Elite | Analog Addressable Fire Control Panels

VF1491-xx (6 Loops)
VF1492-xx (8 Loops)
where xx=10 for Red and xx=40 for Gray

Standard Features

- Multi-Loop 6 Analog Addressable Loops; Field upgradable to 8
- 127 primary points per loop
- Powerful, network wide cause and effects (500 total). Fully user programmable by point or zone.
- 1600 points per panel when using devices with sub-points
- Up to 10,000 ft. wiring length on SLC loop
- 32 Panels on a network
- Programmable through a PC connection to the panel, or through keypad
- Programmable relays – 10
- Supervised Powered Outputs – 6
- Programmable Notification Appliance Circuits: 8
- Power per NAC: 1.6 Amps Max
- Programmable outputs on SLC loop
- Programmable Function button on front display
- Fire Drill button on front display
- Day and night sensitivity settings (user programmable)
- Power Supply: 5.25 A, regulated & integrated
- LCD Display: 8x40
- Zonal Mode: Annunciation by zone w/o individual relationships
- Panel Ring Modes: Common, Zonal, Stage 2
- NAC Outputs programmable as Continuous, March, Temporal
- Program Cause and Effects AND, OR, or Any Two (Cross Zone)
- Battery size: Up to 4 -17 Ah in standard enclosure; up to 52 Ah with external cabinet
- Access levels: 3
- Access key switch: Yes
- Recognized for use in High Rise
- One man walk test – Fire Test Mode
- Available in Red or Gray

Product Overview

The VF1491 and VF1492 analog addressable FACP with networked releasing, supports 6 or 8 SLC loops for a total of 1000 primary points or for a total of 1600 points using subpoints. SLC loop communications uses standard twisted pair cabling, shielded cable is not necessary. The panel may be configured with various communication cards; Communications options support remote programming, central station monitoring, Virtual Panel, and networking.

The Panel can be configured as a stand alone panel with just a few devices for a small building, it can also operate as the building system and can be part of a network with a total of 32 nodes serving a multiple building campus or a very large facility. Autolearn capability provides a convenient method to troubleshoot new installations before final programming is loaded.
### Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
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<tbody>
<tr>
<td>Primary AC</td>
<td>120VAC @ 2 Amps 60hz (Optional 240 VAC 50hz)</td>
</tr>
<tr>
<td>Output DC</td>
<td>24VDC @ 4 Amps</td>
</tr>
<tr>
<td>Power Supply</td>
<td>5.25 Amp regulated and integrated</td>
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<tr>
<td>Charger Current</td>
<td>1.25 Amps max.</td>
</tr>
<tr>
<td>Dimensions</td>
<td>29” W x 24” H x 4.5” D</td>
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<tr>
<td>Weight</td>
<td>50 lbs. (without batteries)</td>
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<tr>
<td>Color</td>
<td>Red (optional gray)</td>
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<tr>
<td>Display</td>
<td>8 line x 40 character LCD (320 characters total)</td>
</tr>
<tr>
<td>Zones</td>
<td>500 Zones per network</td>
</tr>
<tr>
<td>SLC Loops</td>
<td>6 or 8 (class A or B)</td>
</tr>
<tr>
<td>Devices Per Loop</td>
<td>127 sensors &amp; modules (1016 main addresses + sub-addresses (max. 2 per main address) max. per panel) + ASB</td>
</tr>
<tr>
<td>NAC Outputs</td>
<td>(8) 1.6 Amp @ 24VDC (class B)</td>
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<tr>
<td>Relay Outputs</td>
<td>(10) Form C 1 Amp @ 30VDC</td>
</tr>
<tr>
<td>Voltage Outputs</td>
<td>(6) 500mA @ 24VDC, reverse polarity supervised</td>
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<tr>
<td>Aux. Power</td>
<td>500mA @ 24VDC</td>
</tr>
<tr>
<td>Aux. Inputs</td>
<td>(6) digital pull downs</td>
</tr>
<tr>
<td>Current Consumption</td>
<td>VF1491 or VF1492 - 455 mA Standby 765 mA Alarm</td>
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</tbody>
</table>

### Optional Features

**Elite with eNET (VF1491/VF1492)**
- Network uses standard RS485 cabling
- Up to 2,000 ft. between adjacent panels
- 115 Kbps constant network speed
- Secure, fault tolerant communication
- Up to 64 nodes

**Optional Digital Dialer**
- Dual line digital communicator and modem
- Contact ID and SIA reporting
- Zone or point reporting
- Backup and duplicate reporting

**Also Available**
- Elite 6 Loop Panel with internal printer - VF1491-x3
- Elite 8 Loop Panel with internal printer - VF1492-x3