Elite-H

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

VF1420-xx (2 Loops)
VF1440-xx (4 Loops)

where xx = 10 for Red & 40 for Gray

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

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 ft. 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.

- Auto Learn capability provides a convenient method to troubleshoot new installations before final programming is loaded.

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 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: 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

VES Fire Detection Systems,
620 Allendale Road, King of Prussia, PA. 19406

Tel (US): 800.270.3066 (Toll free) **Tel (non US):** (001) 610.992.3378
Fax: 610.992.3380

E-mail: info@ves-network.com
Web: www.ves-network.com