

Elite-H

Analog Addressable Fire Control Panels

VF1420-xx (2 Loop)
VF1440-xx (4 Loop)
where xx=10 for Red
xx=40 for Gray



Standard Features

- UL 864 9th Edition listed
- Multi-Loop 2 Analog Addressable Loops Field upgradable to 4
- 127 primary points per loop
- Powerful, network wide cause and effects (500 total) Fully user programmable by point or zone.
- Up to 800 points per panel when using devices and sub-points
- Up to 10,000 feet wiring length on SLC loop
- 64 Panels on a network
- Programmable through a PC connection to the panel, or through keypad
- Programmable on-board 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.

Autolearn capability provides a convenient method to troubleshoot new installations before final programming is loaded.



Manufactured by Kentec Electronics Ltd.
Dartford, DA11JQ, United Kingdom

Added Features

Elite with eNET (VF1425-xx/VF1445-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 (VF1424-xx/VF1444-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 Panel with Internal Printer



All parts available in Red or Gray with or without an internal printer. When ordering specify -CP,

- where C = 1 for Red or 4 for Gray and
- 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	127 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 **VF1420**
355 mA Standby
650 mA Alarm

VF1440
455 mA Standby
765 mA Alarm