

Supreme Analog Addressable Fire Alarm Control Panels (2 or 4 Loops)

AS1420-xx (2 Loops)
AS1440-xx (4 Loops)



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 or 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 Supreme AS1420 and AS1440 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.

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

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: AS1053-00
- Trim ring: AS1070-xx

Supreme 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: 25lbs. (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:

AS1420: 355 mA Standby
650 mA Alarm

AS1440: 455 mA Standby
765 mA Alarm