 points possible per loop.
- Uses standard wire-no shielded or twisted pair required on SLC loops.
- Supports Class B (style 4) and Class A (style 6 or 7) configuration for SLC loops.
- Programmable sensitivity levels by device.
- Alarm Verification.
- Automatic daily calibration & drift compensation routine.
- Large 8-line x 40-character LCD display (320 characters total).
- 2 or 4 loop versions.
- Notification circuits can be configured 4 class B (style Y).
- RS-485 bus for panel network.
- Built-in RS-232 interface for programming via a PC.
- Five on board Form C relays rated at 1 amp at 30VDC (Fire1, Fire2, trouble, supervisory, aux.).
- 500mA of auxiliary power available rated at 24 VDC.
- Loop Explorer Windows® configuration utility.
- Auto-Learn feature.
- *500 network wide software zones. (*Output zones allocated to zones 1-253 only).
- Network Capability of up to 64 panels.
- Built in help and alarm information screens.
- 4 onboard NAC circuits rated at 2.5 amp each.
- Automatic day/night sensitivity modes.
- Fire drill test function.
- Walk test function.
- Expandable up to 4 SLC Loops (800 addresses+sub-addresses Max.).
- Powerful & versatile Cause & Effect wizard including:
 - *Cause & effect action
 - *Disable function configuration
 - *Test mode configuration

PRODUCT LISTINGS

UL 864, Local Signaling Unit. S8255
 Types: *Automatic, manual, waterflow and sprinkler supervisory*
 NFPA 72 Compliant
 CSFM: 7165-0410:159

Continued on back.

SLC COMPATIBLE DEVICES AND SYSTEM ACCESSORIES

MODEL	DESCRIPTION
ALG-V	Addressable Photoelectric Sensor
AIE-EA	Addressable Ionization Sensor
ATG-EA	Addressable Heat Sensor
NSA-6	Six inch Sensor Base
NSA-4	Four inch Sensor Base
ASB	Analog Sounder Base
DH-98A	Addressable Duct Detector Unit
DH-98AR	Addressable Duct Detector Unit (with relays)
FRCME-S	Contact Monitoring Module (mini w/terminal block for behind pull station)
FRCME-P	Contact Monitoring Module (mini w/pigtail leads for behind pull station)
FRCME-4	Contact Monitoring Module (with faceplate/indicating LED)
DIMM	Dual Input Monitor Module (with faceplate/indicating LED)
CZM	Conventional Zone Module
R2M	Dual Relay Module
SOM	Supervised Output Module
SCI	Short Circuit Isolator Module
FN-LCD-N	Network LCD Annunciator
FN-4127-SLC	Dual SLC Loop Expansion Card
FN-4127-NIC	Network Interface Card
FN-4127-IO	16 Channel Input/Output Board
TCH-B100	Hand Held Programmer (portable device addresser)

SPECIFICATIONS

Primary AC:	120VAC @ 2 amps 60hz (Optional 220VAC)
Output DC:	24VDC @ 4 amps
Power Supply:	4 amp integrated
Max.	Charger Current: 1.5 amps
Dimensions:	14.5"W x 24" H x 5"D
Weight:	31 lbs (without batteries)
Color:	Red (optional charcoal)
Material:	ABS/steel enclosure
Display:	8 line x 40 character LCD (320 characters total)
Network:	Dual RS485 ports (64 panels max.)
Zones:	500 network wide software zones per system (Output zones allocated to zones 1 to 253 only)
SLC loops:	2 or 4 (class A or B)
Devices per loop:	127 sensors & modules, plus 127 analog sounder bases, 254 total (800 addresses+sub-addresses max. per panel)
NAC Outputs:	(4) 2.5 amp@24VDC (class B)
Relay Outputs:	(5) Form C 1amp@30VDC
Voltage Outputs:	(3) 500mA@24VDC
Aux. Power:	500mA@24VDC
Aux. Inputs:	(8) digital pull downs
PC Port:	RS232
Printer Port:	RS232

FireNET ORDERING MODELS

MODEL	DESCRIPTION
FN-2127	FACP (2 Loop/4 Amp)
FN-2127N	FACP (2 Loop/4 Amp) (w/Network)
FN-4127	FACP (4 Loop/4 Amp)
FN-4127N	FACP (4 Loop/4 Amp) (w/Network)