Elite
Analog Addressable
Fire Control Panels
(2 or 4 Loops)
Apollo Protocol

VF1460-xx (1 Loop)
VF1480-xx (2 Loops)
where xx = 10 for Red & 40 for Gray

Standard Features
- UL 864 9th Edition listed
- Multi-Loop 2 Analog Addressable Loops Field upgradable to 4
- 126 primary points per loop
- Powerful, network wide cause and effects (500 total). Fully user programmable by point or zone.
- 800 points per panel when using devices with sub-points
- Up to 10,000 ft. wiring length on SLC loop
- 64 Panels on a network
- Programmable through a PC connection to the panel, or through keypad
- Programmable relays – 5
- Supervised Powered Outputs – 3
- Programmable Notification Appliance Circuits: 4
- 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 Amp, 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 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 with semi flush trim ring
- Available in Red or Gray

Product Overview
- The VF1420 and VF1440 analog addressable FACP with networked releasing, supports 2 or 4 SLC loops for a total of 500 primary points and up to 800 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 64 nodes serving a multiple building campus or a very large facility.
- Auto Learn capability provides a convenient method to troubleshoot new installations before final programming is loaded.
Added Features:

**Elite with eNET (VF1465-xx/VF1485-xx)**
- 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

**Elite with DACT (VF1464-xx/VF1484-xx)**
- Dual line digital communicator and modem
- Contact ID and SIA reporting
- UL 864 9th edition listed
- Zone or point reporting
- Backup and duplicate reporting

Also available:

**2 loop expansion board - VF1053-00**
**Trim ring - VF1070-xx**

**Elite-A Panel with internal printer**
- All Parts Number Available in Red or Gray with or without an internal printer.

When ordering specify -CP
- where c = 1 for Red or 4 for Gray
- where p = 0 for No internal printer or 3 for Internal printer

Technical Specifications

Primary AC: 120VAC @ 2 Amps 60Hz (Optional 240 VAC 50Hz)
Output DC: 24VDC @ 4 Amps
Power Supply: 5.25 Amp regulated and integrated
Charger Current: 1.25 Amps max.
Dimensions: 14.5"W x 24"H x 5"D
Weight: 25 lbs. (without batteries)
Color: Red (optional gray)
Display: 8 line x 40 character LCD (320 characters total)
Zones: 500 Zones per network
SLC loops: 2 or 4 (class A or B)
Devices per loop: 126 sensors & modules (800 addresses + sub-addresses max. per panel)
NAC Outputs: (4) 1.6 Amp @ 24VDC (class B)
Relay Outputs: (5) Form C 1 Amp @ 30VDC
Voltage Outputs: (3) 500mA @ 24VDC, reverse polarity supervised
Aux. Power: 500mA @ 24VDC
Aux. Inputs: (3) digital pull downs

Current Consumption

<table>
<thead>
<tr>
<th>Device</th>
<th>Standby</th>
<th>Alarm</th>
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<tbody>
<tr>
<td>VF1460</td>
<td>355 mA</td>
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<tr>
<td>VF1480</td>
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<td>VF1465</td>
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<tr>
<td>VF1464</td>
<td>430 mA</td>
<td>730 mA</td>
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