

FireNET® Series - DIGITAL ANALOG ADDRESSABLE FIRE ALARM CONTROL PANEL





DESCRIPTION

The FireNET® 4127 control panel is an digital analog address-able fire alarm panel containing 2 or 4 SLC loops with each loop supporting 127 devices of any combination (sensors or modules), and 127 digital analog sounder bases, for a possible total of 254 points. Communication between devices is transferred through standard cable (shielded or twisted pair is not required). Each panel includes a 5.25 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 such as 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 Hochiki's reputation for high quality and dedicated service, and you have an exceptional product with performance and value.

PRODUCT LISTINGS



LISTED S6468

SIGNALING

UL 864, Local Signaling Unit.
Types: Automatic, manual,
waterflow, sprinkler supervisory,
Remote Station and Central
Station Service (DACT)
Nan-parled signaling. Non-coded signaling. NFPA 70, 72 &13 Compliant





STANDARD FEATURES

- UL 864 9th Edition Listed
- Seismic certified
- Digital Analog design using Hochiki's advanced DCP protocol for fast and robust communication
- Up to 127 sensors & modules, plus 127 digital analog sounder bases, for a total of 254 points possible per
- Uses standard wire, no shielded or twisted pair required on SLC loops
- Supports Class B (style 4) and Class A (style 6 or 7) SLC loops
- 4 on board Class B (style Y) NAC circuits rated at 2.5 Amps each
- Programmable sensitivity levels per device & automatic day/night sensitivity modes
- Automatic daily calibration & drift compensation
- Large 8-line x 40-character LCD (320 char.)
- 2 loop (FN-2127 Series) or 4 loop (FN-4127 Series) versions (800 addresses/sub-addr. max.)
- Dual RS-485 bus for panel network
- 2 built-in RS-232 interfaces for programming via a PC and serial printer interface
- 5 on board programmable 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
- · 500 network wide software zones
- Network capability of up to 64 panels
- RS485 slave bus for expansion up to 32 FN-4127-IO boards or up to 15 FN-LCD-S serial annunciators and up to 17 FN-4127-IO boards
- Auto-learn feature
- Fire Drill test function
- Walk test function
- Alarm verification feature
- FireNET® is UL listed for Central Station Service, Remote Station Service and Proprietary Service
- Operates on 120VAC or 240VAC input voltage
- Powerful & versatile Cause & Effect programming (up to 500 maximum, network wide) including:
 - *Cause & Effect action
 - *Disable function configuration
 - *Test mode configuration

Specifications subject to change without notice.





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Primary AC	SPECIFICATIONS 120VAC @ 2.1 Amps 60hz or 220VAC @ 1.1Amps 50hz
utput DC	24VDC @ 5.25 Amps (4 Amps available for system power)
wer Supply	5.25 Amps integrated
arger Current	1.5 Amps max.
mensions	14.5" W x 24" H x 5" D
eight	31 lbs. (without batteries)
lor	Red (optional gray)
terial	ABS/steel enclosure
splay	8 line x 40 character LCD (320 characters total)
etwork	Dual RS485 ports (64 panels max.)
nes	500 network wide software zones per system
.C loops	2 or 4 (class A, "style 6 or 7" or class B, "style 4")
evices per loop	127 sensors & modules, plus 127 digital analog sounder bases, 254 total (800 addresses+sub-addresses max. per panel)
ddresses per panel	(4) 2.5 Amps @ 24VDC (class B)
AC Outputs	(5) Form C 1 Amp @ 30VDC
elay Outputs	(3) 500mA @ 24VDC
oltage Outputs	500mA @ 24VDC
x. Power	(8) digital pull downs
x. Inputs	RS232
Port / Printer	32°F (0°C) 120°F (49°C)
erating Temp.	85% RH Non-Condensing
lative Humidity	
	FIRENET® ORDERING MODELS
DDEL	DESCRIPTION DESCRIPTION
12127US0ERS120	2015 Ed. FireNET® FACP, 2 Loop, Red, 120V
4127US0ERS120	2015 Ed. FireNET® FACP, 4 Loop, Red, 120V
12127US1ERS120	2015 Ed. FireNET® FACP, 2 Loop, W/Network Card, Red, 120V
14127US1ERS120	2015 Ed. FireNET® FACP, 4 Loop, W/Network Card, Red, 120V
I-2127US0ERS-220	2015 Ed. FireNET® FACP, 2 Loop, Red, 220V
I-4127US0ERS-220	2015 Ed. FireNET® FACP, 4 Loop, Red, 220V
I-2127US1ERS-220	2015 Ed. FireNET® FACP, 2 Loop, W/Network Card, Red, 220V
I-4127US1ERS-220	2015 Ed. FireNET® FACP, 4 Loop, W/Network Card, Red, 220V SLC COMPATIBLE DEVICES & SYSTEM ACCESSORIES
ONTROL PANEL EVRANDERS	SEC COMPATIBLE DEVICES & STOTEM ACCESSORIES
ONTROL PANEL EXPANDERS N-4127-SLC	Dual SLC Loop Expansion Card
N-4127-SLC	Network Interface Card
I-4127-NIC	16 Channel Input/Output Board
I-DAC	Digital Alarm Communicator
I-CTM	City-Tie Module (Local Energy Type)
INUNCIATOR	
I-LCD-N	Network LCD Annunciator
I-LCD-S	Serial LCD Annunciator
C LOOP DEVICES	
.G-V, ALK-V, ALN-V	Digital Analog Addressable Photoelectric Sensor
E-EA	Digital Analog Addressable Ionization Sensor
G-EA, ATJ-EA	Digital Analog Addressable Heat Sensor
CA-V, ACC-V	Multi-criteria Sensor
6A-4 & NSA-6	Four Inch Sensor Base and Six Inch Sensor Base
I-B4 & SCI-B6	Four Inch Short Circuit Isolator Digital Analog Sensor Base & Six Inch Circuit Isolator Digital Analog Sensor Base
SB .	Digital Analog Sounder Base
BL	Digital Analog Low Frequency Sounder Base
I-98A, DH-98AR, DH-99A, DH-99AR	Digital Analog Addressable Duct Detector Unit (DH-98AR and DH-99AR have relays built-in)
S-RA, MS-RA/R, MS-KA/R	Remote Test Station for DH-98AR & DH-99AR
P-FRCME-M	Contact Monitoring Module (mini w/terminal blocks)
P-FRCME-P	Contact Monitoring Module (mini w/pigtail leads)
P-FRCME-4	Contact Monitoring Module (with faceplate/indicating LED)
P-FRCMA, DCP-FRCMA-I	Class A Contact Monitoring Module (FRCMA-I has built-in SCI)
P-DIMM	Dual Input Monitor Module (with faceplate/indicating LED)
P-CZM	Conventional Zone Module
P-R2M	Dual Relay Module
P-R2ML/H Series	Dual Relay Module (R2ML-I & R2MH-I has built-in SCI)
P-SOM	Supervised Output Module
CP-SOM-A, DCP-SOM-AI	Class A Supervised Output Module (SOM-AI has built-in SCI)
CP-SOM-R	Supervised Output Module for Releasing Pre-action System
CP-SCI	Short Circuit Isolator Module
	Addressable Manual Pull Station
P-AMS Series	
CESSORIES	Hand Held Programmer (portable device addresser)
CP-AMS Series CCESSORIES CH-B100 N-ACC	Hand Held Programmer (portable device addresser) Battery/Accessory Enclosure (houses up to 33AH size batteries) Enclosure Trim Ring for panel flush mount