

SUPREME 2 or 4 LOOP ANALOG ADDRESSABLE FIRE ALARM CONTROL PANELS

AS1420-XX 2 Loop

AS1440-XX 4 Loop

where xx=10 for Red and xx=40 for Gray



Product Overview

The Supreme analog addressable FACPs support 2 or 4 SLC loops for a total of 500 primary points and up to 800 points using sub-points.

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.

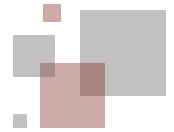
The Panel can be configured as a stand-alone panel with just a few devices for a small building; it can also operate as the building system and can be part of a network with a total of 64 nodes serving a multiple building campus or a very large facility.

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

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 Characters
- 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





Added Features

Supreme with eNET

AS1425-XX / AS1445-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

Supreme with DACT

AS1424-XX / AS1444-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)
- Supreme 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

AC Voltage Supply	120VAC @ 60Hz (Optional 240 VAC @ 50Hz)	
Output DC	4 Amps @ 24VDC	
DC Power Supply Rating	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	RAL3002 (Red) or BS 00 A 05 (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	
	VF1420-00	VF1440-00
Current Consumption	355mA Standby	455mA Standby
	650mA Alarm	765mA Alarm