STANDARD FEATURES

- UL 864 9th edition Listed
- Seismic Certified
- Analog design using Hochiki’s advanced DCP protocol for fast and robust 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) 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 routine
- Large 8-line x 40-character LCD display (320 char.)
- 2 or 4 loop 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

DESCRIPTION

The FireNET™ 4127 control panel is an analog addressable fire alarm panel containing 2 or 4 SLC loops with each loop supporting 127 devices of any combination (sensors or modules), and 127 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: 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.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary AC</td>
<td>120VAC @ 2.1 Amps 60hz or 220VAC @ 1.1Amps 50hz</td>
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<tr>
<td>Output DC</td>
<td>24VDC @ 5.25 Amps (4 Amps available for system power)</td>
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<tr>
<td>Power Supply</td>
<td>5.25 Amps integrated</td>
</tr>
<tr>
<td>Charger Current</td>
<td>1.5 Amps max.</td>
</tr>
<tr>
<td>Dimensions</td>
<td>14.5” W x 24” H x 5” D</td>
</tr>
<tr>
<td>Weight</td>
<td>31 lbs. (without batteries)</td>
</tr>
<tr>
<td>Color</td>
<td>Red (optional charcoal)</td>
</tr>
<tr>
<td>Material</td>
<td>ABS/steel enclosure</td>
</tr>
<tr>
<td>Display</td>
<td>8 line x 40 character LCD (320 characters total)</td>
</tr>
<tr>
<td>Network</td>
<td>Dual RS485 ports (64 panels max.)</td>
</tr>
<tr>
<td>Zones</td>
<td>500 network wide software zones per system</td>
</tr>
<tr>
<td>SLC loops</td>
<td>2 or 4 (class A, “style 6 or 7” or class B, “style 4”)</td>
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<tr>
<td>Devices per loop</td>
<td>127 sensors &amp; modules, plus 127 analog sounder bases, 254 total</td>
</tr>
<tr>
<td>Addresses per panel</td>
<td>(800 addresses + sub-addresses max. per panel)</td>
</tr>
<tr>
<td>NAC Outputs</td>
<td>(4) 2.5 Amps @ 24VDC (class B)</td>
</tr>
<tr>
<td>Relay Outputs</td>
<td>(5) Form C 1 Amp @ 30VDC</td>
</tr>
<tr>
<td>Voltage Outputs</td>
<td>(3) 500mA @ 24VDC</td>
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<tr>
<td>Aux. Power</td>
<td>500mA @ 24VDC</td>
</tr>
<tr>
<td>Aux. Inputs</td>
<td>(8) digital pull downs</td>
</tr>
<tr>
<td>PC Port</td>
<td>RS232</td>
</tr>
<tr>
<td>Printer Port</td>
<td>RS232</td>
</tr>
<tr>
<td>Operating Temp.</td>
<td>32°F (0°C) 120°F (49°C)</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>85% RH Non-Condensing</td>
</tr>
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</table>

### SLC COMPATIBLE DEVICES & SYSTEM ACCESSORIES

#### CONTROL PANEL EXPANDERS
- **FN-4127-SLC**: Dual SLC Loop Expansion Card
- **FN-4127-NIC**: Network Interface Card
- **FN-4127-IO**: 16 Channel Input/Output Board
- **FN-DAC**: Digital Alarm Communicator
- **FN-C1M**: City-Tie Module (Local Energy Type)

#### ANNUNCIATORS
- **FN-LCD-N**: Network LCD Annunciator
- **FN-LCD-S**: Serial LCD Annunciator

#### SLC LOOP DEVICES
- **ALG-V**: Analog Addressable Photoelectric Sensor
- **ALK-V & ALK-V2**: Analog Addressable Photoelectric Sensor
- **ACA-V**: Analog Addressable Multi-Criteria Photo/Heat Sensor
- **AIE-EA**: Analog Addressable Ionization Sensor
- **ATG-EA**: Analog Addressable Heat Sensor
- **NSA-6**: Six inch Sensor Base
- **NSA-4**: Four inch Sensor Base
- **ASB**: Analog Sounder Base
- **DFH-98A**: Analog Addressable Duct Detector Unit
- **DFH-98AR**: Analog Addressable Duct Detector Unit (with relays)
- **MS-RA, MS-RA/R, MS-KA/R**: Remote Test Station for DH98A & DH98AR
- **FRCME-M**: Contact Monitoring Module (mini w/terminal blocks)
- **FRCME-P**: Contact Monitoring Module (mini w/pigtail leads)
- **FRCME-4**: Contact Monitoring Module (with faceplate/indicating LED)
- **FRCMA, FRCMA-I**: Class A Input Module 4” Box Mount (FRCMA-I has built-in SCI)
- **DIMM**: Dual Input Monitor Module (with faceplate/indicating LED)
- **CZM**: Conventional Zone Module
- **R2M**: Dual Relay Module
- **SOM**: Supervised Output Module
- **SOM-A, SOM-AI**: Class A Supervised Output Module With SCI or Without SCI
- **SOM-R**: Supervised Output Module for Releasing Pre-action System
- **SCI**: Short Circuit Isolator Module
- **AMS Series**: Addressable Manual Pull Station

#### ACCESSORIES
- **TCH-B100**: Hand Held Programmer (portable device addresser)
- **FN-ACC**: Battery/Accessory Enclosure (houses up to 33AH size batteries)
- **FN-ETR**: Enclosure Trim Ring for Panel Flush Mount